

INSTALLATION/USER MANUAL

V-NET™ ACS

- 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.

TYPE : Premium Wired Remote Controller

MODEL : PREMTA000A

www.lg.com



P/NO : MFL62129218

TIPS FOR SAVING ENERGY

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

- Do not cool excessively indoors. This may consume more electricity.
- Block sunlight with blinds or curtains while you are operating the air conditioner.
- Keep doors or windows closed tightly while you are operating the air conditioner.
- Adjust the direction of the air flow vertically or horizontally to circulate indoor air.
- Speed up the fan to cool or warm indoor air quickly, in a short period of time.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or reduce the cooling / dehumidifying functions.

For your records

Staple your receipt to this page in case you need it to prove the date of purchase or for warranty purposes. Write the model number and the serial number here:

Model number : _____

Serial number : _____

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

Dealer's name : _____

Date of purchase : _____

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

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



WARNING

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



CAUTION

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



WARNING

Installation

- For electrical work, contact the dealer, seller, a qualified electrician, or an authorized service Center.
 - Do not disassemble or repair the product. There is risk of fire, electric shock, explosion, equipment malfunction, or injury.
- Request to the service center or installation specialty store when reinstalling the installed product.
 - There is risk of fire, electric shock, explosion, equipment malfunction, or injury.
- Do not disassemble, fix, and modify products randomly.
 - There is risk of fire, electric shock, explosion, equipment malfunction, or injury.
- The product shall be installed according to the national standards and local code.
- Apply totally enclosed noncombustible conduit in case of local building code requiring plenum.
- Use appropriate unit mounting procedures.
- Avoid direct sunlight.
- Avoid moist areas.

In-Use

- Do not place flammable objects close to the product.
 - There is risk of fire, electric shock, explosion, equipment malfunction or injury.
- Do not allow product to get wet.
 - There is risk of fire, electric shock, explosion, equipment malfunction or injury.
- Avoid dropping the product.
 - There is risk of fire, electric shock, explosion, equipment malfunction or injury.
- If product gets wet, contact your dealer or authorized service center.
 - There is risk of fire, electric shock, explosion, equipment malfunction, or injury. If the instructions are not followed, it may cause death or severe injury of the user.
- Do not use sharp or pointed objects on product.
 - There is risk of fire, electric shock, explosion, equipment malfunction or injury.
- Do not touch or pull the lead wire with wet hands.
 - There is risk of product breakdown or electric shock.

**In-use**

- Do not clean using powerful detergents like solvent but use soft cloths.
There is risk of fire, electric shock, explosion, equipment malfunction or deformation.
- Do not press the screen using powerful pressure.
There is risk of product break-down or malfunction.

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PART DESCRIPTION

LG Premium Wired remote controller



Operation display window: Displays operation and setting status

Touch screen: Control of product operation and setting status

*If user presses in many places of touch screen at the same time, touch panel can't response

Back button: Move to the previous setting screen

Home button: Move to the default screen

Wireless reception port: Receives wireless remote controller signal

- This feature may be disabled depending on the indoor products.

Reset button: Reset wired remote controller

- If you press the reset hole with a sharp object, the power will be reset.

*If you press it too hard, it may cause failure.

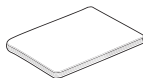
Accessories



Connecting cable
(1 EA)



Remote controller
fixing screws (4 EA)



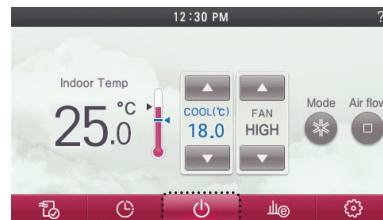
User/Installation Manual

OPERATION SETTING

On/Off

Air conditioner and ventilator will be turned on or off.

- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- Press On/Off button in the screen.
 - If the product is in operation, Go Back button and Home button will be illuminated.
 - If the product is in stop, Go Back button's backlight and Home button's backlight will be off.

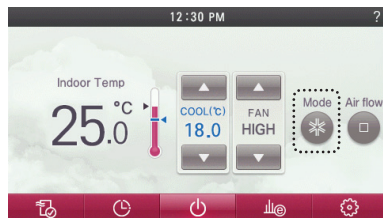


- If you press On/Off button during the use, product operation will stop.

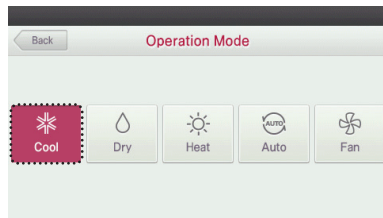
General Cooling Operation

Maintains proper cooling comfort.

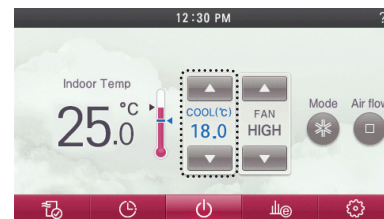
- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- During the operation of the product, press the mode button on the screen.
 - The operation mode selection screen is displayed.



- In operation mode selection screen, press the 'Cool' button.
 - The initial temperature set for cooling operation is 18°C (64°F).



- Press the temperature control button to adjust the desired Indoor temperature.
 - Indoor temperature is displayed on the remote controller default screen. (As below the picture)
 - Depending on the indoor unit type, the desired temperature can be controlled in increments 1°C or 0.5°C (2°F or 1°F)



- ✦ If the desired temperature is set higher thermal cooling does not turn on and only the fan will operate.

- If you press On/Off button during the use, product operation will stop.

What is a 3 minute delay function?

If the indoor unit is operated right after stopping the cooling, no thermal cooling is allowed. This function protects the compressor from malfunctioning. Compressor starts 3 minutes after and the fan starts.

NOTE

- Setting temperature range :
 - Option 1. 64~86 °F (18~30 °C) (default setting)
 - Option 2. 64~99 °F (18~37.5 °C)
 - Option 3. 50~99 °F (10~37.5 °C) (if connecting to indoor unit with 2set point function)
- The difference between the indoor temperature and the outdoor temperature is recommended to be 5 °C.

Power Cooling

It performs a strong cooling in a short period of time.

- Press remote controller screen 1 time to turn on.
- If remote controller operation is not used, screen will go into energy savings mode.
- During the cooling operation, if you press fan speed '▲' button, power cooling is performed after fan speed 'HIGH'.
✱ For some indoor units products, according to whether there is a wind amount function, power cooling is performed after fan speed 'POWER'.
- During the cooling operation, if you press fan speed '▼' button, power cooling is performed after fan speed 'AUTO'.
✱ For some indoor units products, according to whether there is a fan speed function, power cooling is performed after fan speed 'LOW' or 'SLOW'.



- If you operate the fan speed control button during the usage, power cooling is turned off and fan speed and set temperature returns to the setting before the power cooling.

What is power cooling?

- Desired temperature: 18°C (64°F)
- Fan Speed: 'POWER'
- Fan direction: fixed to cooling operation position

} These operations quickly decrease the indoor temperature.

✱ Some products do not have the power cooling function.

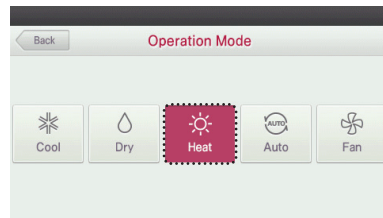
Heating Operation

Provides warm air to the space.

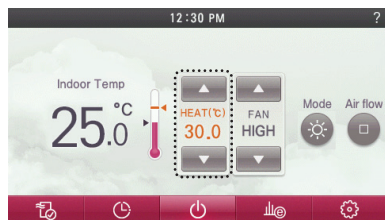
- Press remote controller screen 1 time to turn on.
- If remote controller operation is not used, screen will go into energy savings mode.
- During the operation of the product, press the mode button on the screen.
- It moves to the operation mode selection screen.



- In operation mode selection screen, press the 'Heat' button.
- The heating operation's initial set temperature is 30°C (86°F).
- Depending on the indoor unit type, the desired temperature can be controlled in increments 1°C or 0.5°C (2°F or 1°F)



- Press the temperature control button to set the desired temperature higher than the indoor temperature.
 - Indoor temperature is displayed on the remote controller default screen. (As below the picture)
 - According to the indoor unit type, the desired temperature can be controlled in the units of 1°C or 0.5°C (2°F or 1°F)



* If the desired temperature is set lower than the indoor temperature, heating mode is disabled.

- Pressing the On/Off button during the use, product operation will stop.

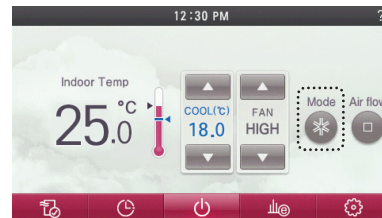
! NOTE

- Setting temperature range :
 - Option 1. 60~86 °F (16~30 °C) (default setting)
 - Option 2. 40~86 °F (4~30 °C)
 - Option 3. 40~90 °F (10~32 °C) (if connecting to indoor unit with 2set point function)
- For cooling-only model can not be selected heating.

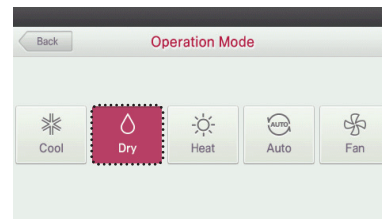
Dehumidification Operation

Removes moisture from the air.

- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- During the operation of the product, press the mode button on the screen.
 - It moves to the operation mode selection screen.



- In operation mode selection screen, press the 'Dry' button.
 - The dehumidification operation's initial fan speed is 'LOW'.
 - Desired temperature setting is disabled when the dehumidifying operation.



- If you press On/Off button during the use, product operation will stop.

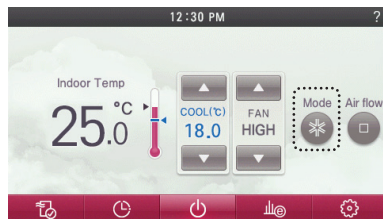
! NOTE

You can effectively remove moisture and perform cooling operation at the same time if you use this function during rainy season or when the humidity is high.

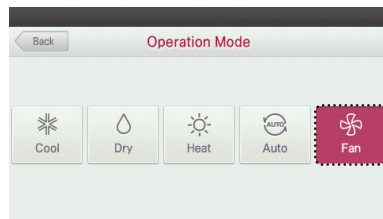
Fan Only Operation

Only fan will circulate air.

- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- During the operation of the product, press the mode button on the screen.
 - It moves to the operation mode selection screen.



- In operation mode selection screen, press the 'Fan' button.



- If you press On/Off button during the use, product operation will stop.

! NOTE

It only circulates indoor air

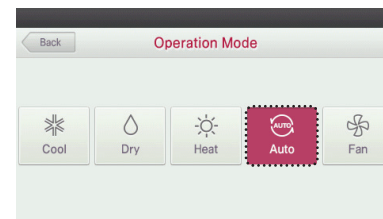
Artificial Intelligence / Automatic Operation

Operation provides heating and cooling to satisfy space requirements.

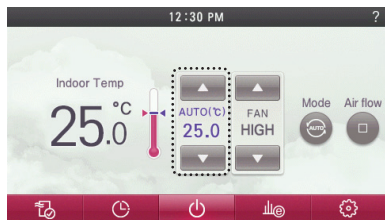
- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- During the operation of the product, press the mode button on the screen.
 - It moves to the operation mode selection screen.



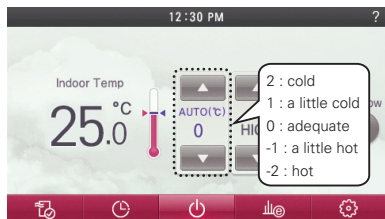
- In operation mode selection screen, press the 'AUTO' button.



- If it is cooling/heating model, you can control the desired temperature.
 - Indoor temperature is displayed on the remote controller default screen. (As below the picture)
 - According to the indoor unit type, the desired temperature can be controlled in the units of 1°C or 0.5°C (2°F or 1°F)



- If it is cooling only model, you can control the stages from 'hot' to 'cold' with values of '-2' to '2' based on '0'.



ex) If you feel cold, select "2".
 If you feel a little cold, select "1".
 If you want to keep the current state to select "0".
 If you feel a little quite warm and select "-1".
 If you feel quite warm and select "2".

- If you press On/Off button during use, product operation will stop.

NOTE

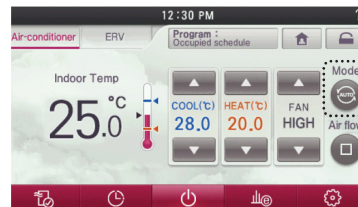
If it does not work as desired, select another operation mode.

2 set point auto operation (North America Only)

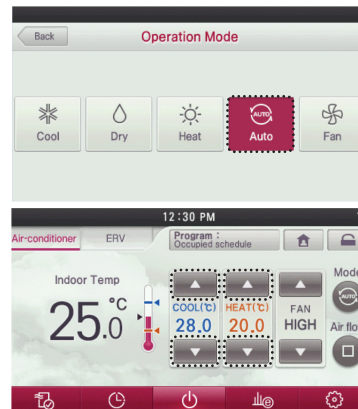
The indoor unit automatically manages room temperature with heating and cooling with extended setting temperature ranges.

2 set point auto mode can operate in 2 set point control mode.

- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- During the operation of the indoor unit, press the mode button on the screen.
 - It moves to the operation mode selection screen.



- In operation mode selection screen, press the 'AUTO' button.
 - "AUTO" when the operation mode is selected, desired temperature is indicated cooling and heating temperature is desired.
 - "COOL" operation mode when selected, displays only the desired cooling temperature (cooling only the desired temperature control available)
 - "HEAT" only when the operation mode selection, Heating desired temperature is displayed (only heating temperature control can hope)



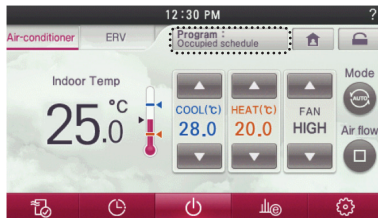
Override control

The wired remote controller manages indoor unit status based on programmed control events. User can set timer option at override function and return to original schedule event.

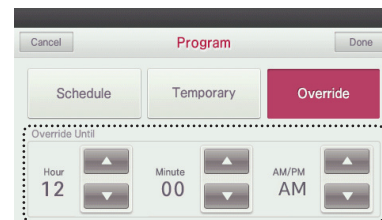
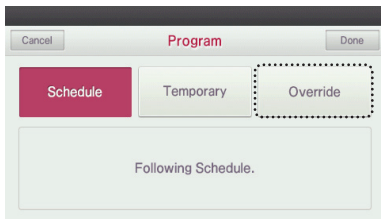
The ability to switch temporarily to the current occupancy status Override function.

- If the current "occupied" state, the transition to the "absence" status when "Override" action.
- If you are a "member" status, "Override" switch to "occupied" state during operation.
- Changes to the current reservation status before the close time and basically, (Find based on occupancy status will be changed by the "Override".).
- Please refer to "Note" for other details.

- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- Press the Program button on the screen.
 - It moves to schedule operation mode selection screen.



- In schedule operation mode selection screen, press the 'Override' button.
 - Press the Override button "Override" menu will be displayed for setting the end time.
 - You can default value set 'Override time' by 'Function setting – Override set time'



NOTE

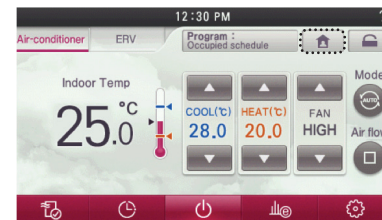
- It revert to default operation setting if Thermostat doesn't have last occupied schedule in unoccupied override.
 - default operation setting: Auto operation mode / set temperature : 86 °F(30 °C)(cool), 60 °F(16 °C)(heat)
- It revert to set back operation setting if Thermostat doesn't have last unoccupied schedule in occupied override.
 - set back operation setting : Auto operation mode / set back setting temperature: function setting – set back temperature.
- It can be canceled, if Thermostat receive command from other controller.
- When changes occur in the setting by a daytime reservation operation, the schedule override mode gets deactivated.

Home leave (Unoccupied Mode)

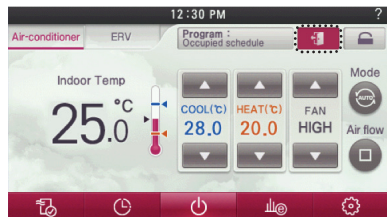
The "Home Leave" function enables proper operation of indoor unit when a space is left for a period of time.

This feature can only be used when Control type setting is set to the 2 setpoint control mode

- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- Press the home leave button on the screen.
 - Change to 'home leave set temperature' setting value.
 - Home leave operation setting : Setting / Function / Home Leave Set Temperature.



- Touch panel is locked until you release the "Home Leave" mode.



! NOTE

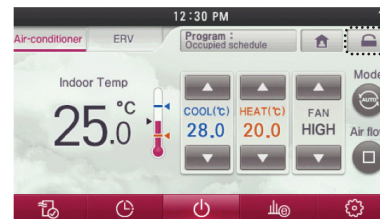
- You can't change setting in home leave mode except cancel the set back mode.
 - lock popup is displayed on the window.
- It can be canceled ,if remote controller receive command from other controller.
- When commands are received by other controllers, the home leave mode gets deactivated.
- When the home leave mode is deactivated, the following takes place.
 - The set points shall go to the current schedule set points.
 - If there are no weekly schedule, the set point shall go to the last set points before the home leave operation.
 - If there are no set point before the setback operation, the set points will go to the default if the values have not been adjusted.
 - Default setting will be auto. (heat 60 °F(16 °C), cool 86 °F(30 °C))

Hold

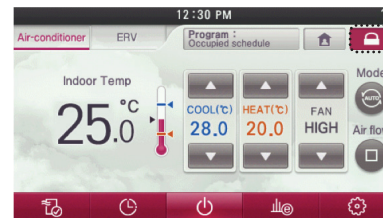
It is a function that holds the current mode of operation.

If it is on hold, weekly or yearly or holiday schedule cannot be operation.

- Press the hold button on the screen.



- Touch panel is locked until you release the "Hold" mode while driving in the "Hold" mode.



! NOTE

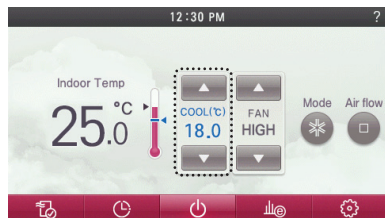
You can't change setting in 'Hold' except cancel the 'Hold'

- It can be canceled ,if Thermostat receive command from other controller.
- When commands are received by other controllers, the Hold mode gets deactivated.

TEMPERATURE SETTING

Controlling Desired Temperature

- Press the remote controller screen's temperature setting button to set the desired temperature.
 - In cooling, heating, and artificial intelligence And 2setpoint auto mode, you can control the desired temperature.



During the cooling operation

- If the desired temperature is higher than the indoor temperature, cooling is not performed.
- Set the desired temperature below the indoor temperature.

During the heating operation

- If the desired temperature is lower than the indoor temperature, heating is not performed.
- Set the desired temperature higher than the indoor temperature.

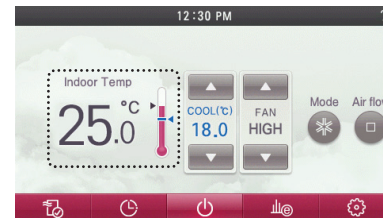
! NOTE

According to Control type setting value

- 1Set points
 - You can select the desired temperature from 18 °C~30 °C(64~86 °F) for cooling operation and 16 °C~30 °C(60~86 °F) for heating operation.
- 2Set points
 - You can select the desired temperature from 18 °C ~ 30 °C(64~86 °F) for cooling operation and 16 °C~30 °C(60~86 °F) for heating operation.
 - * A temperature area of extended range can be selected through desired temperature range setting option.
 - Cooling : 16~37.5 °C (64~99 °F) / Heating : 4~30 °C (40~86 °F)
- The temperature difference between the indoor temperature and the outdoor temperature is recommended to be 5 °C.(86 °F)

Check Room Temperature

- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- On the remote controller main screen, you can check the room temperature.



! NOTE

The temperature distribution in the remote controller installation space is not uniform, so there can be a little difference between the temperature you actually feel and the remote controller's room temperature display

According to Control type setting value

- 1Set points
 - Fahrenheit: 34~99 °F
 - below 34 °F: display 'LO'
 - over 99 °F: display 'HI'
 - Celsius: 0.5~39.5 °C
 - below 0.5 °C: display 'LO'
 - over 39.5 °C: display 'HI'
- 2Set points
 - Room temperature display range
 - Fahrenheit: 52~99 °F
 - below 52 °F: display 'LO'
 - over 99 °F: display 'HI'
 - Celsius: 10.5~39.5 °C
 - below 10.5 °C: display 'LO'
 - over 39.5 °C: display 'HI'
 - For indoor temperature below 50 °F (10 °C), the value perceived by the Thermostat(with cable) is displayed.
- Because of location of Temperature sensing, the real room temperature and the this displayed value can be different.

WIND SETTING

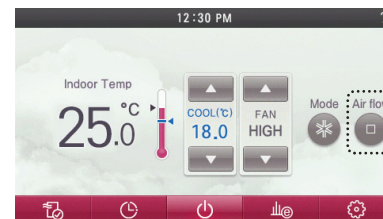
Fan speed Control

- Press the fan speed button to set the desired fan speed.
 - Every time you press the fan speed button
 - You can select the fan speed in the order of 'SLOW' → 'LOW' → 'MED' → 'HIGH' → 'POWER' → 'AUTO'.
 - Depending on the product function, some fan speed may not be selected.



Airflow Control

- During the indoor unit operation, press the screen's 'Air flow' button.
 - It moves to the direction of air flow selection screen.



- In the airflow selection screen, press the button in the desired air flow direction.
 - Some Air Flow options may not be available due to the of indoor unit selected.

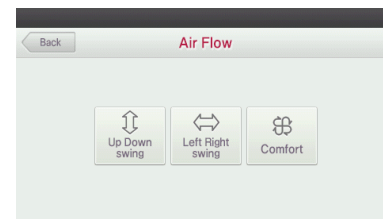



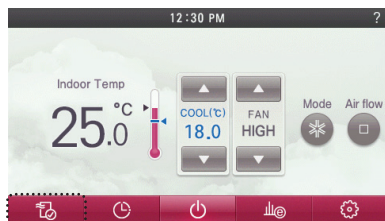


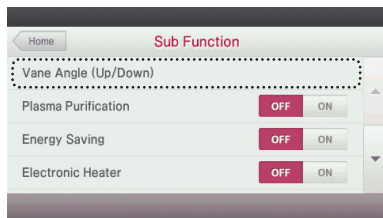
Figure	Description
	Automatically changes the airflow to up and down.
	Automatically changes the airflow to left and right.
	If it is connected to a indoor unit with 4 vanes exits, Air moves by crossing over and swinging 1,3 and 2,4 vanes.

Up/Down Vane Angle Setting

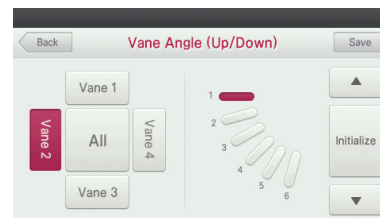
- During the indoor unit operation, press screen's 'additional function menu' button.
- It moves to additional function selection screen.



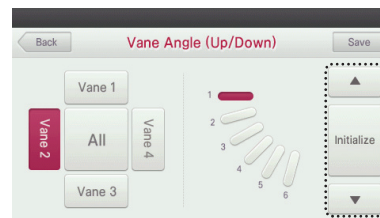
- In the setting menu list, press 'Vane Angle(Up/Down)'
- It moves to Vane Angle (Up/Down) Setting screen.



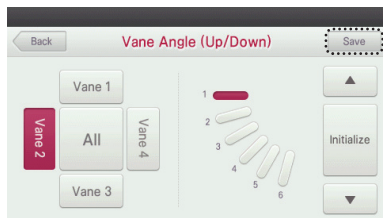
- In Vane Angle (Up/Down) Setting screen, press the button of the vane to control the air flow angle.
 - Up and down button and check the moving vane.
 - To set the angles of all the vanes at the same time, select 'All' button.



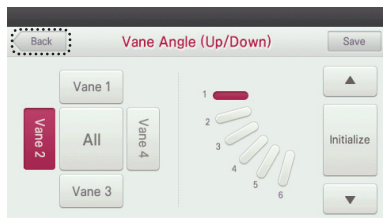
- Press '▲' and '▼' button to select the vane angle of the selected one.
 - Vane angles of movement are offered 5 stages or 6 stages according to each indoor unit.
 - To reset to the initial factory default setting state, press 'Initialize' button.
 - 'Initialize' is selected, and select all the vanes are fixed to the initial value (vane angle 3)



- Press 'Save' button to save the vane angle setting.
 - If you exit without pressing the Save button, changed value will not be applied.
 - When you press the Save button, only the values currently displayed on the screen will be applied. Example) Select vane 1 → Change angle → Save → Select vane 3 → Save
 - Verify by sight that the new vane angle setting has been applied. If the vane angle stays at the original (pre-setting change) angle, your changes were not saved through the screen display.



- Set the vane angles of the remaining vanes using the same procedure as above.
 - Depending on the model of your indoor unit, you may only have 1 or 2 vane settings that can be applied (i.e., 1-way or 2-way cassettes).
- If you press 'Back', 'Go Back', or 'Home' button, it will exit from the setting menu.
 - If there is no button input for about 60 seconds, it automatically exits from the setting menu.

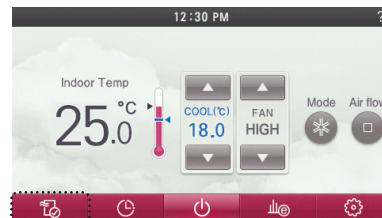


SUB FUNCTION SETTING

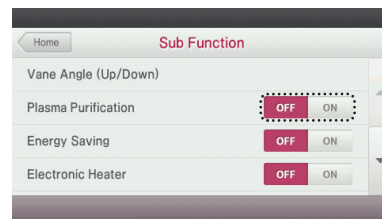
Plasma Purification Setting

Improves indoor air quality

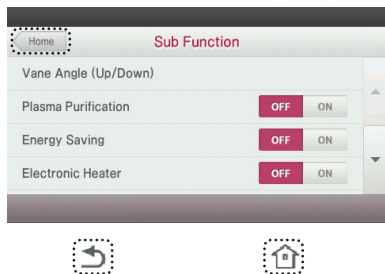
- During the product operation, press the screen's 'additional function menu' button.
 - It moves to additional function selection screen.



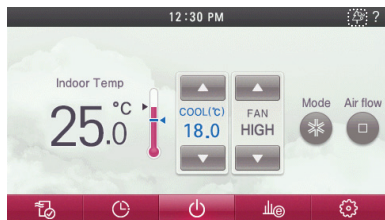
- In Additional Function Setting screen, press 'Plasma Purification', 'OFF/ON' button to activate or turn off the desired function.



- If you press 'Go Back' or 'Home' button, it will exit from the setting menu.
- If no buttons are pressed within 60 seconds after setting functions, it automatically exits from the setting menu.



- The set additional operation symbol is displayed at the top right of the remote controller main screen.



! NOTE

- Plasma Purification is an additional function, and it may not be displayed or performed in some indoor unit models.
- Air cleaning function can only work when indoor unit is in operation.
- If you want to operate purification only, set the plasma purification in fan mode.

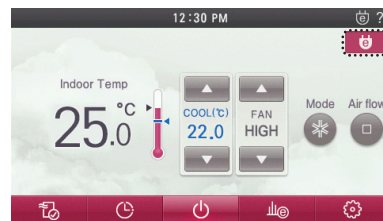
Energy-Saving Cooling Setting

Energy-Saving cooling function enhances the comfort of the user and to improves the Energy-Saving performance by controlling the desired temperature during the cooling operation. This function is only available during the cooling operation.

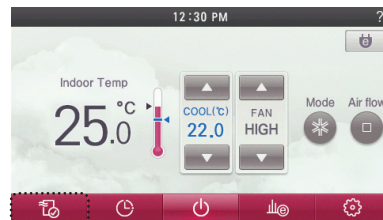
- During the indoor unit operation, press "Energy Saving" button at the top right of the screen.
 - The Energy-Saving cooling is set.



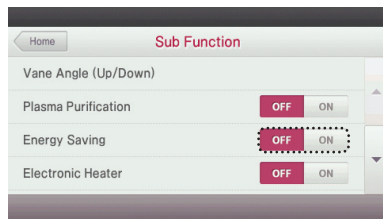
- The set additional operation is displayed at the top right of the main screen.
 - If you press 'Energy Saving' button one more time, it will be turned off.



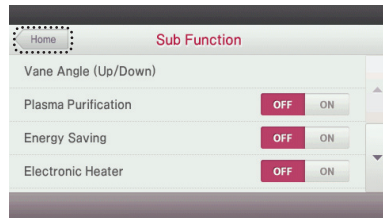
- You can also set or turn off the Energy-Saving cooling through the additional operation menu.
- During the indoor unit operation, press the screen's 'additional function menu' button.
 - It moves to the additional function selection screen.



- In additional function setting screen, press 'Energy Saving' category's 'OFF/ON' button to set or turn off the desired state.



- If you press 'Go Back' or 'Home' button, it will exit from the setting menu.
 - If no buttons are pressed for 60 seconds, it automatically exits from the setting menu.



- The set additional operation is displayed at the top right of the main screen.



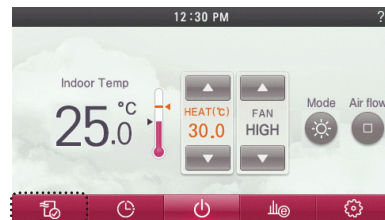
NOTE

- You can set the Energy-Saving function only during the cooling operation.
- Energy-Saving function may not work in some indoor unit products.

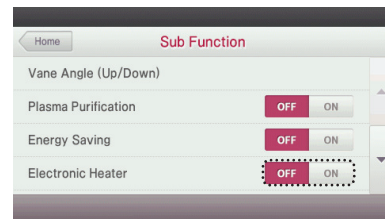
Heater Setting

It is the function to reinforce the heating performance by turning on the electric heater during the heating operation. It can be set only during heating operation.

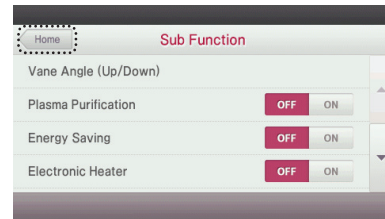
- During the indoor unit operation, press the screen's 'additional function menu' button.
 - It moves to additional function selection screen.



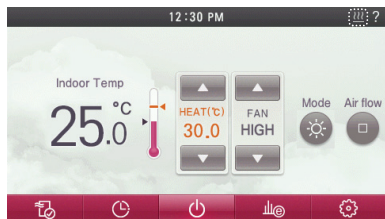
- In additional function setting screen, press 'Electric Heater' category's 'OFF/ON' button to set or turn off the desired state.



- If you press 'Go Back' or 'Home' button, it will exit from the setting menu.
 - If no buttons are pressed for 60 seconds, it automatically exits from the setting menu.



- The set additional operation is displayed at the top right of the default screen.



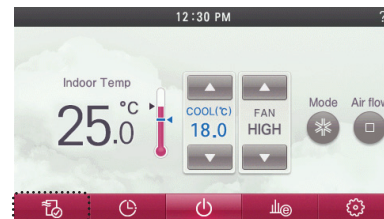
NOTE

Heater function may not work in some indoor unit products.

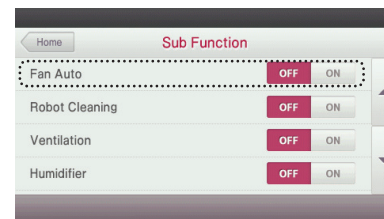
Fan Auto Setting

Select fan operation after performing thermal control of indoor units.
If set to 'ON', fan operation keeps on after thermal operation of indoor units.

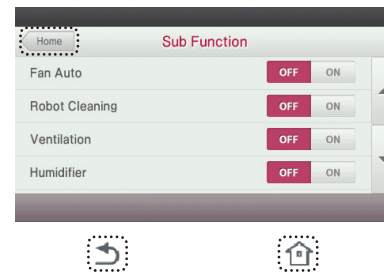
- During the indoor unit operation, press the screen's 'additional function menu' button.
 - It moves to additional function selection screen.



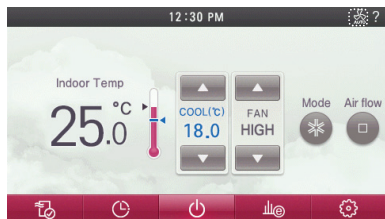
- In additional function setting screen, press 'Fan Auto' category's 'OFF/ON' button to set or turn off the desired state.



- If you press 'Go Back' or 'Home' button, it will exit from the setting mode.
 - If there is no button input for about 60 seconds, it automatically exits from the setting mode.



- The set additional operation is displayed at the top right of the default screen.



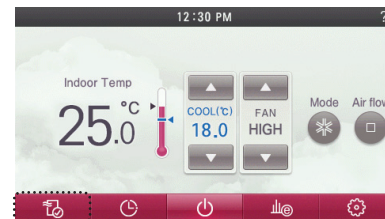
NOTE

Fan auto function may not work in some indoor unit products.

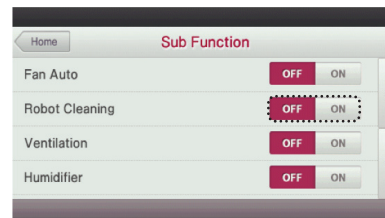
Robot Cleaning Setting

The robot cleaning function is a function to automatically clean the filter with the cleaner installed in the product after using the air conditioner for certain time period. It can be set 30 seconds after stopping the operation.

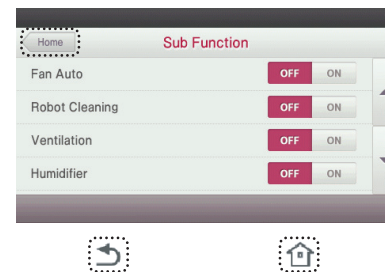
- During the indoor unit operation, press the screen's 'additional function menu' button.
 - It moves to additional function selection screen.



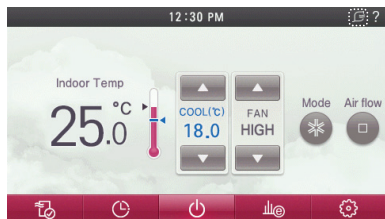
- In additional function setting screen, press the 'Robot Cleaning', 'OFF/ON' button to set or turn off the desired state.



- If you press 'Go Back' or 'Home' button, it will exit from the setting menu.
 - If no buttons are pressed for 60 seconds, it automatically exits from the setting menu.



- The set additional operation is displayed at the top right of the default screen.



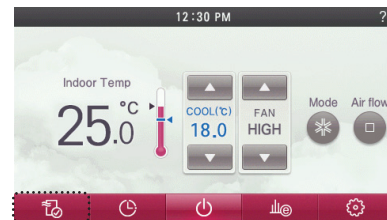
! NOTE

Robot cleaning setting function may not work in some indoor unit products.

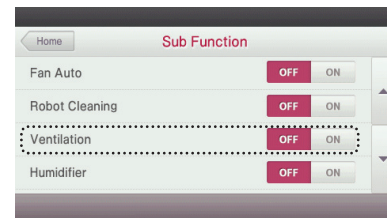
Ventilation kit Setting

Function enables operation of an optional ventilation kit with indoor units

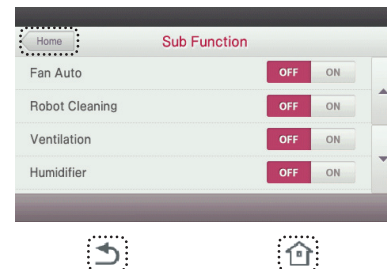
- During the indoor unit operation, press the screen's 'additional function menu' button.
 - It moves to additional function selection screen.



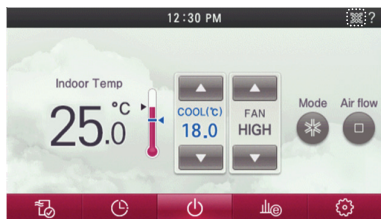
- In additional function setting screen, press 'Ventilation' category's 'OFF/ON' button to set or turn off the desired state.



- If you press 'Go Back' or 'Home' button, it will exit from the setting menu.
 - If no buttons are pressed for 60 seconds after the setting, it will automatically exit from the setting menu.



- The set additional operation is displayed at the top right of the default screen.



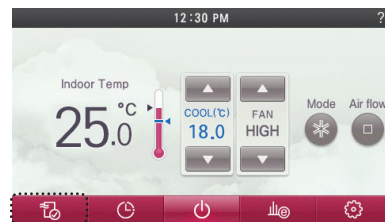
! NOTE

Ventilation kit control function may not work in some indoor unit products.

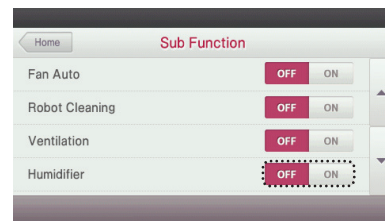
Humidifier Setting

Function enables a humidifier if one is installed to maintain space comfort.

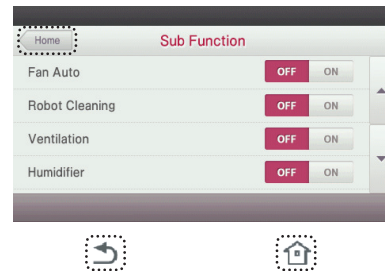
- During the product operation, press the screen's 'additional function menu' button.
 - It moves to additional function selection screen.



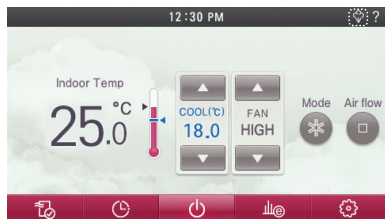
- In additional function setting screen, press 'Humidifier', 'OFF/ON' button to set or turn off the desired state.



- If you press 'Go Back' or 'Home' button, it will exit from the setting menu.
 - If no buttons are pressed for 60 seconds it automatically exits from the setting menu.



- The set additional operation is displayed at the top right of the default screen.



NOTE

Humidification function may not work in some indoor unit products.

Zone Control

A function to control zone with duct type indoor units. Wired Remote controller can control maximum 8 zones.

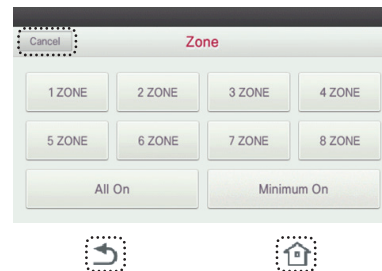
- During the product operation, press the screen's 'Zone' button.
- It moves to the direction of Zone open / close screen.



- Select zone button that you want to control.



- If you press 'Go Back' or 'Home' button, it will exit from the setting menu.



! NOTE

according to installation setting value

- If no function is supported
 - This entry can not function.
- old type
 - Zone control is currently only available to monitor.
- new type(4zone or 8Zone)
 - Any number of zones is installed is displayed on the screen can be controlled.

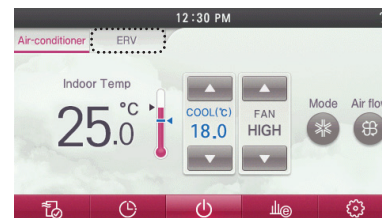
OPERATION SETTING - Ventilator

Air conditioner - Ventilation Control Switching

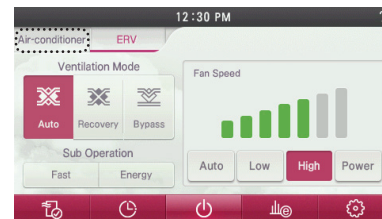
This function is only used when air conditioner and ventilator are connected to one remote controller.

The function operates to use thermal cooling along with ventilation to provide space comfort.

- Press remote controller screen 1 time to turn on.
 - If remote controller operation is not used, screen will go into energy savings mode.
- During the product operation, press the 'ERV' tab.
 - It switches from the air conditioner mode to the ventilation mode.



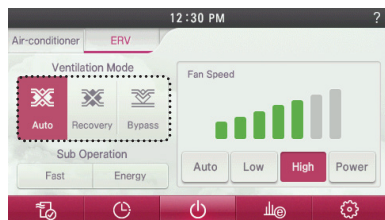
- How to switch to the air conditioner mode
 - Automatic switching: If no buttons are pressed for 15 seconds or longer in ventilation mode, it automatically switches to the air conditioner control/monitoring interface.
 - Manual switching: If you press the air conditioner Tab in ERV interface, it manually switches.






General Ventilation Operation Mode

You can select the ventilation mode when it is connected to a ventilation product.

- Press remote controller screen 1 time to turn on.
- If remote controller operation is not used, screen will go into energy savings mode.
- During the indoor unit operation, press the desired ventilation mode button.



Ventilation mode	Function Description
	It measures the ventilation system's indoor temperature and outdoor temperature to automatically operate in the optimal ventilation mode.
	Perform both air supply/discharge ventilation through the heat exchanger. Suitable for use in Summer/Winter during large temperature differences between indoor/outdoor.
	Used to keep discharged air from entering the heat exchanger. Used during the Spring/Fall seasons to keep allergens or pollutant from entering the room.

Ventilator with DX(Direct eXchanger) Operation Mode

It uses the heat exchanger inside the ventilation product to perform the ventilation operation function at the same time of cooling or heating operation.

- Press remote controller screen 1 time to turn on.
- If remote controller operation is not used, screen will go into energy savings mode.
- During the indoor unit operation, press the desired ventilation mode button.
- You can select Auto, Recovery, or Bypass mode.



- During the operation of the indoor unit, press the mode button on the screen.
- You can select Auto, Recovery, or Bypass mode.



- Press the remote controller screen's temperature control button to set the desired temperature.
- In cooling, heating, and automatic mode, you can control the desired temperature.

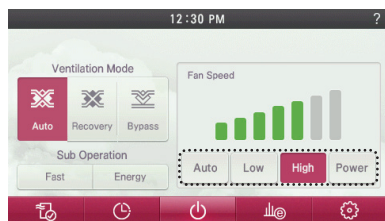


FAN SPEED SETTING - Ventilator

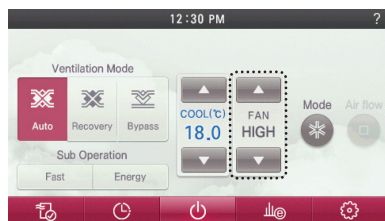
Fan speed Control

Remove sentence.

- Choose a fan speed button to set the desired Fan speed.
 - You can select the fan speed among Auto, Low, High, or Power.
 - For direct ventilation, press the fan speed button to select the fan speed in the order of 'Low' → 'High' → 'Power' → 'Auto'.
 - You can set and use the automatic fan speed after installing the air pollution (CO₂) sensor.



< General ventilation >



< Ventilation unit with DX>

ADDITIONAL MODE SETTING - Ventilator

Fast Mode

It quickly performs ventilation in a short period of time. It is a function for more efficient operation of the ventilation function through the fast mode, which is an additional function of the ventilation product.

- During operation, press the 'Fast' button.
 - Every time you press the 'Fast' button, it switches between express mode 'setting ↔ turned off' states.



Energy-Saving Mode

It performs Energy-Saving function at the same time of efficient ventilation.

- During operation, press the 'Energy' button.
 - Every time you press the 'Energy' button, it switches between Fast mode 'setting ↔ turned off' states.



! NOTE

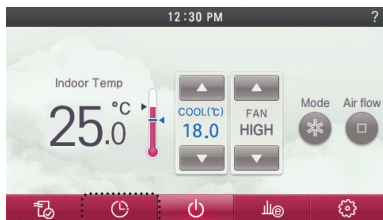
- General ventilator and the direct expenditure type ventilator have same additional operations (Fast mode, Energy-Saving mode).
- The additional operation setting method of the air cleaning/heater/humidifier, etc. are the same as the air conditioner.

TIMER & PROGRAM

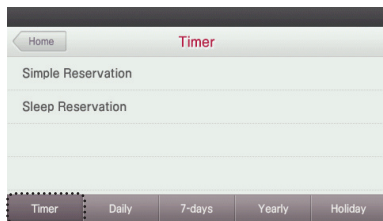
Simple Reservation

*Setting has the option to be set between 1-7 hours in 1 hour increments.

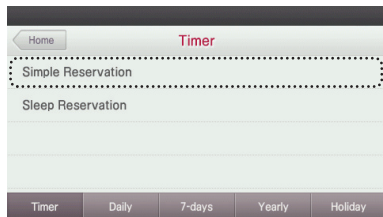
- Press the remote controller screen's 'Timer Setting menu' button.
- It moves to the Timer Setting menu screen.



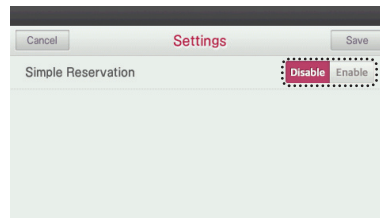
- In the Timer Setting menu screen, press 'Timer' button.
- It moves to the timer setting screen.



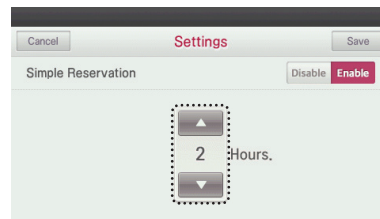
- In the timer setting menu screen, press 'Simple Reservation' category.
- It moves to the easy timer setting screen.



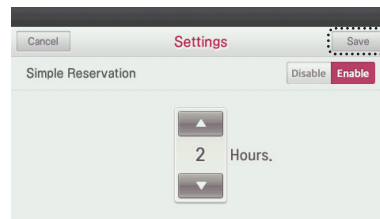
- In the easy timer setting menu screen, press 'Disable/Enable' button to set or turn off the easy timer.



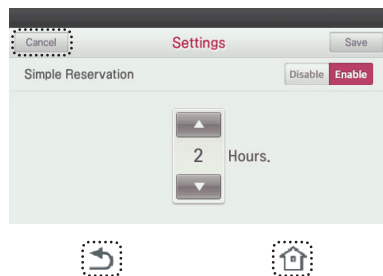
- During the Simple Reservation setting, press '▲', '▼' button to set the simple reservation time.
- You can select from 1~7 hours.



- Press the Save button when done.
- If you exit without pressing the Save button, your settings will not be saved.



- If you press 'Cancel' or 'Home' button, it will exit from the setting menu.
 - If no buttons are pressed for 60 seconds, it will automatically exit from the setting menu.



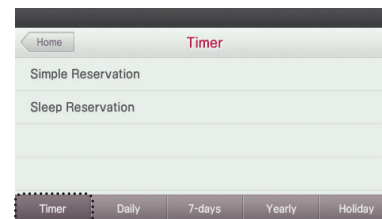
Sleep Reservation

Sleep Reservation Places the unit into sleep mode or lets the unit know to stop at a certain time. After connection with ventilation product, During the Sleep Reservation Setting, The system operations in Sleep mode, and when it passes the set time, only the Sleep Reservation is turned off.

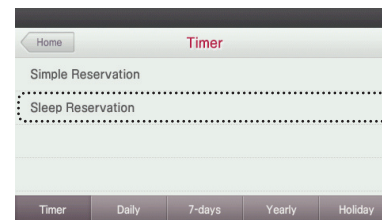
- Press the remote controller screen's 'Timer Setting menu' button.
 - It moves to the Timer Setting menu screen.



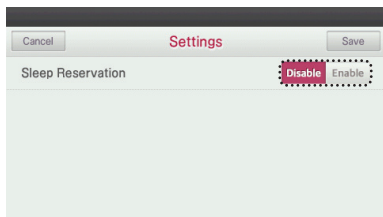
- In the Timer Setting menu screen, press the 'Timer' button.
 - It moves to the timer setting screen.



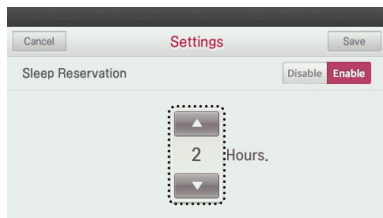
- In the timer setting menu screen, press the 'Sleep Reservation'.
 - It moves to the Sleep Reservation Setting screen.
 - Sleep Reservation can be activated when the indoor unit is in operation.



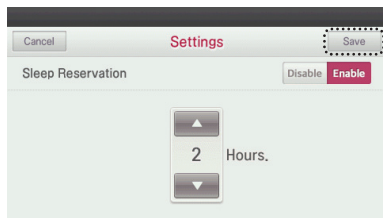
- In the Sleep Reservation Setting menu screen, press 'Disable/Enable' button to set or turn off this function.



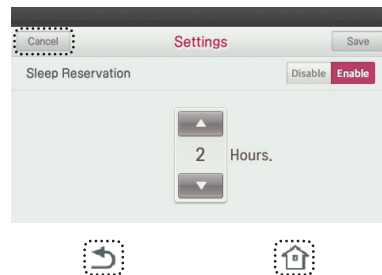
- During the Sleep Reservation setting, press '▲', '▼' button to set the sleep activation time.
 - Air conditioner: You can select from 1~7 hours.
 - Ventilation: You can select from 1~12 hours.



- Press the Save button when you are done to save all changes.
 - If you exit without pressing the Save button, your setting changes will not be applied.



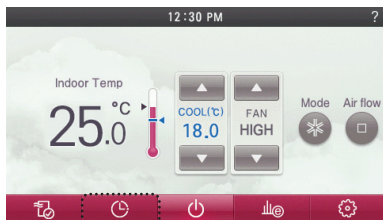
- If you press 'Cancel' or 'Home' button, it will exit from the setting menu.
 - If no buttons are pressed for 60 seconds, it will automatically exit from the setting menu.



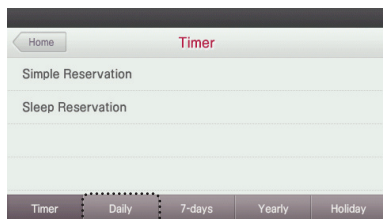
Turn-On Reservation

The unit is instructed to turn on at a set time automatically.

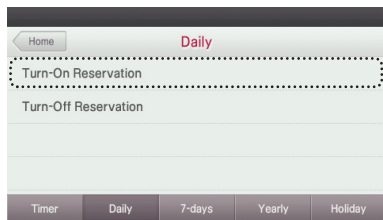
- Press the remote controller screen's 'Timer Setting menu' button.
- It moves to the Timer Setting menu screen.



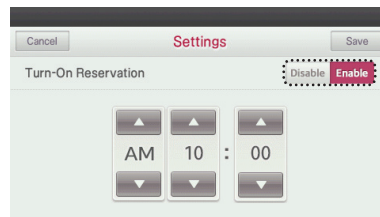
- In the Timer Setting menu screen, press 'Daily' button.
- It moves to the Daily Timer Setting screen.



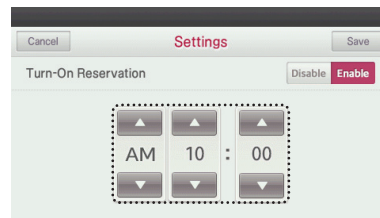
- In Daily Timer Setting menu screen, press 'ON Timer' category.
- It moves to ON Timer Setting screen.



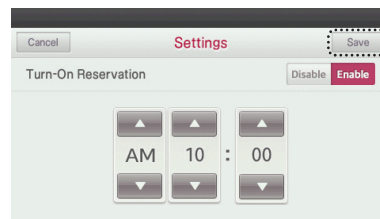
- In the Turn-On Reservation Setting menu screen, press 'Disable/Enable' button to set or turn off 'Turn-On Reservation'.



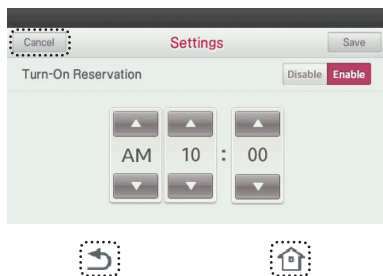
- Press '▲', '▼' button to set to turn on time.



- Press the Save button well done.
- If you exit without pressing the Save button, your changes will not be applied.



- If you press 'Cancel' or 'Home' button, it will exit from the setting menu.
- If no buttons are pressed for 60 seconds, it will automatically exit from the setting menu.



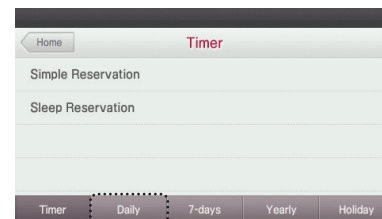
Turn-Off Reservation

The indoor unit is automatically turned off at the a set time.

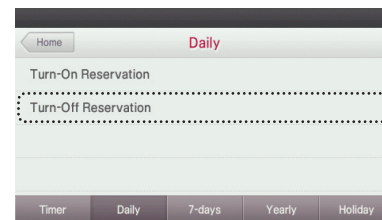
- Press the remote controller screen's 'Timer Setting menu' button.
- It moves to the Timer Setting menu screen.



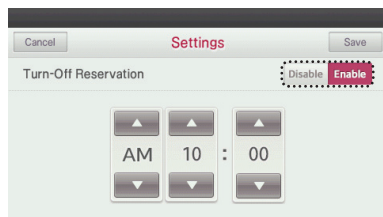
- In the Timer Setting menu screen, press 'Daily' button.
- It moves to the Daily Reservation Setting screen.



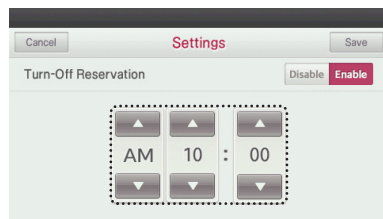
- In the Daily Timer Setting menu screen, press 'OFF Timer' category.
- It moves to the OFF Timer setting screen.



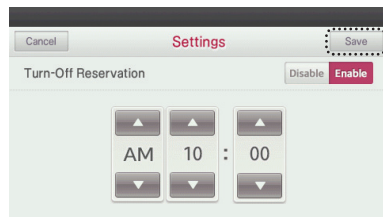
- In the OFF Timer Setting menu screen, press 'Disable/Enable' button to set or turn off the OFF Timer.



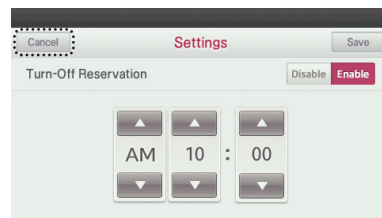
- Press '▲', '▼' button to set to turn off time.



- Press the Save button well done.
- If you exit without pressing the Save button, your changes will not be applied.



- If you press 'Cancel' or 'Home' button, it will exit from the setting menu.
- If no buttons are pressed for 60 seconds, it will automatically exit from the setting menu.

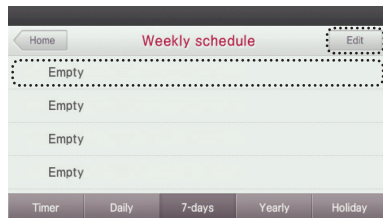


Create and Edit 7-Days Pattern

You can create and edit 7-day patterns that can be applied to weekly and yearly schedules

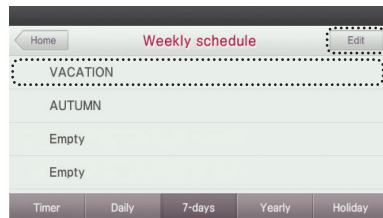
- Create a new pattern

- In the 7-Days schedule screen, press 'Edit' button, to edit patterns.
- Select one from the pattern list marked as 'Empty'.



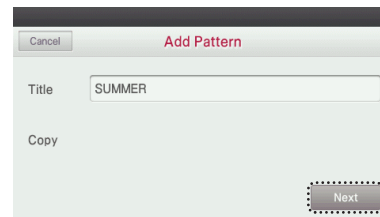
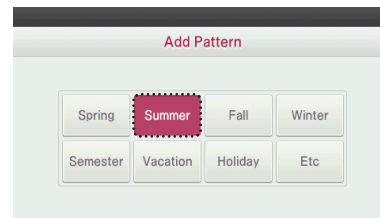
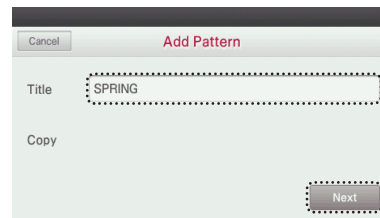
- Edit the existing patterns

- In the 7-Days schedule screen, press 'Edit' button, enter to edit patterns.
- Select a pattern to edit among the existing registered patterns.

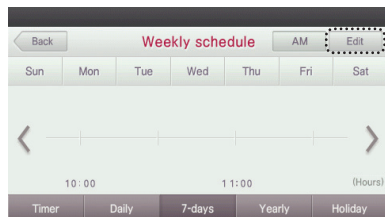


- Naming of the 7-Days pattern.

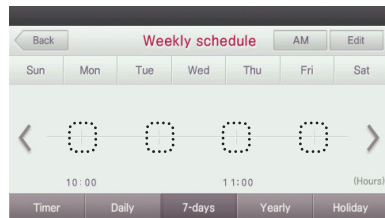
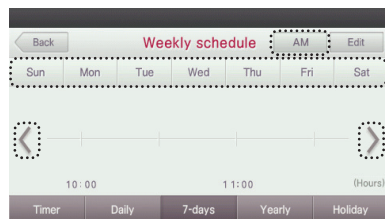
- You can select the name according to the desired usage among the pattern name list by selecting the pattern name edit box.
- Select the pattern name and select 'Next' button, then you can set the detail event setting.
- When editing, if you do not need to change the pattern name, you can move directly to the next step.



- Through the event edit, set the desired controls.
 - The Edit button will change to Save, so you can save your control settings.



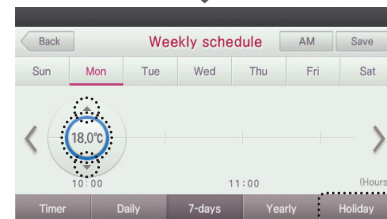
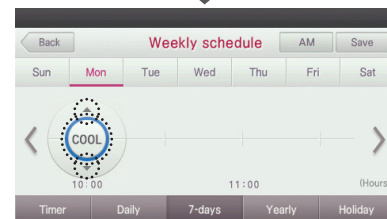
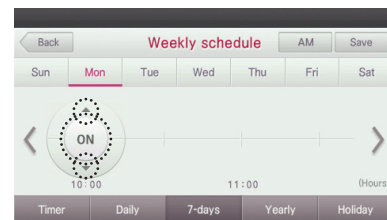
- Select the day of week and time to set the desired control event.
 - Choose the desired day off week, by pressing one of the days of the week buttons. Note that you can choose only one day of the week at a time.
 - Press the left or right arrow keys on the display to scroll the timer. You can also press the AM/PM button at the top of the screen to switch to morning or evening hours.
 - When choosing a time period, you can make choices in half and hour increments (30 minute time units).



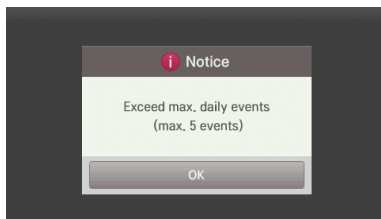
- Set the detail event.
 - When setting up a specific time through the weekly schedule screen, start by pressing the up or down smaller arrows located above and below the "ON" circle as shown below.
 - Pressing the center area of the circle, toggles the time On or Off and advances to the next event (example: mode, temperature, fan speed) as outlined in the flow setting below.

Indoor unit event setting flow : On/Off → mode → temperature → fan speed
 On/Off → occupancy → mode → temperature → fanspeed(in 2set control mode)
 * If you select Auto mode in 2set control operating mode increases the desired temperature setting step.(cooling temperature → heating temperature)

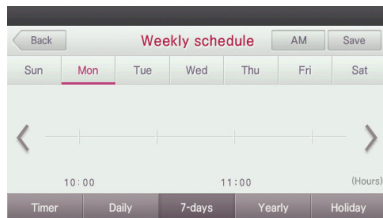
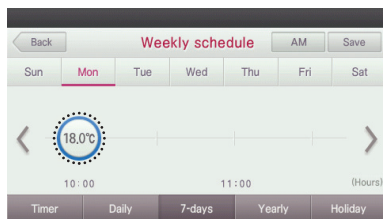
Ventilation event setting flow: On/Off → mode → fan speed



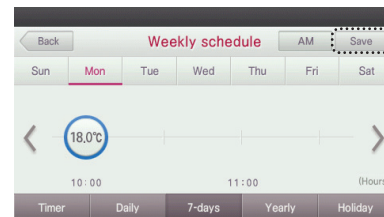
- You can register up to 5 events per day of week.
 - The following warning display will pop up on the screen if you try to schedule over 5 events.



- Delete a detail event.
 - To delete an event, press and hold for 2 seconds, a message to confirm whether to delete the event is displayed on the screen.

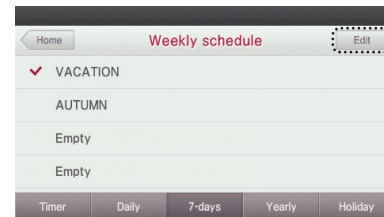


- Press Save, once the event has been deleted.
 - If you exit without pressing the Save button, the changes will not be applied.

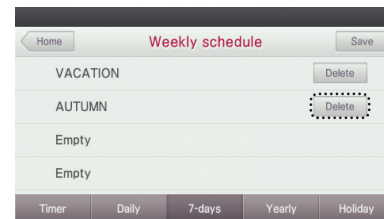


7-Days Pattern Deletion

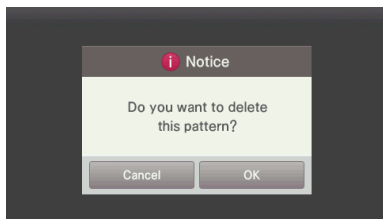
- In the weekly timer setting menu screen, press 'Edit' button.
 - It switches to the weekly timer edit state.



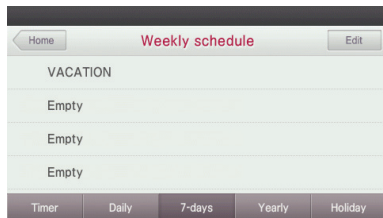
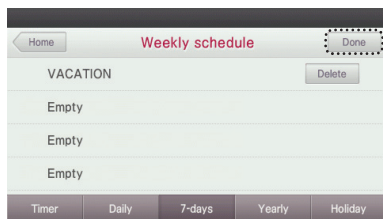
- Press 'Delete' button next to the pattern name to delete.



- The following confirmation message window is displayed.
- Press 'OK' button to delete.

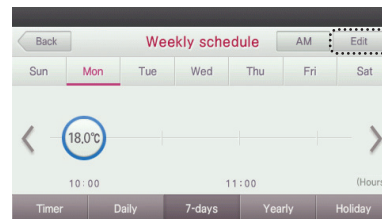


- Press 'Done' button to save the edited state.
- If you exit the screen without pressing 'Done', the edited information will not be applied.

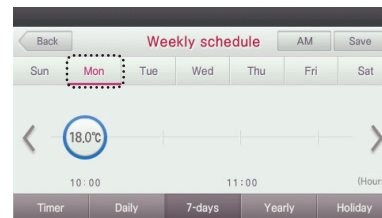


7-Days Pattern – Day of Week Event Copy/Paste

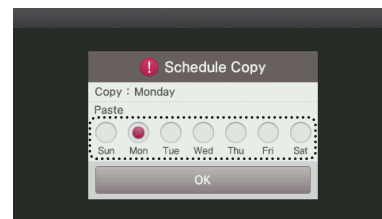
- In the weekly timer setting screen, press 'Edit'.
- It enters the weekly timer edit mode.



- In the weekly timer setting - timer event setting screen, press and hold the day of week button for 3 seconds to 'copy'.
- The timer copied day of week button will have a frame mark.



- The screen to select day of week will be displayed.
- The day of week to copy.

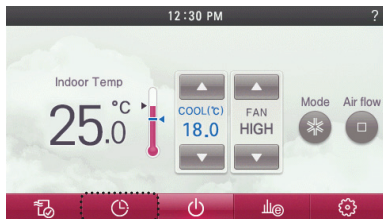


Weekly Schedule

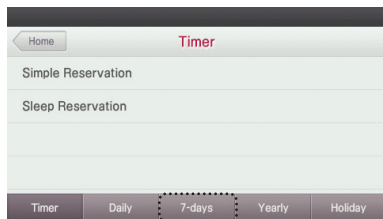
You can set the weekly schedule events in the unit of a week.

Note : Once you set the weekly schedule, the function will continue until it is cancelled.

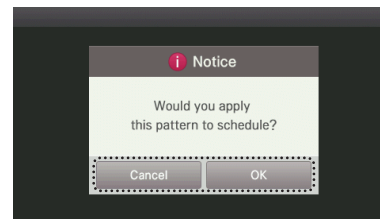
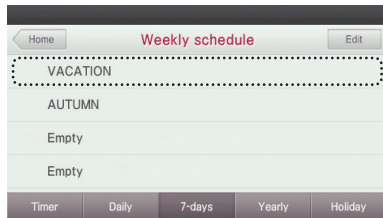
- Press the remote controller screen's 'Timer Setting menu' button.
- It moves to the Timer Setting menu screen.



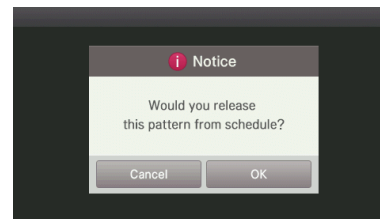
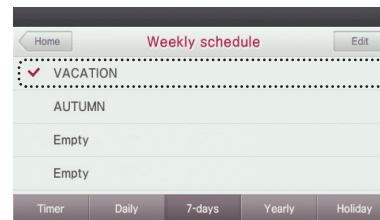
- In the Timer Setting menu screen, press '7-Days' button.
- It moves to the Weekly Timer Setting screen.



- In the weekly timer pattern list, select the pattern to apply to the weekly timer.
- When you select the desired pattern among the weekly schedule, a confirmation message window is displayed.
- If you select Confirm in the confirm message window, it is immediately applied, and the selection check will be marked next to the corresponding pattern name.



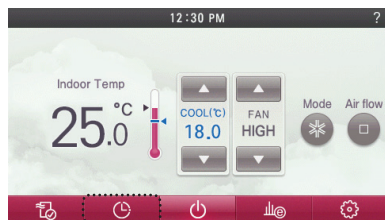
- Turning off the application of the pattern applied to the weekly schedule, halts weekly scheduled operation.
- If you select the pattern applied to the weekly timer one more time, turn off confirmation window is displayed.
- The weekly schedule will be cleared of the checkmark indicating that no schedule is associated to it.



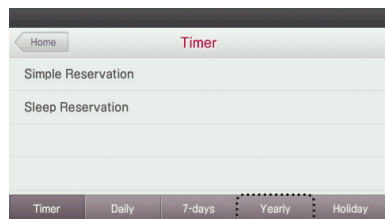
Yearly Schedule

You can set yearly schedules that can be applied by month.
It uses the weekly schedule to perform the Yearly schedule function.

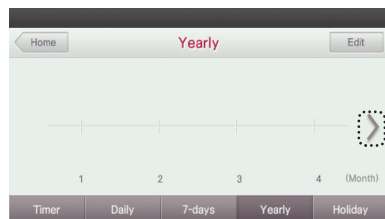
- Press the remote controller screen's 'Timer Setting menu's' button.
- It moves to the Timer Setting menu screen.



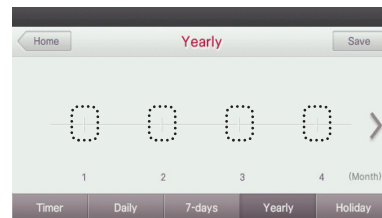
- In the Timer Setting menu screen, press 'Yearly' button.
- It moves to the Yearly schedule Setting screen.



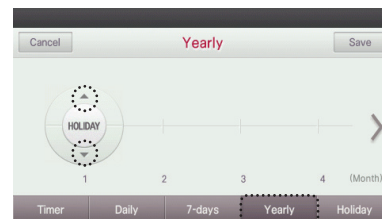
- Press '<', '>' button to advance through each month's numerical equivalent (1=Jan, 2=Feb, etc.)
- You can adjust in the units of 'month'.
- Example) June, July, August



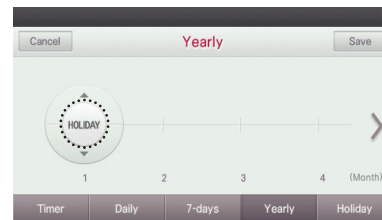
- In the yearly schedule screen, press the desired time area.
- Yearly Timer event is created.



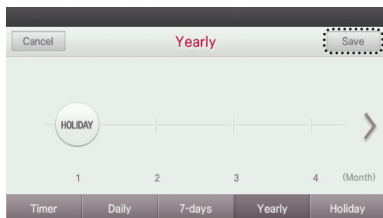
- Press ▲, ▼ button to select the weekly schedule pattern to use in the yearly schedule operation.
- You can set the Yearly schedule setting only when the weekly timer pattern is created.



- After selecting the yearly schedule, set by pressing the center circle.

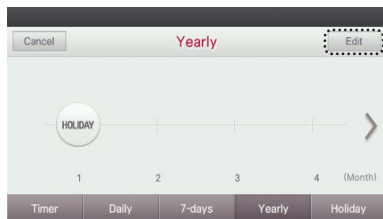


- Press the 'Save' button to save the set desired reservation.
- If you exit this screen before pressing the Save button, the changes will not be applied.

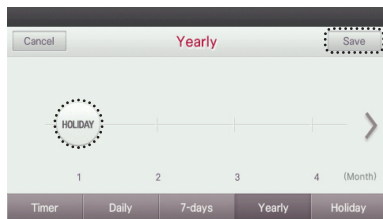


Delete Yearly Schedule

- In the yearly schedule screen, press 'Edit' button.
- The yearly schedule screen will be placed into edit mode.



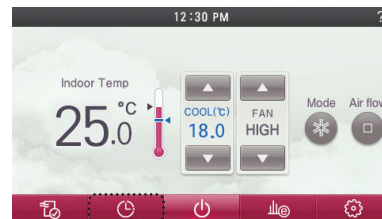
- Press the yearly event for 2 seconds or longer to delete.
- Yearly schedule event will be deleted.
- Verify the deletion, and press 'Save' button to apply the change.



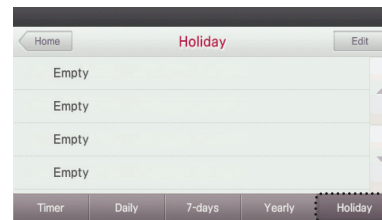
Holiday

It automatically stops on the set date.
If the operation is set, the operation stops at every o'clock.

- Press the remote controller screen's 'Timer' button.
- It moves to the Timer Setting screen.

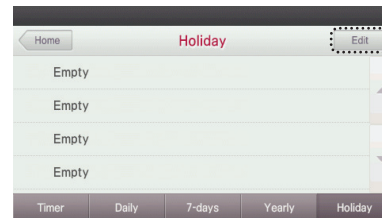


- In the Timer Setting screen, press 'Holiday' button.
- It moves to the Holiday Setting screen.

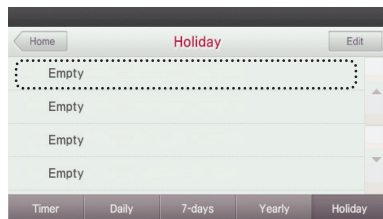


Add Holiday

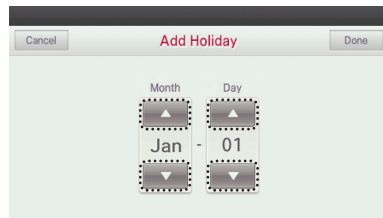
- In the Holiday Timer Setting screen, press 'Edit' button.
- It changes to a state that you can add scheduled holiday.



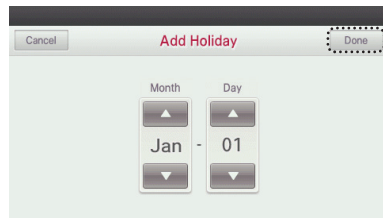
- Press empty to add a scheduled Holiday event.
 - It moves to Add Holiday screen.
 - You can make any changes to an already set timer for that Holiday.



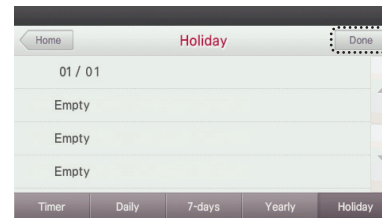
- Press '▲', '▼' button to set the date for a scheduled holiday.



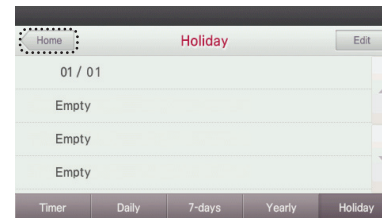
- Press Done to commit any date changes.
 - If you exit without pressing the Finish button, your changes will not be applied.



- In the Holiday Timer screen, press 'Done' button one more time to complete the addition of Holiday.
 - If you exit without pressing the 'Done' button, your changes will not be applied.
 - Pressing Done will close the edit mode of this screen.

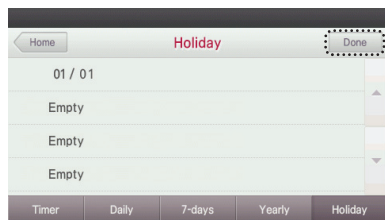


- Press 'Home', 'Go Back', or 'Home' button to exit from the setting screen.

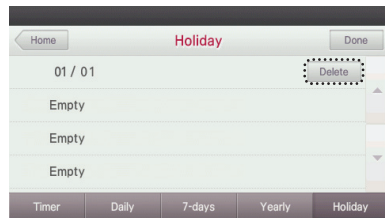


Delete Holiday

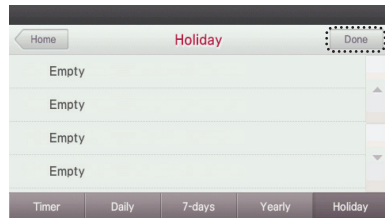
- In the Holiday screen, press 'Edit'.
 - It is changed to the state that you can delete a Holiday.
 - 'Delete' button is displayed on the right side of the section set as a holiday.



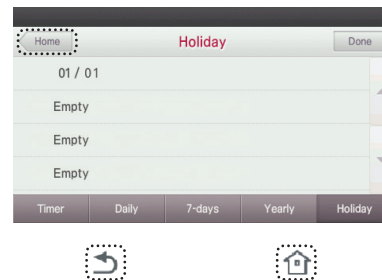
- Press the Holiday you want to delete and then press the Delete button to the right of that Holiday.



- After the deletion, press 'Done'.
 - If you exit without pressing the 'Done' button, your changes will not be applied.



- Press 'Home', 'Go Back', or 'Home' button to exit from the setting screen.

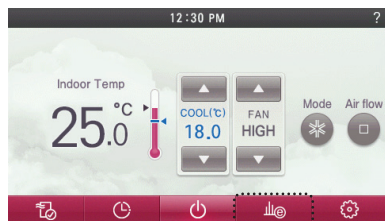


ENERGY

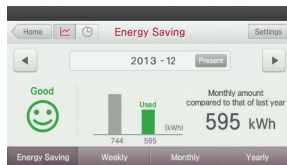
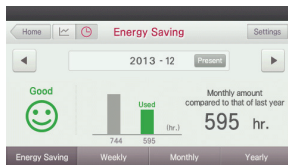
Check Energy Usage

You can check energy usage (operation time, power consumption).

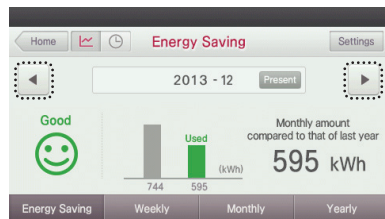
- Press the remote controller screen's 'Energy Saving menu' button.
- It moves to the Energy Saving setting menu screen.



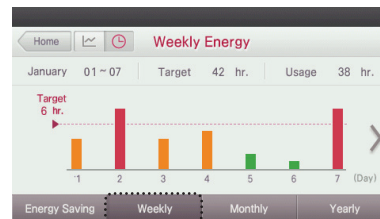
- From the Energy Saving setting screen, you can view the energy usage.
- Unit operation will be shown in total hours, while power consumption units will be shown in total KWh.
- The power consumption can be verified only when it is connected to the indoor unit that supports the power consumption information display function.



- Press '◀', '▶' button to move between the energy usage display 'month'.



- In the Energy Saving menu screen, press 'Weekly' button to view the weekly energy usage goal and the usage amount.
- The energy usage is displayed as a bar graph for each day of the week. The bars are color coded to indicate if the usage is under (green), near (yellow) or over (red) the target/goal energy setpoint.



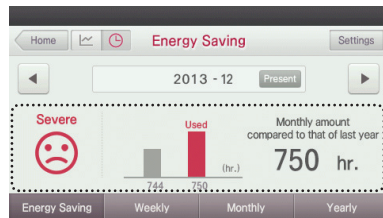
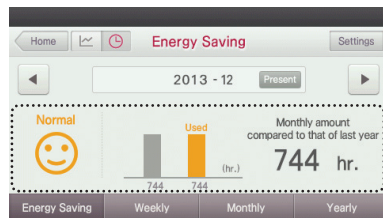
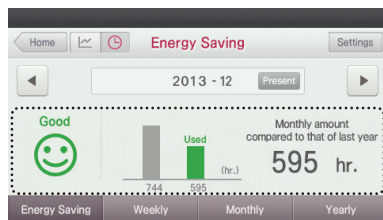
- In the Energy Saving menu screen, press 'Monthly' button to check the monthly energy usage goal and the usage amount.
- The energy usage is displayed in the units of 'week' for the indicated month.
- The bars are color coded to indicate if the usage is under (green), near (yellow) or over (red) the target/goal energy setpoint.
- Note: Depending on the specific month, you might see 4 or 5 week bars.



- In the Energy Saving menu screen, press 'Yearly' button to check the yearly energy usage goal and the usage amount.
- The energy usage is displayed in the units of 'month'.



- The guide to the energy consumption display is as follows.
It is displayed in 3 stages (good, normal, bad) compared to the previous year's information.
- The display compares each year at the same month (year over year). The three screens below, show each energy savings scenario. Green indicates a significant energy savings. Yellow is a normal or on target energy savings. Red indicates that there was a higher energy usage than the previous year of the same month.



Target Energy Consumption

This function is that user can set daily amount target usage.

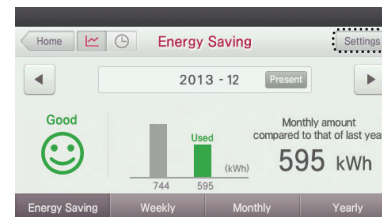
After setting the daily target value, weekly and monthly targets will be calculated and applied automatically. (Please refer to the "check energy usage" section of this manual.)

The daily target value is used as the reference value in the graph displays of each period (weekly, monthly, yearly). (Please refer to the "Alarm Popup" section of this manual.)

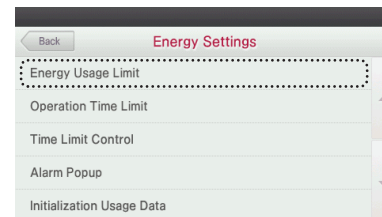
- Press the remote controller screen's 'Energy menu' button.
- It moves to the Energy Saving screen.



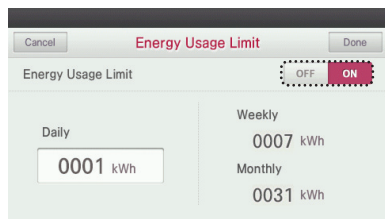
- In the Energy Saving screen, press 'Settings' button.
- It moves to the Energy saving setting screen.



- In the Energy Saving setting screen, press 'Energy Usage Limit' menu.
- It moves to the Target Energy Consumption setting screen.



- In the Target Energy Consumption setting screen, press 'OFF/ON' button to select whether to set the target amount.



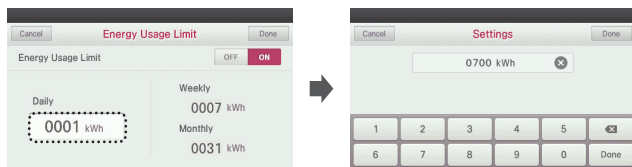
- Set the energy usage.

- If you touch the box at the bottom of the daily target amount, you can set the energy usage using the numeric keypad.

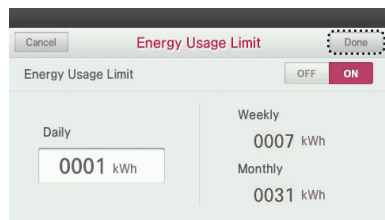
- During the daily target amount setting, the weekly target amount and the monthly target amount are automatically calculated and displayed.

* Weekly target amount: Daily target amount x 7

* Monthly target amount: Daily target amount x 31



- Press the Done button to save the set Target Energy Consumption setting.
- If you exit without pressing the Done button, your changes will not be applied.



Operation Time Limit

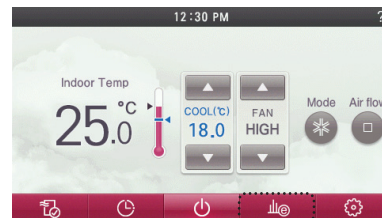
This function is that user can set daily amount target usage.

After setting the daily target value, weekly and monthly targets will be calculated and applied automatically. (Please refer to the "check energy usage" section of this manual.)

The daily target value is used as the reference value in the graph displays of each period (weekly, monthly, yearly). (Please refer to the "Alarm Popup" section of this manual.)

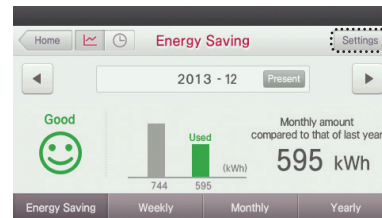
- Press the remote controller screen's 'Energy menu' button.

- It moves to the Energy screen.

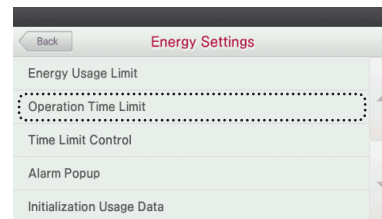


- In the Energy Saving screen, press 'Settings' button.

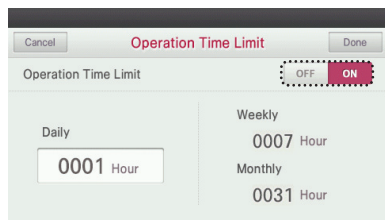
- It moves to the Energy setting screen.



- In the Energy Saving setting screen, press 'Operation Time Limit' from the menu.
- It moves to the Operation Time Limit setting screen.



- In the Operation Time Limit setting screen, press 'OFF/ON' button to select whether to set the target amount.



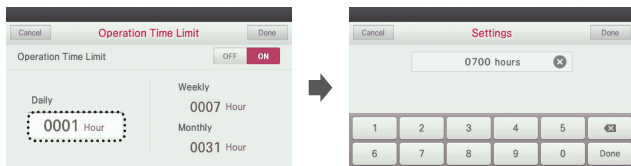
- Set the operation hours.

- If you touch the box at the bottom of the daily target amount, you can set the operation hours using the umeric keypad.

- During the daily target amount setting, the weekly target amount and the monthly target amount are automatically calculated and displayed.

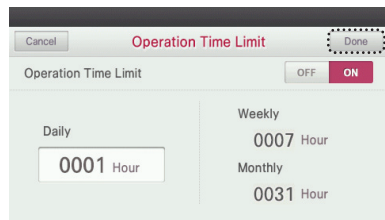
* Weekly target amount: Daily target amount x 7

* Monthly target amount: Daily target amount x 31



- Press the Done button to save the set Target Operation Hours.

- If you exit without pressing the Done button, your changes will not be applied.



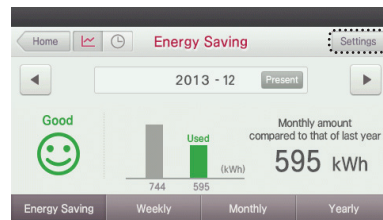
Time Limit Control

It is the function to save energy by operating the product only for the set time and automatically stopping the operation after starting the product operation.

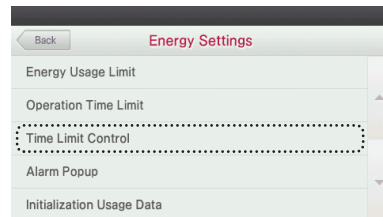
- Press the remote controller screen's 'Energy Saving menu' button.
 - It moves to the Energy Saving setting menu screen.



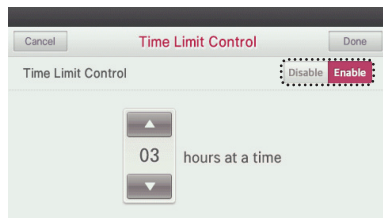
- In the Energy Saving setting screen, press 'Settings' button.
 - It moves to the Energy Saving setting screen.



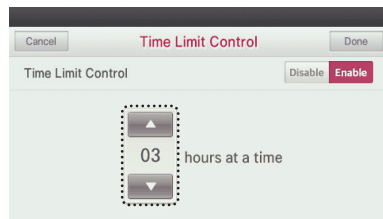
- In the Energy Saving setting screen, press 'Time Limit Control' from the menu.
 - It moves to the Time Restriction Operation Setting screen.



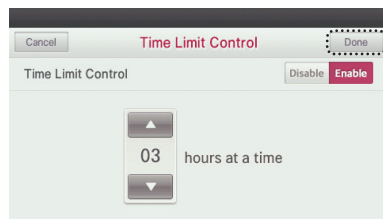
- In the Time Limit Control Setting screen, press the Enable button to begin setting a time limit.



- Press '▲', '▼' button to set the operation hours.



- Press the Done button to save the set time value.
 - If you exit without pressing the Done button, your changes will not be applied.



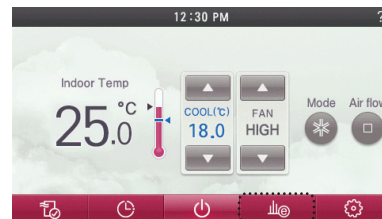
※ When the operation stops, the calculated time value will reset to its initial value.

Example: If the Time Limit Control is set to operate for 1 hour, but the unit is prematurely stopped after 25 minutes, the time will reset back to the full 1 hour control limit. The next time the unit begins operation, it will again start at the 1 hour limit mark to countdown.

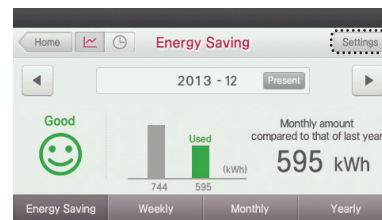
Alarm Popup

This function allows you to set up a popup notice message for the Power Consumption and Operation Time Restriction feature. It will be displayed on the remote controller once a percentage threshold is reached (i.e., 80%, 90% etc. of power consumption or time target).

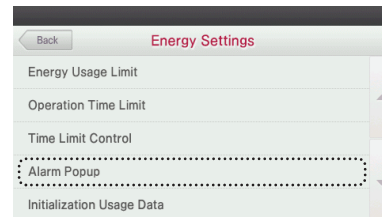
- Press the remote controller screen's 'Energy' button.
 - It moves to the Energy screen.



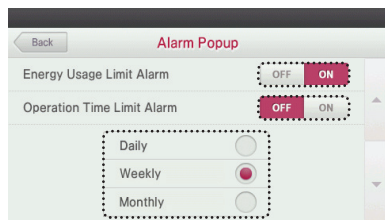
- In the Energy Saving screen, press 'Settings' button.
 - It moves to the Energy setting screen.



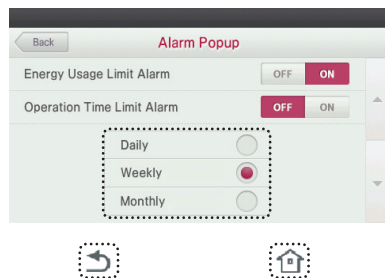
- In the Energy setting screen, Press 'Alarm Popup' button.
 - It moves to the Alarm Popup setting screen.



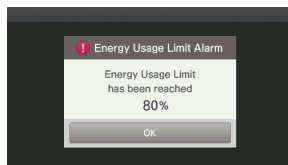
- Press 'OFF/ON' button to set or turn off the category to use.
 - Once you press On, the notice determination period (daily/weekly/monthly) will be displayed on the screen. Choose the notice determination period.



- After setting the alarm or notice display setting, you can press 'Back', 'Go Back', or 'Home' button, to exit from the screen.



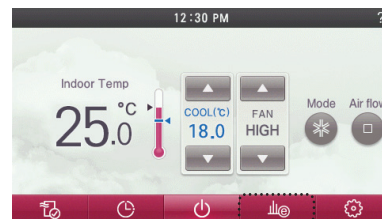
- For the categories with Alarm Popup setting, the popup is displayed on the remote controller screen when it reaches 80%, 90%, 95%, and 100% of the target usage amount. Example) Display when it reaches 80% of the target usage amount



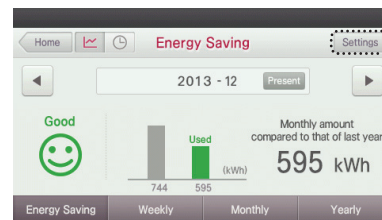
Initialization Usage Data

This function is used to initialize energy and time usage information. Once you initialize the data, all the usage information will be reset and all the usage data will be deleted.

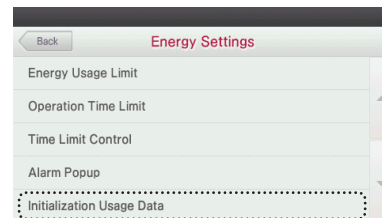
- Press the remote controller screen's 'Energy' button.
 - It moves to the Energy screen.



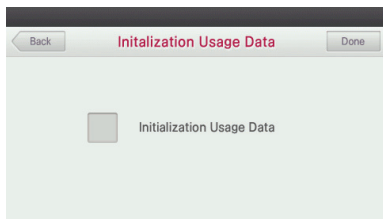
- In the Energy Saving screen, press 'Set' button.
 - It moves to the Energy setting screen.



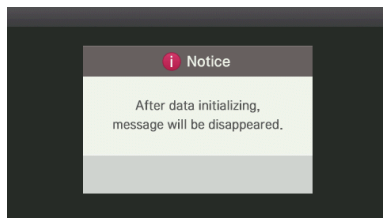
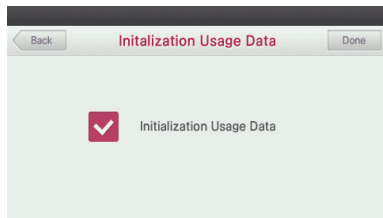
- In the Energy setting screen, press 'Initialization Usage Data' button.
 - It moves to the Energy information initialization screen.



- Select the checkbox to the left of 'Initialization Usage Data'.



- If you press 'Done' button, it will start to delete the data.
 - The Notice popup message will display until the deletion process has completed.

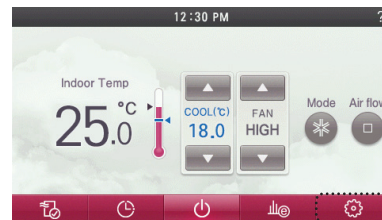


FUNCTION SETTING

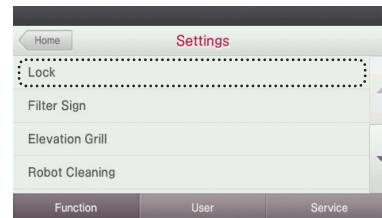
Lock Setting – All Lock, On/Off Lock, Mode Lock

This function locks the remote controller's button operation to prevent the unauthorized operation by children or others.

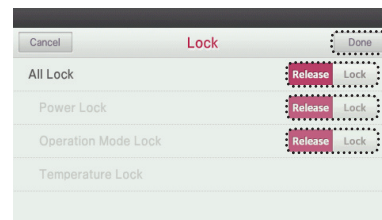
- While unit is in operation, press 'Set' button.
 - It moves to the 'settings' screen.



- In the setting menu list, press 'Lock' button.
 - It moves to the 'Lock' setting screen.



- From the Release/Lock button choices, press Lock to activate the lock function, and press 'Done' button to save the setting.
 - If you exit without pressing the 'Done' button, your changes will not be applied.
 - Once you press the 'Done' button, the setting screen will close.

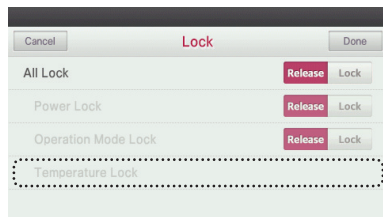


Lock Setting – Temperature Lock

The Temperature Lock function locks the ability to set the temperature beyond a preset value setting.

- * The changes to the desired temperature by external equipments(Central Controller, Dry contact, Wireless Remote Controller) will not be affected the wired remote controller's desired temperature range lock.
- * If the temperature range lock is set from the central controller, the desired temperature range lock setting of the wired remote controller is released.

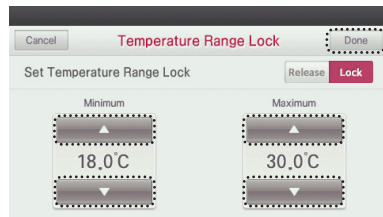
- In the Lock setting screen, press 'Temperature Lock' button.



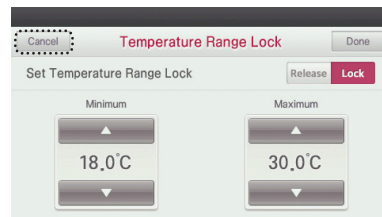
- (In 1Set Point Control type) In the Temperature Range Lock setting menu, press 'Release/Lock' button to activate the lock function, and press 'Done' to complete the temperature range lock setting.

- If you press the 'Done' button, it will exit from the setting screen.
- Press the up and down arrow buttons from the Minimum and Maximum settings to adjust the temperature range as needed. Be sure that the Lock button is set once your temperature adjustments are made. Press Done to commit the changes.

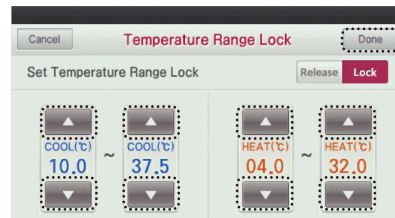
	Lower Limit	Upper Limit
Possible setting boundary	16~30 °C (60~86 °F)	18~30 °C (64~86 °F)



- (In 1Set Point Control type) Press 'Cancel', 'Go Back', or 'Home' button to exit from the setting screen.



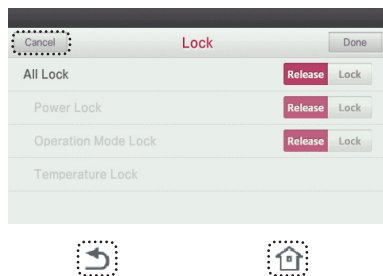
- (In 2Set Point Control type) In the Temperature Range Lock setting menu, press 'Release/Lock' button to set the lock function, and press 'Done' button to complete the temperature range lock setting.



Indoor unit Control Method	Option (Installer code No.31)	Cooling Set point range	Heating Set point range
1set point	31:000	64~86 °F (18~30 °C)	60~86 °F (16~30 °C)
	31:000	64~99 °F (18~37.5 °C)	40~86 °F (4~30 °C)
2set point	-	50~99 °F (10~37.5 °C)	40~90 °F (4~32 °C)

- (In 2Set Point Control type) Press 'Cancel', 'Go Back', or 'Home' button to exit from the setting screen.

- If you press 'Cancel', 'Go Back', or 'Home' button, it will exit from the setting screen.



Lock Category	Description
All Lock	Locks operations of all the buttons of the remote controller.
On/Off Lock	Locks the remote controller's On/Off button.
Mode Lock	Locks the remote controller's operation mode button.
Temperature Range Lock	Sets the remote controller's desired temperature range which can be changed only within the set boundary.

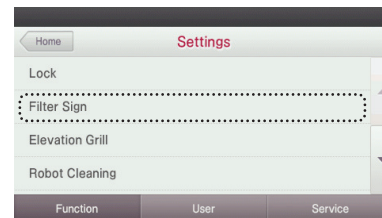
Filter Sign Check

This function gives you the option to view a "Filter Sign" message so that you can check the status of the condition of the filter and gauge when it should be changed.

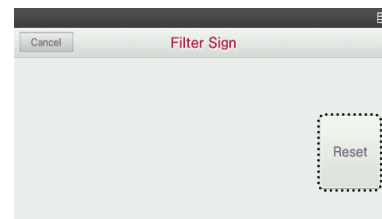
- Press 'Set' button.
 - It moves to the 'settings' screen.



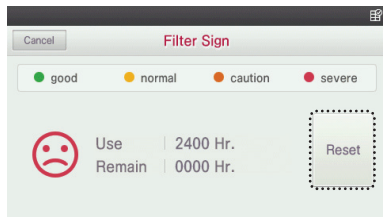
- In the setting menu list, press 'Filter Sign' button.
 - It moves to the 'Filter Sign' setting screen.



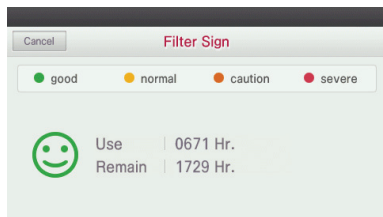
- When the filter cleaning indicator is displayed on the top right side of the screen, you can initialize the filter status by pressing the 'Reset' button in the Filter Sign menu.
 - When it is the time to clean the filter, the filter icon appears on the top right side of the screen, and you can enter the Filter Sign menu.
 - ✦ If your units functionality allows it to display time remaining until the filter cleaning, you can enter the Filter Sign menu even if the filter cleaning alarm icon is not displayed.



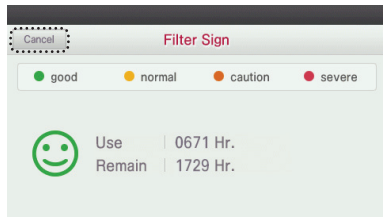
- Example) If indoor unit has a function to display the remaining time,
- If you unit has the capability to display the remaining time until the filter cleaning alarm, the following screen below is displayed in the current time display area.



- If there is time remaining until the next filter cleaning alarm, you can enter the 'Filter Sign' menu even if the filter cleaning alarm icon has not displayed as yet.



- If you press 'Cancel', 'Go Back', or 'Home' button, the system will exist out of this screen.



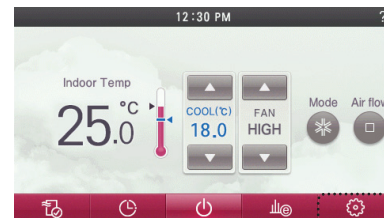
NOTE

- If dust is accumulated in the filter, cooling/heating ability is degraded, and the electricity bill will increase, so make sure to clean the filter when it becomes the time to clean the filter.
- Filter cleaning alarm icon will be disappeared after certain time.

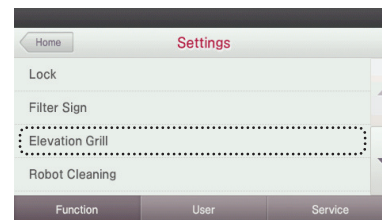
Elevation Grill Setting

This function allows you to operate the elevation grill for indoor unit filter cleaning.

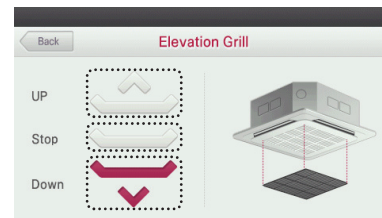
- While unit is in operation, press 'Set' button.
- It moves to the 'settings' screen.



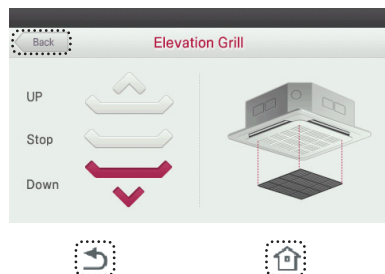
- In the setting menu list, press 'Elevation Grill' button.
- It moves to the 'Elevation Grill' setting screen.



- Press 'Up/Stop/Down' button to set the elevation grill's movement.



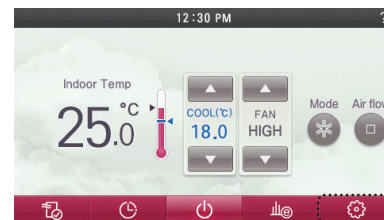
- Press 'Back', 'Go Back' or 'Home' button to exit from the setting menu.



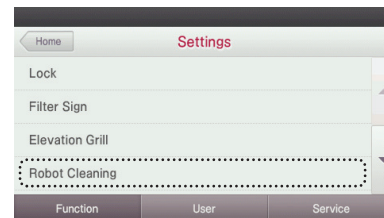
Robot Cleaning

Robot cleaning is the function for the cleaner attached to the product to perform automatic filter cleaning after certain time of the air conditioner usage. Set the robot cleaning to operate manually or automatically. It can be set 30 seconds after indoor unit turn off.

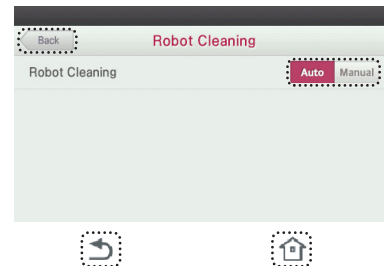
- Press the screen's 'Set' button.
 - It moves to the settings menu.



- In the settings menu, press 'Robot Cleaning' button.



- Press 'Auto/Manual' button to set the desired state, and If you press 'Back', 'Go Back', or 'Home' button, it will exit from the setting screen.



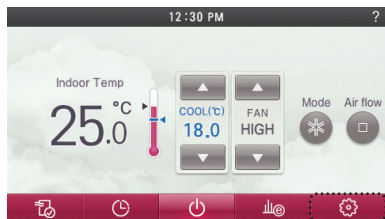
NOTE

Robot cleaning function may not work in some indoor unit products.

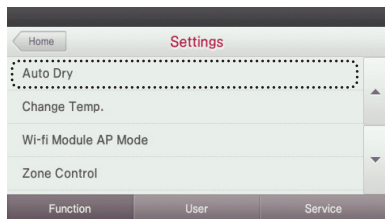
Auto Dry

Auto dry removes moisture by drying the inside of the indoor unit after cooling operation once the indoor unit is turned OFF.

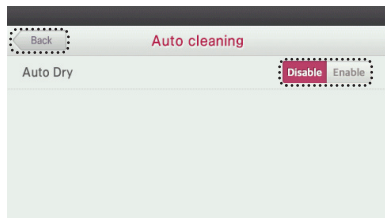
- Press the screen's 'Set' button.
- It moves to the settings menu.



- In the settings menu, press 'Auto Dry' button.



- Press 'Disable/Enable' button to set the desired state, and If you press 'Back', 'Go Back', or 'Home' button, it will exit from the setting screen.



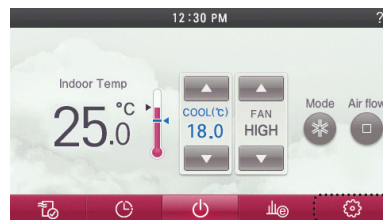
! NOTE

Auto dry function may not work in some indoor unit products.

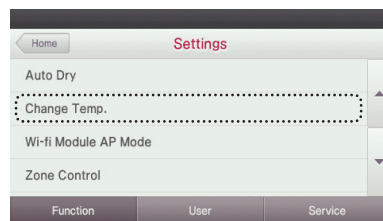
Change Temperature

This function allows you to set the temperature to automatically switch between cooling and heating operation as setup in the artificial intelligence operation mode.

- Press the screen's 'Set' button.
- It moves to the settings menu.

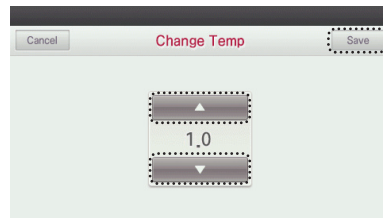


- In the settings menu, press 'Change Temp.' button.

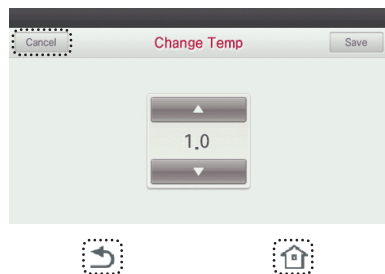


- Press '▲', '▼' buttons to set the switching temperature value, and press 'Save' button to save the setting.

- Switching temperature boundary: It can be set from 1~7.
- If you exit without pressing the Save button, your settings will not be applied.
- If you press the Save button the changes will be applied and, it will exit from the setting



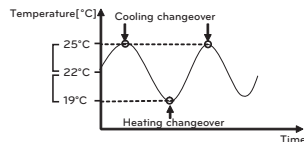
- Press 'Cancel', 'Go Back' or 'Home' button to exit from the setting screen.



※ It is the function that can be used only in cooling/heating product.

Example of using the change temperature function

- Conditions
 - 1) Mode: artificial intelligence mode
 - 2) Desired temperature: 22 °C
 - 3) Change temperature: 3
→ Difference of change temperature is 3 °C
- The illustration in this section shows the example of operation as set through the conditions in the example above.



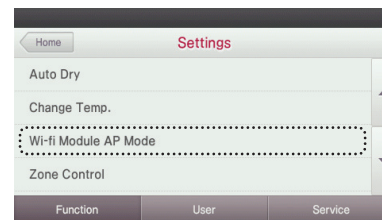
Wireless Module AP mode

Wireless Module AP mode function that wireless module change to AP mode.

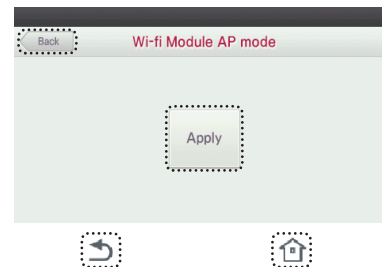
- Press the screen's 'Set' button.
 - It moves to the settings menu.



- In the settings menu, press 'Wi-Fi Module AP Mode' button.



- Press 'Apply' button to set the desired state, and then press 'Back', 'Go Back', or 'Home' button, then exit from the setting screen.



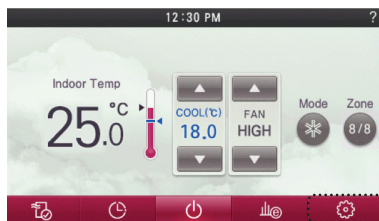
! NOTE

Wireless module AP mode function may not work in some indoor unit products.

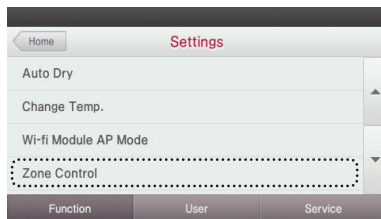
Zone Name Setting

Zone Control settings allow you to select zone name.

- Press the screen's 'Set' button.
- It moves to the settings menu.



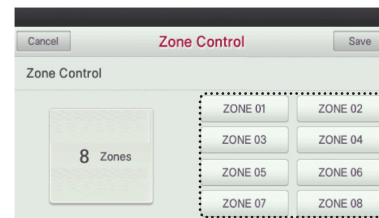
- In the settings menu, press 'Zone Control' button.



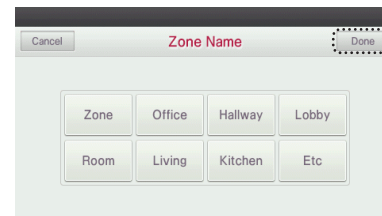
! NOTE

Zone Control setting function may not work in some indoor unit products.

- Push each zone button, then select a desired zone name.



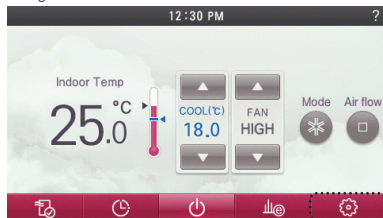
- Select zone name and then press the "Done" button.



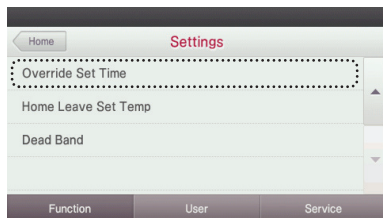
Override Set Time

Override Set Time function can only be used in 2 Set Control mode. When timed override is used, the set time will be a default value.

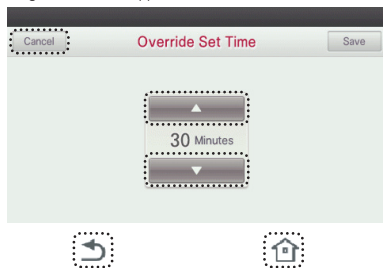
- Press the screen's 'Set' button.
- It moves to the settings menu.



- In the settings menu, press 'Override Set Time' button.



- Select time increment using '▲', '▼' buttons, and then press 'Save'.
If you press 'Cancel', 'Go Back', or 'Home' button, before pressing 'Save', you will exit the screen and your changes will not be applied.



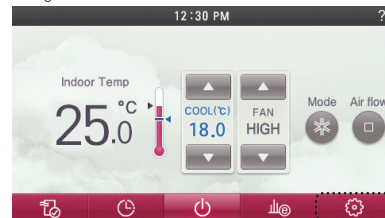
! NOTE

Override Set Time function can only be used in a 2 set control mode.

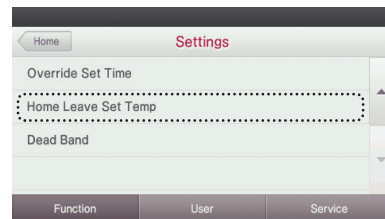
Home Leave Set Temperature

Home Leave Set Temperature function is used in 2 Set control mode. When customer operate as home leave mode, this setting temperature value will be applied.

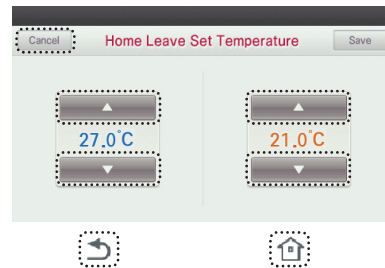
- Press the screen's 'Set' button.
- It moves to the settings menu.



- In the settings menu, press 'Home Leave Set Temp' button.



- Select temperature using '▲', '▼' buttons, and then press 'Save'.
If you press 'Cancel', 'Go Back', or 'Home' button, without pressing 'Save', you will exit the setting screen and your changes will not be applied.



! NOTE

Home Leave Set Temperature function can only be used in a 2 set control mode.

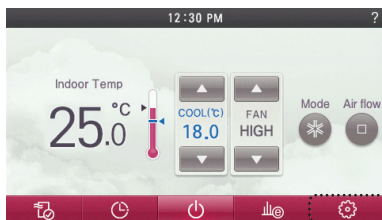
Dead Band

Dead Band function is used with a 2 Set control mode.

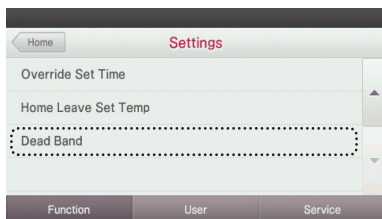
When heating and cooling desired temperatures have been changed, the set value will maintain a difference between the heating and cooling desired temperature.

- Press the screen's 'Set' button.

- It moves to the settings menu.

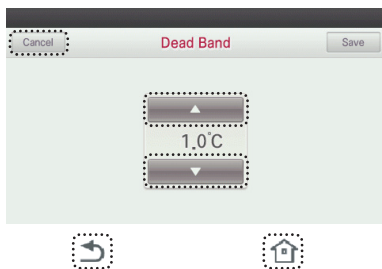


- In the settings menu, press 'Dead Band' button.



- Select degrees of separation using '▲', '▼' buttons, and then press 'Save'.

If you press 'Cancel', 'Go Back', or 'Home' button, without pressing 'Save', you will exit the setting screen and you changes will not be applied.



* available setting range : 0~10°F(0~5°C)

! NOTE

Dead Band function only can use in 2 set control mode.

- When changing the desired cooling temperature, in case of that the difference with the heating temperature becomes lesser than its minimal value of difference, it lowers the desired heating temperature automatically.
- When changing the desired heating temperature, in case of that the difference with the heating temperature becomes lesser than its minimal value of difference, it raises the desired cooling temperature automatically.

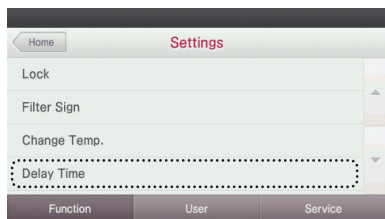
Delay Time - Ventilator

Ventilation mode is activated after the preset delay time.

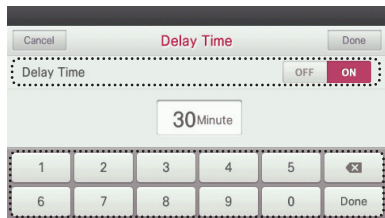
- Press the screen's 'Set' button.
- It moves to the settings menu.



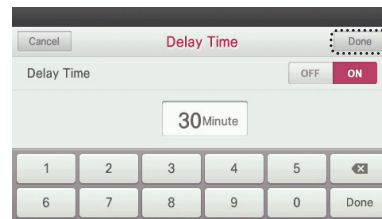
- In the settings menu, press 'Delay Time' button.



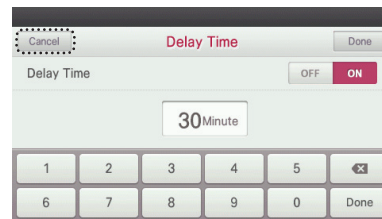
- Select delay time 'OFF/ON' button.
- If you select ON, the number key pad and edit box are displayed at the bottom.



- Press 'Done' button to save the changed Delay Time.
- If you exit without pressing 'Done' button, your changes will not be applied.



- If you press 'Cancel' or 'Home' button, without pressing 'Save', you will exit the setting screen and your changes will not be applied.
- If no buttons are pressed after 60 seconds, it will automatically exit from the edit menu.

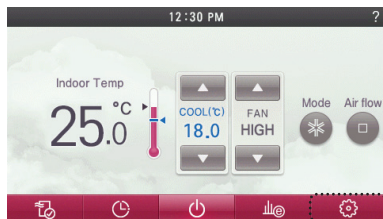


USER SETTING

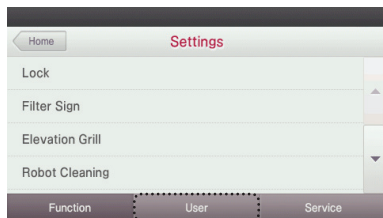
Date Setting

This functions allows you to set the current date to be displayed on the remote controller.

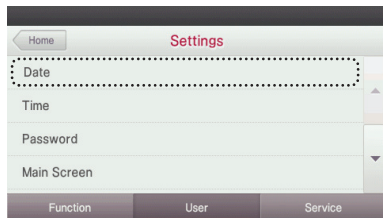
- Press the screen's 'Set' button.
- It moves to the settings menu screen.



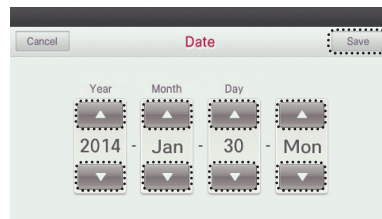
- In setting screen, press 'User' button at the bottom of the screen.
- It moves to the User Setting screen.



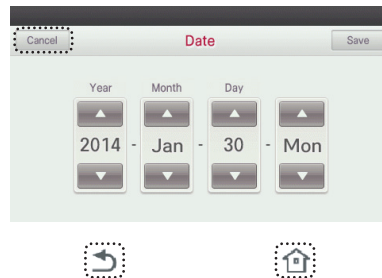
- In User Setting screen, press 'Date' button.
- It moves to the Date Setting screen.



- After setting the year, month, day, and day of week, press 'Save' button to save the settings.
- If you exit without pressing the Save button, your changes will not be applied.
- If you press the Save button, it will exit from the setting screen with your changes applied.



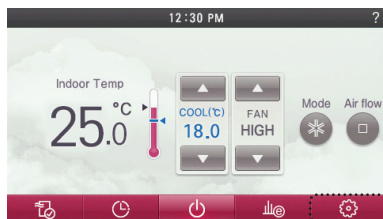
- If you press 'Cancel', 'Go Back', or 'Home' button, without pressing 'Save', you will exit the setting screen and your changes will not be applied.



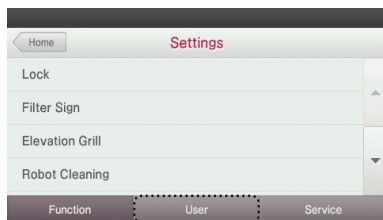
Time Setting

This functions allows you to set the current time to be displayed on the remote controller.

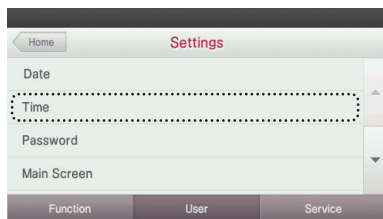
- Press the screen's Set' button.
 - It moves to the settings menu screen.



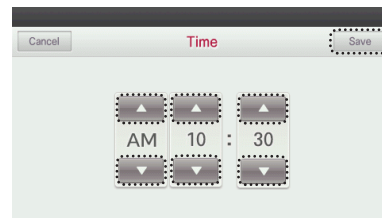
- In setting screen, press 'User' button.
 - It moves to the User Setting screen.



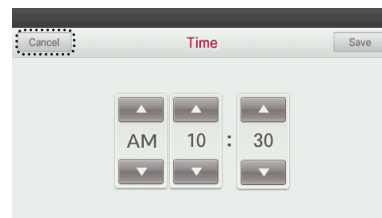
- In User Setting screen, press 'Time' button.
 - It moves to the Time Setting screen.



- Press '▲', '▼' buttons to set 'AM/PM', hour, and minute, and then press the 'Save' button to apply the settings.
 - If you exit without pressing the Save button, your changes will not be applied.
 - If you press the Save button, it will exit from the setting screen.



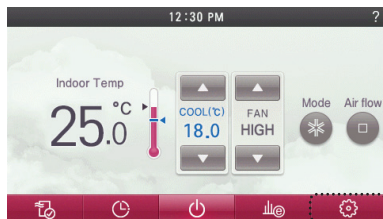
- If you press 'Cancel', 'Go Back', or 'Home' button, without pressing 'Save', you will exit the setting screen and your changes will not be applied.



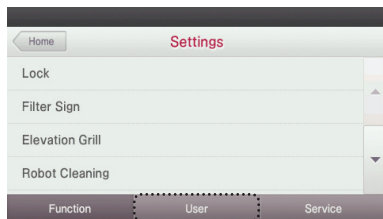
Password Setting

This function allows you to set a password so that children or others cannot change the remote controller setting without permission.

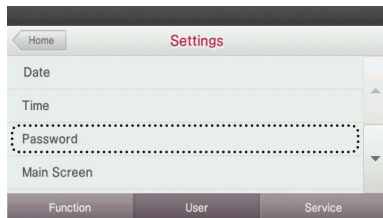
- Press the screen's Set* button.
 - It moves to the settings menu screen.



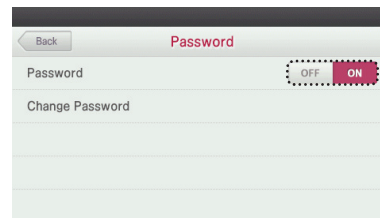
- In setting screen, press 'User' button.
 - It moves to the User Setting screen.



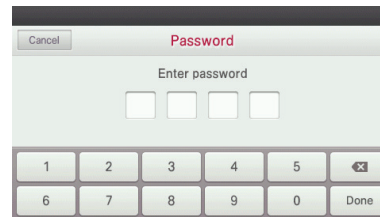
- In User Setting screen, press 'Password' button.
 - It moves to the Password Setting screen.



- Press 'OFF/ON' button to set whether to apply the password.
 - Pressing 'ON' will display 4 numeric boxes in order to enter your 4 digit code.

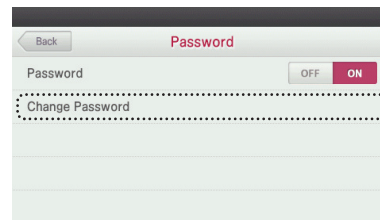


- Enter the 4 digit code for your password into the fields as shown and press Done when completed. The numeric keypad will disappear when done.



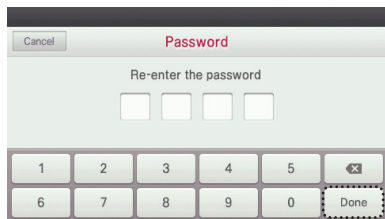
Change Password

- In the Password Setting screen, press 'Change Password' button.
 - It moves to the password change screen.

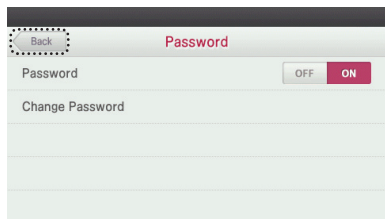


- In order to change the password, you will be asked to input the current password as verification. When done, move to entering the new password code in the "Input New Password" screen. Then you will be asked to reenter (to confirm) the new password in the "Re-enter the password" fields as shown below.

- Enter each password, and you need to press 'Done' button to proceed to the next step.



- If you press 'Back', 'Go Back', or 'Home' button, without pressing 'Done', you will exit the setting screen and your changes will not be applied.



Main Screen Display Setting

This function allows you to show or hide certain elements on the remote controller's default screen.

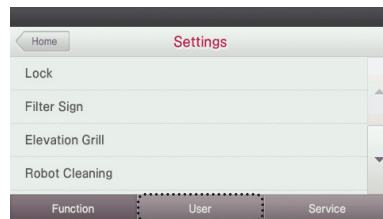
- Press the screen's 'Set' button.

- It moves to the settings menu screen.



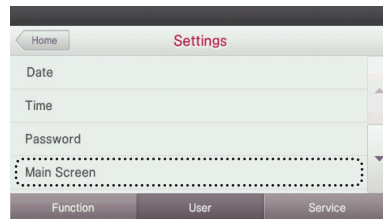
- In setting screen, press 'User' button.

- It moves to the User Setting screen.

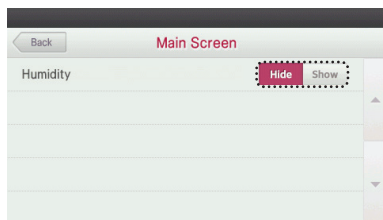


- In User Setting screen, press 'Main Screen' button.

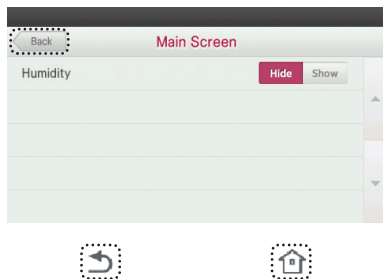
- It moves to the main screen setting screen.



- Press 'Hide/Show' button to set the which elements should display on the default screen.
Note that the elements are dependant on the type of unit in operation.



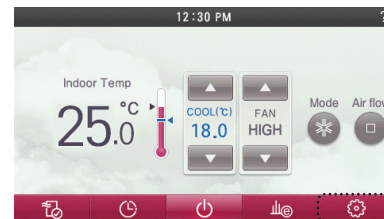
- If you press 'Back', 'Go Back', or 'Home' button, it will exit from the main screen setting screen.



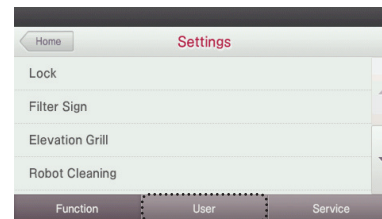
LCD brightness in idle

This function allows you to adjust the brightness of the remote controller's standby screen.

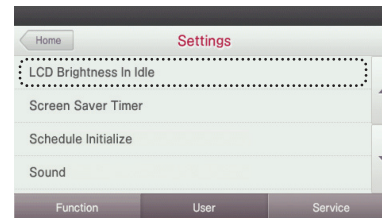
- Press the screen's Set' button.
- It moves to the settings menu screen.



- In setting screen, press 'User' button.
- It moves to the User Setting screen.



- In User Setting screen, press 'LCD Brightness In Idle' button.
- It moves to the Brightness Setting screen.



- Set the desired screen brightness percentage by and press 'Save' button to save the setting.
 - If you exit without pressing the Save button, your changes will not be applied.
 - Your choices are: 0% / 10% / 20% / 30%.
 - Once you press the Save button, the screen will exit.



- If you press 'Cancel', 'Go Back', or 'Home' button, without pressing 'Save', your changes will not be applied and the screen will exit.



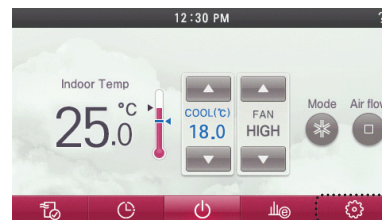
! NOTE

Setting the standby screen brightness to '30%', may degrade LCD's illumination function.

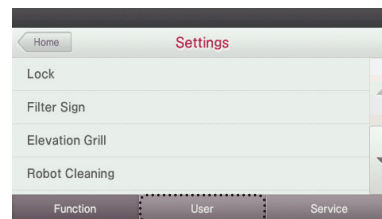
Screen Saver Timer Setting

This function adjusts the length of time that the screen will stay on before turning off (sleep mode).

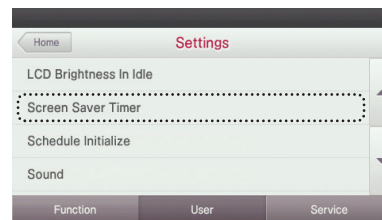
- Press the screen's 'Set' button.
 - It moves to the settings menu screen.



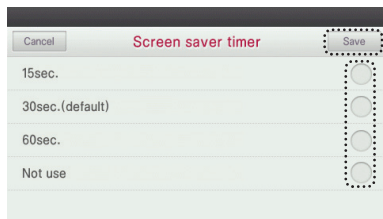
- In setting screen, press 'User' button.
 - It moves to the User Setting screen.



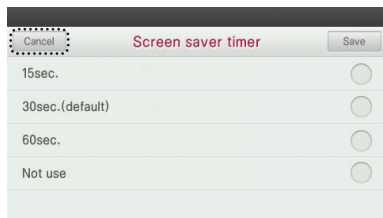
- In User Setting screen, press 'Screen Saver Timer' button.



- In the setting screen, choose the amount of time screen will stay on before it goes into sleep mode and then press 'Save' button to save the setting.
 - If you exit without pressing the Save button, your changes will not be applied.
 - Your choices are: 15 seconds / 30 seconds / 1 minute / not used.
 - Once you press the Save button, it will exit from the setting screen.



- If you press 'Cancel', 'Go Back', or 'Home' button, without pressing 'Save', your changes will not be applied and the screen will exit.



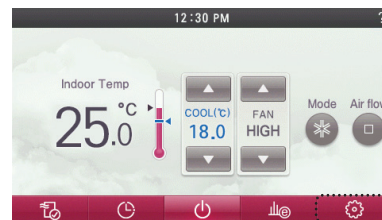
! NOTE

If you choose 'not used' as your Screen Saver Timer choice, the LCD will remain on at all times (will not dim) which will shorten your LCD display lifespan.

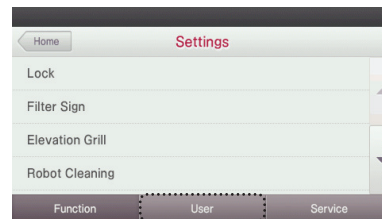
Schedule Initialization

It is the function to initialize all timer settings of the remote controller.

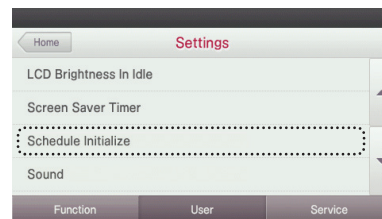
- Press the screen's 'Set' button.
 - It moves to the settings menu screen.



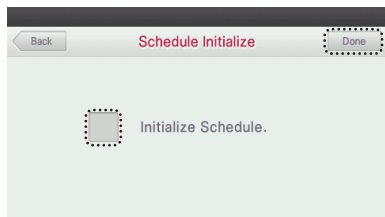
- In setting screen, press 'User' button.
 - It moves to the User Setting screen.



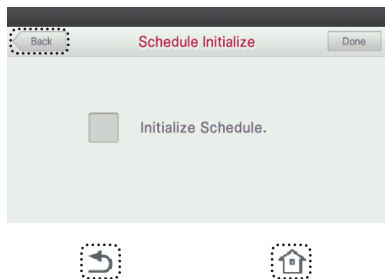
- In User Setting screen, press 'Schedule Initialization' button.



- Press the check box, and press 'Done' button to initialize all timer settings of the remote controller.
- Pressing the Done button, it will exit from the setting screen.



- If you press 'Back', 'Go Back', or 'Home' button without pressing done, you will be returned to the previous screen and your changes will not be applied.



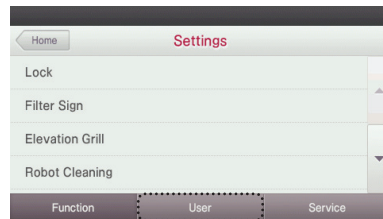
Touch Beep

This function allows you to choose whether or not you would like a touch screen sound effect.

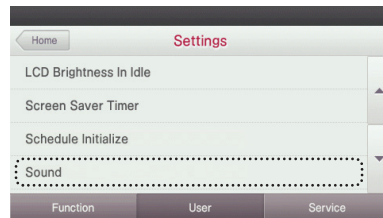
- Press the screen's 'Set' button.
- It moves to the settings menu screen.



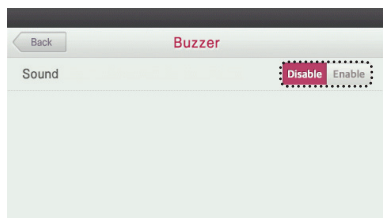
- In setting screen, press 'User' button.
- It moves to the User Setting screen.



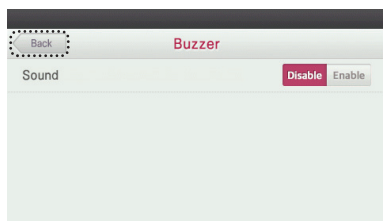
- In User Setting screen, press 'Sound' button.
- It moves to the touch beep setting screen.



- Press 'Sound' category's 'Disable/Enable' button to set whether to use the touch beep.
 - If you select 'Disable', no sound effect will occur when you press the keypad display.
 - If you select 'Enable', you will have an audible beep for key presses on the display.



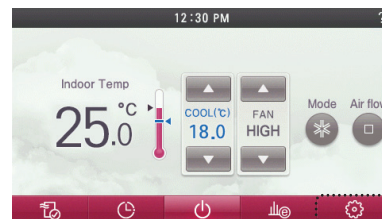
- Press 'Back', 'Go Back', or 'Home' button to exit from the setting screen.



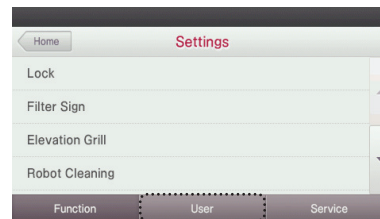
Home theme

You can change the amount of information you would like displayed on the home screen. There are two modes. Standard mode and simple mode.

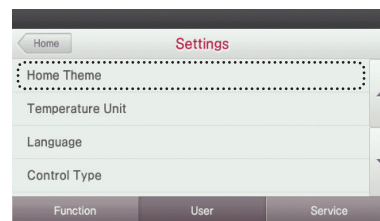
- Press the screen's 'Set' button.
 - It moves to the settings menu screen.



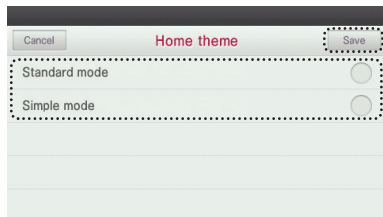
- In setting screen, press 'User' button.
 - It moves to the User Setting screen.



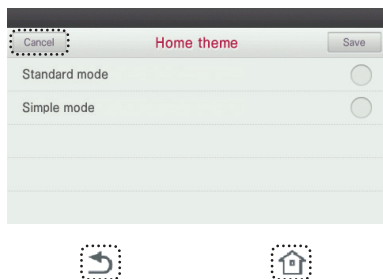
- In User Setting screen, press 'Home Theme' button.



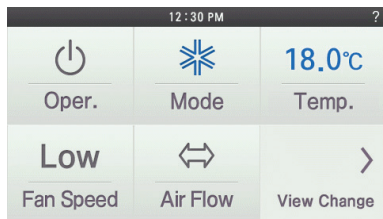
- Select the desired Screen Mode and press the Save button.
Simple mode displays only the frequently used functions in the main screen.



- If you press 'Cancel', 'Go Back', or 'Home' button, without pressing 'Save', the Home Theme screen will be closed and your changes will not be applied.



- If you choose the Easy Mode theme, you will see the following screen as your main screen. Note that only the major functions are displayed in this display mode.



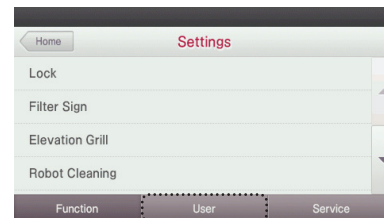
Temperature Unit Setting

This function allows you to set your unit of measure in whole or half degree increments.

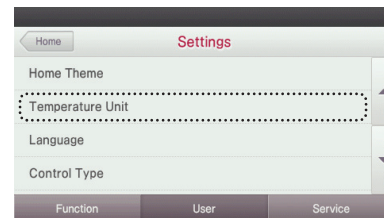
- Press the screen's 'Set' button.
- It moves to the settings menu screen.



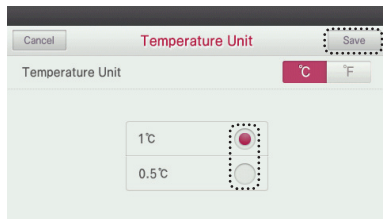
- In setting screen, press 'User' button.
- It moves to the User Setting screen.



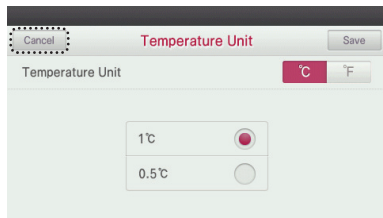
- In User Setting screen, press 'Temperature Unit' button.
- It moves to the Temperature Unit Setting screen.



- Set the temperature unit increments that you want to display, and press 'Save' button to save the setting.
 - You can select the temperature control in the units of 1°C / 0.5°C.
 - If you exit without pressing the Save button, your changes will not be applied.
 - If you press the Save button, it will exit from the setting screen.



- If you press 'Cancel', 'Go Back', or 'Home' button, without pressing 'Save', the screen will be closed and your changes will not be applied.



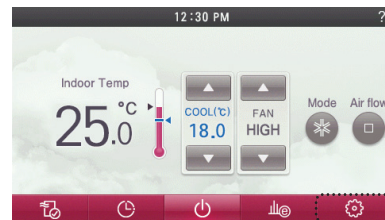
! NOTE

This feature is not available in all products.

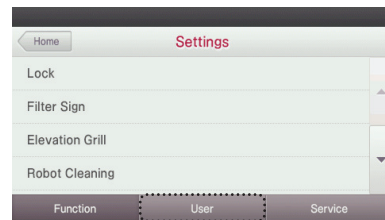
Language Setting

This function allows the user to choose the local language for the display screen.

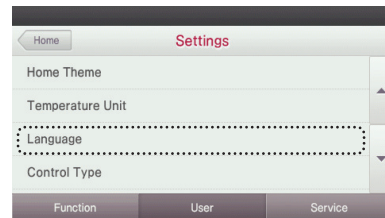
- Press the screen's 'Set' button.
 - It moves to the settings menu screen.



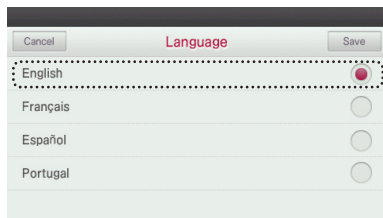
- In setting screen, press 'User' button.
 - It moves to the User Setting screen.



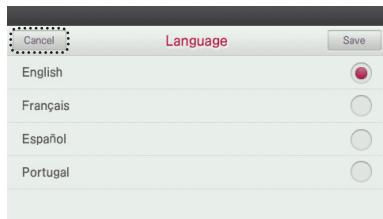
- In User Setting screen, press 'Language' button.
 - It moves to the Language screen.



- Set the language to use, and then press 'Save'.
 - If you exit without pressing the Save button, your changes will not be applied.
 - Once the Save button is pressed, after changing the value, it will pop up a window.
 - After waiting about 5 seconds if you push the reset button on the bottom of the remote control to reboot the selected language.
- * Please refer to "PART DESCRIPTION" section of the manual reset button location.



- If you press 'Cancel', 'Go Back', or 'Home' button without pressing 'Save', it will exit from the Language setting screen without saving any of the settings.



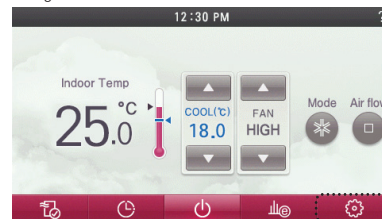
Control Type Setting(North America Only)

It is the function to set GUI type on the remote controller.

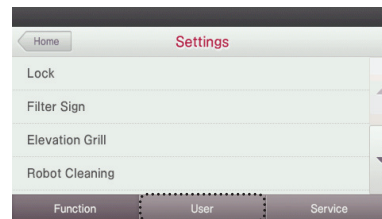
* If you want to use in other regions, except North America, does not fit in the environment are expected to use this feature inconvenient.

We recommend that you use it only in the region (North America).

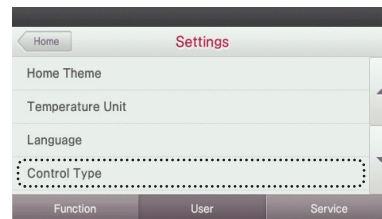
- Press the screen's 'Set' button.
 - It moves to the settings menu screen.



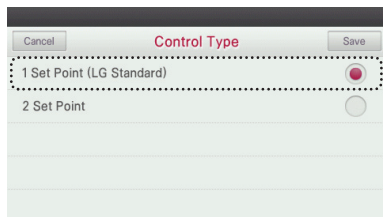
- In setting screen, press 'User' button.
 - It moves to the User Setting screen.



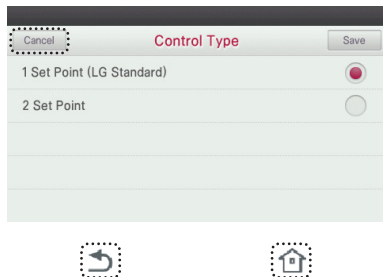
- In User Setting screen, press 'Control Type' button.
 - It moves to the Control Type Settings screen.



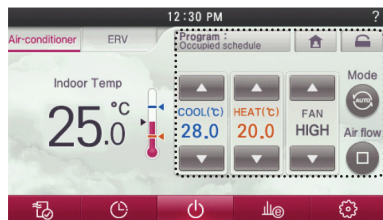
- Set the control type to use, and press 'Save' button when done.
 - If you exit without pressing the Save button, your changes will not be applied.
 - If the setting is changed by pressing the Save button, a pop-up window appears, perform the initialization schedule.



- If you press 'Cancel', 'Go Back', or 'Home' button without pressing 'Save', it will exit from the Control Type setting screen without saving any of the settings.



- Replace sentence with ' When 2 Set Point control is selected, a different main screen is displayed, as shown below.'



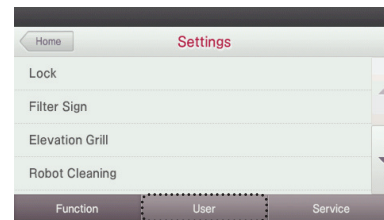
Summer Time Setting

It is the function to set summer time duration on the remote controller system date and time.

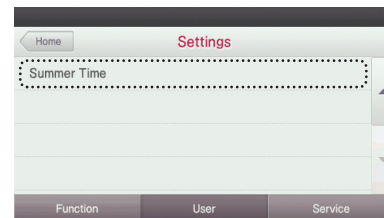
- Press the screen's 'Set' button.
 - It moves to the settings menu screen.



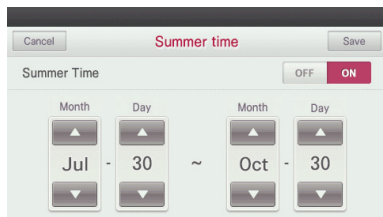
- In setting screen, press 'User' button.
 - It moves to the User Setting screen.



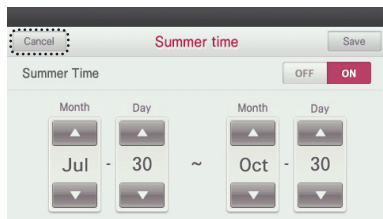
- In User Setting screen, press 'Summer Time' button.
 - It moves to the Summer Time Setting screen.



- Set summer time duration, and press 'Save' button when done.
 - If you exit without pressing the Save button, your changes will not be applied.
 - If you press the Save button, your changes will be applied and the controller will exit from the setting screen.



- If you press 'Cancel', 'Go Back', or 'Home' button, it will exit from the Summer time setting screen without saving any of the settings.

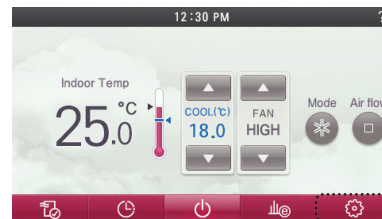


SERVICE SETTING

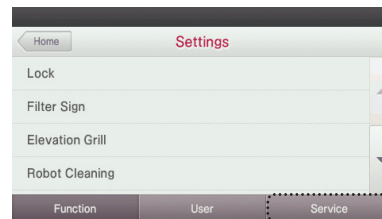
Service Contact

It is the function to check and input the telephone number of the service center that can be contacted when a defect occurs in the product.

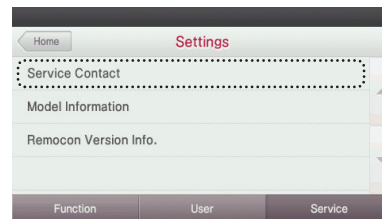
- Press the screen's 'Set' button.
 - It moves to the settings menu screen.



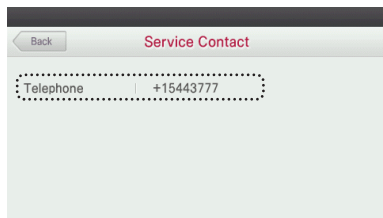
- In setting screen, press 'Service' button.
 - It moves to the Service Setting screen.



- In the service screen, press 'Service Contact' button.
 - It moves to the Check Service Number screen.

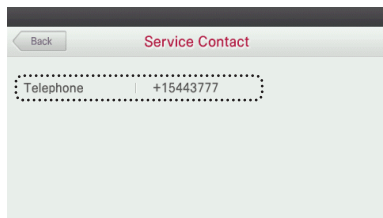


- Check the service number.
 - If the service number is not registered, + 1544 7777 will be displayed.

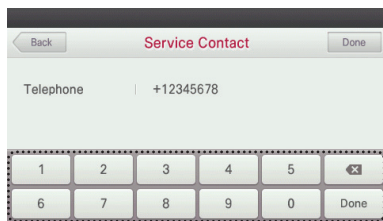


Service number registration and change

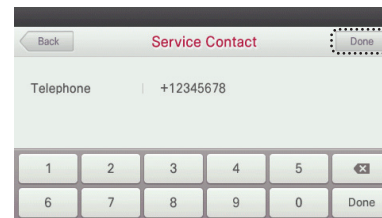
- In the service number screen, press 'Telephone'.
- It moves to the service number change screen.



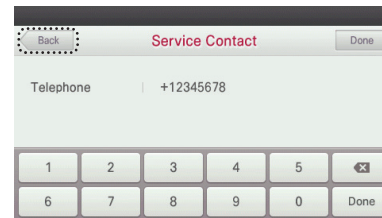
- In the service number change screen, press the digits to input the service center number.



- Press 'Done' button to save the changed service number.
 - If you exit without pressing the Done button, your changed value will not be applied.
 - Once you press the Done button, it will exit from the setting screen.



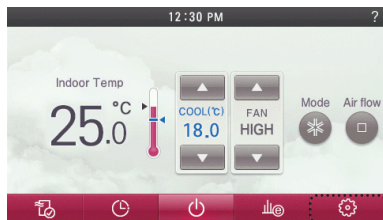
- If you press 'Cancel', 'Go Back', or 'Home' button without pressing the 'Save' button, it will exit from the service number screen and you changes will not be applied.



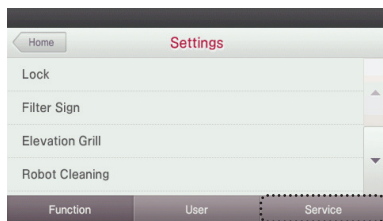
Model Information

It is the function to check indoor/outdoor unit product type connected to the remote controller and capacity information.

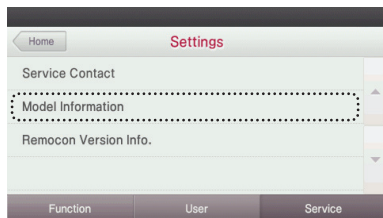
- Press the screen's 'Set' button.
- It moves to the settings menu screen.



- In setting screen, press 'Service' button.
- It moves to the Service Setting screen.



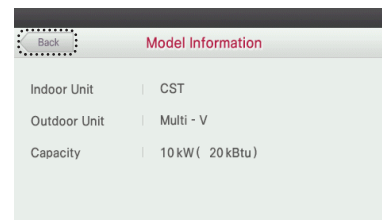
- In service screen, press 'Model Information' button.
- It moves to indoor/outdoor unit information screen.



- Check indoor/outdoor unit and capacity information.



- Once you press 'Back', 'Go Back', or 'Home' button, it will exit from the setting screen.



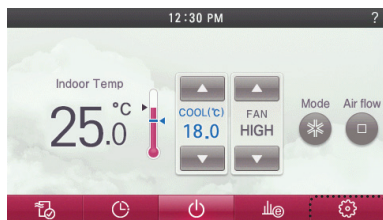
! NOTE

The indoor/outdoor unit information checking function is not available on all products.

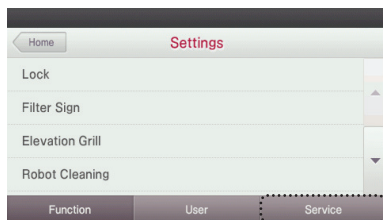
Remocon version information

It is the function to check remote controller model name and software version. This information is useful when having a service call placed.

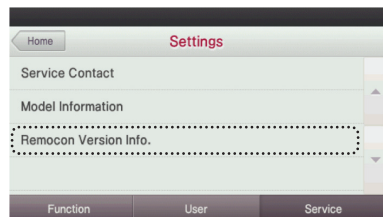
- Press the screen's 'Set' button.
- It moves to the settings menu screen.



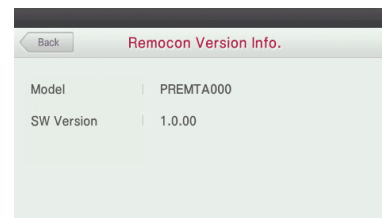
- In setting screen, press 'Service' button.
- It moves to the Service Setting screen.



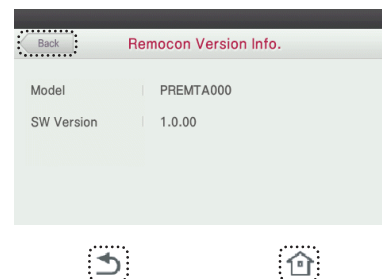
- In service screen, press 'Remocon Version Info.' button.
- It moves to remote controller version information.



- Check software version information of wired remote controller.



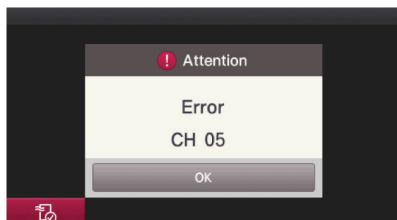
- If you press 'Back', 'Go Back', or 'Home' button, it will exit from the setting screen.



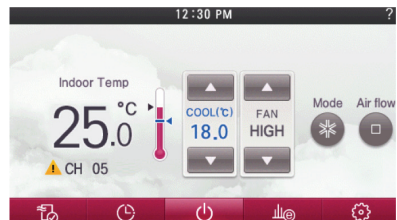
Self-diagnosis for Trouble Mode

It automatically runs a self-diagnosis when there is a trouble detected in the system.
It displays the trouble mode number with maintenance CODE.

<Individual control>



<Group control>



In order to expedite a service, please remember the error number and provide it when consulting an installer.

An emergency elevation grill can be operated even in the case of errors.
(Except the trouble mode number 03)

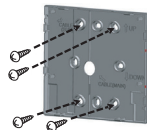
* If the centralized control lock or wired remote controller lock is programmed, this function will not work.

* Some product may not include this function.

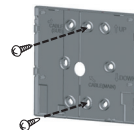
INSTALLATION

Installation of Remote Controller

- Secure the back plate flush to the wall using the provided hardware.
 - Take care not to bend the back plate during installation as this may cause it to malfunction.
 - If a reclamation box is included with your remote controller, install the remote controller installation plate as shown by the illustrations below.

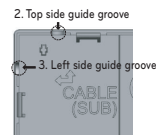
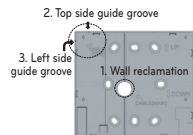


<4 socket reclamation box installation>



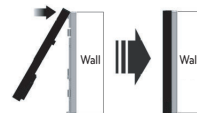
<2 socket reclamation box installation>

- Remote controller's wire may be installed at three different locations on the plate. Select appropriate direction according to the installation environment.
 - Wiring directions: wall reclamation, top side, or left side
 - If you install the remote controller cable on top side or left side, install after removing the remote controller cable guide groove. (※ Use pliers to remove guide groove.)



- Fix the remote controller top part to the back plate on the wall as shown in the figure below, and press the bottom part to combine it with the back plate.
 - Press together so that there is no gap between the remote controller and the top/bottom/left/right side of the back plate.
 - Before combining with the installation plate, arrange the cable so that it does not interfere with the circuit parts.

<Order of Combining>



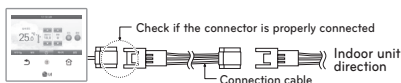
- To remove the remote controller from the back plate, insert a flat head screwdriver in the bottom part separation hole and turn clockwise.
 - There are 2 separation holes at the bottom side. Slowly separate using each hole.
 - During the separation, be careful not to damage the internal parts.

<Order of Separation>



- Use the connection cable to connect the indoor unit and the remote controller.

12 V	Red
Signal cable	Yellow
GND	Black



- In the following cases, separately purchase and use the cable suitable for the situation.
 - Do not install the cable for longer than 50 m. (It may cause communication defect like CH03)
 - If the distance between the wired remote controller and the indoor unit is 10 m or longer: Use 10 m extension cable. (Model : PZCWRC1)
 - If several indoor unit products are controlled by one wired remote controller: Use group control cable. (Model : PZCWRCG3)

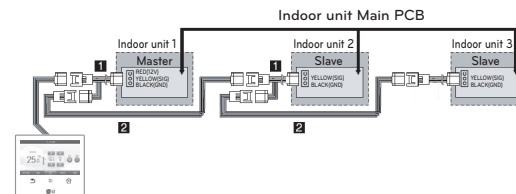
NOTE

- During the wired remote controller installation, do not reclaim in the wall. (It may cause temperature sensor disorder.)
- Do not install the cable for longer than 50 m. (It may cause communication defect such as Code CH03)
- ✳ During the installation of the extension cable, carefully check the connecting socket and plug of the remote controller and linked indoor unit.
- ✳ If the extension cable is connected in reverse direction, connector will not make a solid connection causing loss of communications.
- ✳ Specification of the extension cable: Use 2547 1007 22# 2core 3shield, 5 Ø or equivalent or higher level.

Group Control

Connects and controls 2 or more air conditioner indoor units to one wired remote controller.

✳ Use the group control cable for connection.



Purchase Specialized Company's Accessories

- ① Group control cable (PZCWRCG3): Connect to indoor unit's wired remote controller connector
 - ② Extension cable (PZCWRC1): Connect to No. ① cable and slave indoor unit's wired remote controller connector
- While No. ① cable is connected, connect No. ② cable.

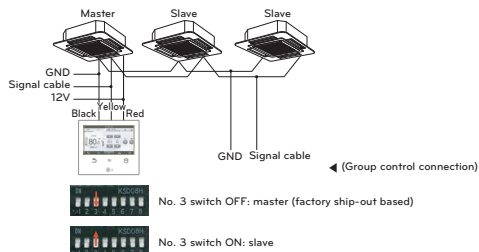


NOTE

- Connect only GND and signal cable to the indoor unit set as slave. (If power cable is also connected, it may cause loss of communication)
 - Inquiries related to the purchase of the cable shall be directed to the specialized company and the service center.
- Check the existence of the event communication in the product manual, and change master/slave of the remote controller.
 - It only supports the interface with event communication applied models (corresponding to the models after Multi-V Super II).
 - ✳ For details, refer to 'Remote controller master/slave'.

● Change indoor unit's master/slave setting.

- Change master/slave setting with switch on the indoor unit PCB for ceiling type cassette and duct group.



- For details of the wireless remote controller master/slave setting changes, refer to the wireless remote controller manual.
- After completing the master/slave setting in the indoor unit, turn OFF the power of the indoor unit, and turn the power ON again after 1 minute.

NOTE

- During the group control, set only one indoor unit as master.
- During the group control, some functions except default operation setting, fan Setting Low/medium/high, remote controller lock setting, and time setting may be restricted.
- Slave set indoor unit cannot communicate with remote controller when remote controller has a connection with only one indoor unit.

Air conditioner and ventilation interface

- Use wired remote controller to control when air conditioner indoor unit and ventilation product are connected and installed at the same time.
- Once power is connection, and the remote controller establishes communication with the indoor unit, normal operation will commence.

	Independent operation	Interfaced operation
General ventilation	<p>[General ventilation independent operation]</p> <p>General ventilation</p> <p>Wired remote controller</p>	<p>[General ventilation interfaced operation]</p> <p>Air conditioner indoor unit</p> <p>General ventilation</p> <p>Wired remote controller</p>
Direct ventilation	<p>[Direct ventilation independent operation]</p> <p>General ventilation</p> <p>Wired remote controller</p>	<p>[Direct ventilation interfaced operation]</p> <p>Air conditioner indoor unit</p> <p>General ventilation</p> <p>Wired remote controller</p>

✦ Connection method is the same as the air conditioner user manual. (Refer to the remote controller manual group control page.)

✦ Ventilation units represent general ventilation units and direct expenditure type ventilation units.

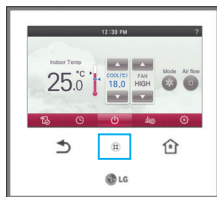
INSTALLER'S SETTING OPTIONS

How to enter installer setting mode

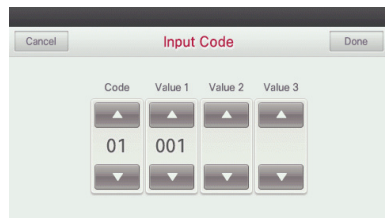
CAUTION

Installer setting mode configures the detailed function of the remote controller. If the installer setting mode is incorrectly set, it may cause product failure, user injury, or property damage. It must be set by an installation specialist who holds an installation license. If it is installed or changed without installation license and without authorization, installer will be responsible for all malfunctions, which will result in voiding of any warranties or provision of free technical service.

- When you press and hold the wireless remote controller signal receiver for 3 seconds or longer and release it in the air conditioner or ventilation main screen, it enters the installer setting mode.
 - When you enter from air conditioner screen, it enters air conditioner installer setting, and when you enter from ventilation screen, it enters ventilation installer setting.
 - If button is not pressed for at least 3 seconds, it will not enter the setting mode.



- In 'Input Code' screen, you can input code to carry out Installer Setting Function.



- During the input of the installer code, refer to the installer code. If no buttons are pressed.
- If no buttons are pressed for about 60 seconds, it automatically exits from the setting screen.

NOTE

Some categories of the menu may not be displayed or menu name may differ depending on your specific indoor unit model type.

Installer setting code table

<General air conditioner product code table>

Code	Setting Mode	Setting Value		
		Value 1	Value 2	Value 3
1	Test Run	001 : Cooling 002 : Heating		
2	Central control address setting	0~F : Group	0~F : Unit	
3	ESP	<ESP step> 001 : SLOW 002 : LOW 003 : MED 004 : HIGH 005 : POWER	<ESP setting value> 0~255	
4	Temperature sensor	001 : remote controller 002 : indoor unit 003 : 2TH		
5	Ceiling height	001: low 002: standard 003: high 004: very high		
6	Static pressure	001 : V-H 002 : F-H 003 : V-L 004 : F-L		
7	Remote controller master / slave setting	000 : slave 001 : master		
8	Operation master / slave setting (Mode Override)	000 : slave 001 : master		
9	Dry contact mode setting	000 : manual 001 : automatic		
11	Wind amount fixing	001 : variable 002 : fixed		
12	Celsius / Fahrenheit Switching	000 : Celsius 001 : Fahrenheit		
13	Zone type	000 : Old 001 : New(4Zone) 002 : New(8Zone)		
14	Zone number	002~008 : Installed number		
17	Celsius control unit setting	000 : 1 °C control 001 : 0.5 °C control		
18	Emergency Heater Setting	<Select mode> 000 : not use 001 : use	<Setup Low Ambient Setup FAN Heating Operation> 000 : not use 001 ~ 003 : Setting Step 001 ~ 015 : Setting Step (step expand indoor unit)	<Setup Fan speed> 000 : fan off 001 : fan on

Code	Setting Mode	Setting Value		
		Value 1	Value 2	Value 3
19	Function setting in group control	000 : use basic function only 001 : use basic function & some Master indoor unit function		
20	Plasma	000: Not Installed 001: Installed		
21	Heater			
22	Humidification			
23	Elevation grill			
24	Ventilation Kit			
25	Auxiliary heater	000: Not installed 001: installed-General 002: installed-Duct type		
26	Check indoor unit Address Number			
29	Use Refrigerant leakage Sensor	000 : not use 001 : use		
31	Setting temperature range	000: 60~86 °F / 16~30 °C 001: 40~99 °F / 4~37.5 °C		
32	Static Pressure step	000: use static pressure (code 06) set value 001~011: static pressure step (code 32) set value		
33	Guard timer	000: 0 minute 001: 15 minutes 002: 30 minutes 003: 45 minutes 004: 60 minutes		
35	Cooling thermal off Fan operation	000: Cooling thermal off Fan speed -Low 001: Cooling thermal off Fan OFF 002: Cooling thermal off Fan speed setting value		
36	Use Primary Heater control	000: Cancel primary heater control 001: use primary heater control		
38	Air conditioner Fan operation interlocked with ventilation	000: air-conditioner fan off 001: air-conditioner fan operate very low		
39	Indoor unit Auto-Start setting	000: Use indoor unit auto restart 001: not use indoor unit auto restart		
40	Occupancy sensor 'occupy maintain' time setting	000: 0 minute 001: 10 minutes 002: 30 minutes 003: 60 minutes		

※ Some contents may not be displayed depending on the product function.

<Ventilation product code table>

Setting mode	Code value	Functional product	Setting value
Test Run	1	DX(Direct Ex-changer) Type	01 : cooling operation
Central control address setting	2	General	00~FF : central control address
Air supply ESP	3	General/DX Type	<ESP stages>
			01 : weak
			02 : strong
			03 : very strong
Air discharge ESP	4		※ Same as general air conditioner products' marking.
Product direction	5	General	01 : normal
			02 : reverse
Express ventilation priority	6	General/DX Type	01: priority in supply,
			02: priority in discharge
Remote controller master/ slave setting	7	General/DX Type	00:slave, 01:master
Operation master/slave setting	8	DX Type	00:slave, 01:master
Dry contact automatic mode	9	DX Type	00:off, 01:set
Wind amount fixing	11	DX Type	01:variable, 02:fixed
Ventilation single humidification	13	General/DX Type	00:function used,
			01:function not used
Ventilation heating humidification	14	DX Type	01:automatic, 02>manual
Ventilation standard wind amount	15	General Type	00 : factory ship out value
			11 : 10 % increase
			21/22 : 10/20 % decrease

※ The code value marking may be different for each product.

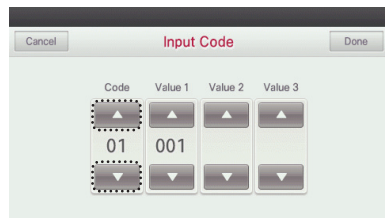
Test Run Operation (air conditioner / DX type ventilator)

Test Run (air conditioner / DX(Direct Expenditure) type ventilator)

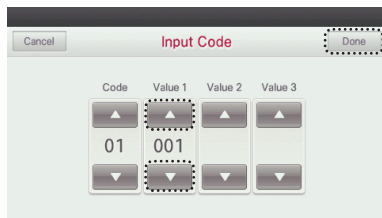
You must perform test operation after the product installation.

For details related to the trial operation, refer to the product manual.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- In the Code input field, select test run code value '01'.
- You can press '▲', '▼' button to change the code value.

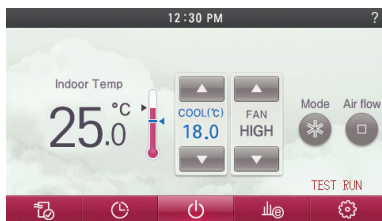


- At the Value 1 field, press the '▲', '▼' button to select the test run mode, and press 'Done' button to start the test run.
- If you do not press 'Done' button, the setting value will not be applied.



✦ Test operation mode value

- 01: cooling operation
- 02: heating operation

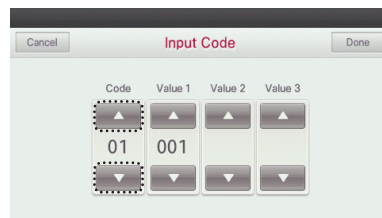


- During the test operation, if you operate any of the following functions, the test run will be interrupted and stop.
- Operation mode, temperature up/down, fan speed, Air flow direction, power on/off button.

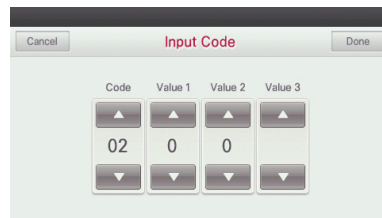
Central control address (air conditioner /General, DX type ventilator)

This function allows the user to set the central control address of the indoor units during the central controller connection.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- Select '02' for Code value.
- You may need to press '▲', '▼' button to change the code value.



- At the Value 1 and Value 2 fields, press the use '▲', '▼' button to select group address and indoor unit address value, and press 'Done' button to complete the address setting.
- If you do not press 'Done' button, your value settings will not be applied.
- Hexadecimal values, can be set from 0~F.



✦ Address setting

- Value 1: group number
- Value 2: indoor number

- ✦ If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

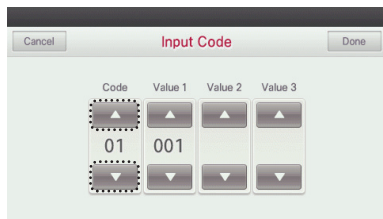
ESP setting (air conditioner / Gerneral, DX type ventilator)

This function allows you to set the fan speed step value for each speed rate.

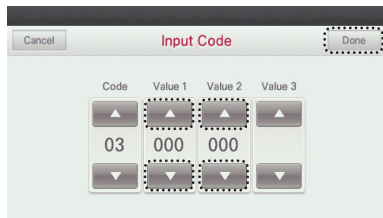
! NOTE

- If ESP is incorrectly set, it may cause air conditioner malfunction.
- This function must be set by an installation professional.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- In the Code field, set the ESP setting value to '03':
 - * For ventilation product, code values are divided to '03' supply air and '04' discharge air ESP setting. Refer to the installer setting code table.
 - You can press '▲', '▼' button to change the code value.



- At the Value 1 and Value 2 fields, press the, '▲', '▼' button to select ESP air amount stage and ESP value, and press 'Done' button to apply the ESP setting.
 - If you do not press 'Done' button, your field input value will not be applied.



* ESP setting

- Value 1: ESP fan speed step
- Value 2: ESP value

* ESP setting value input can be 0~255

ESP wind amount stage	wind amount
01	SLOW
02	LOW
03	MED
04	HIGH
05	POWER

<Air conditioner>

ESP wind amount stage	wind amount
01	LOW
02	HIGH
03	POWER

<Ventilator>

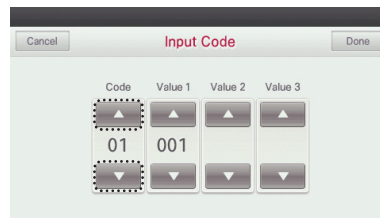
! NOTE

- Be especially careful not to switch ESP values corresponding to each wind amount.
- 'SLOW' and 'POWER' may not be set for some indoor unit products.
- Available ESP value may be different for each product and capacity.

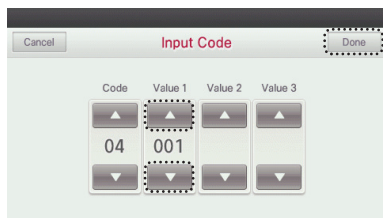
Indoor temperature detection sensor setting (air conditioner)

This function select the temperature sensor to determine the indoor temperature.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- At the Code input field select indoor temperature detection sensor setting code value '04'.
 - You can press '▲', '▼' button to change the code value.



- At the Value 1 field, press the '▲', '▼' button to select the sensor location setting value and press 'Done' button to apply the indoor temperature detection sensor location setting.
 - If you do not press 'Done' button, your settings will not be applied.



✱ Sensor location setting value

- 01: remote controller
- 02: indoor unit
- 03: 2TH

Temperature sensor location		Function
Remote controller		Operate the system with wired remote controller's temperature sensor
Indoor unit		Operate the system with indoor unit's temperature sensor
2TH	Cooling	Compare the temperatures of the indoor unit and the wired remote controller and operate with the higher temperature (There are system operated with lower temperature)
	Heating	Compare the temperatures of the indoor unit and the wired remote controller and operate with the lower temperature

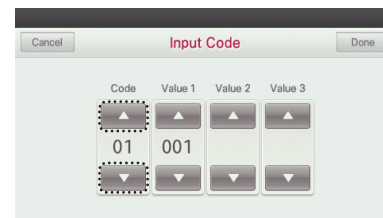
✱ 2TH function's operation characteristics may be different for each product.

✱ If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

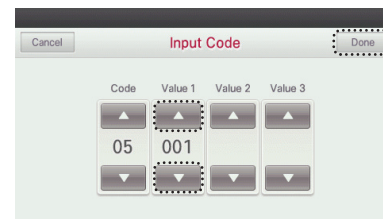
Ceiling height selection (air conditioner)

This function adjusts the wind amount stages according to the ceiling height for the ceiling type unit.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
 - You can press '▲', '▼' button to change the code value.
- At the Code field select ceiling height setting code value '05'.
 - You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select ceiling height setting value, and then press 'Done' button to apply the ceiling height setting.
 - If you do not press 'Done' button, your settings will not be applied.



✱ Ceiling height setting value

- 01: low
- 02: standard
- 03: high
- 04: very high

Ceiling height	Function
Low	Fan speed operates one step slower than the default value.
Standard	Operates at the default fan speed
High	Fan speed operates one step faster than the default value.
Very high	Fan speed operates two steps faster than the default value.

✱ If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

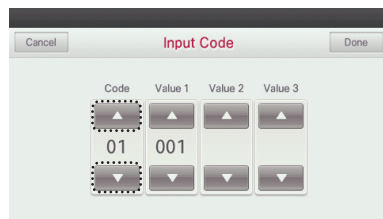
! NOTE

- Ceiling height setting is only available for certain models.
- Some indoor units may not have a "very high" ceiling option.
- For details, refer to the indoor unit's manual.

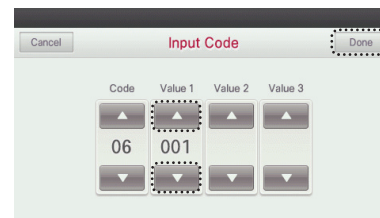
Static pressure setting (air conditioner)

Static pressure can be set only for the duct products.
It cannot be set for other products.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- At the Code field, select static pressure setting code value '06'.
- You can press '▲', '▼' button to change the code value.



- At the Value 1 field, press the '▲', '▼' button to select static pressure selection setting value, and press 'Done' button to apply the static pressure level setting.
- If you do not press 'Done' button, your settings will not be applied.



✱ Static pressure selection setting values

- 01: V - H
- 02: F - H
- 03: V - L
- 04: F - L

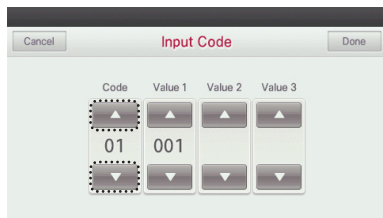
Static pressure		Function	
		Operation region	ESP default value
Variable high static pressure	V - H	Variable	High static pressure (High)
Fixed high static pressure	F - H	Fixed	High static pressure (High)
Variable low static pressure	V - L	Variable	Low static pressure (Low)
Fixed low static pressure	F - L	Fixed	Low static pressure (Low)

✱ If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

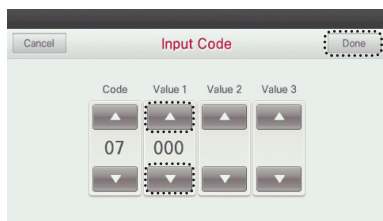
Remote controller master / slave setting (air conditioner / General, DX type ventilator)

This function sets configuration for the master/slave setting through the remote controller.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- At the Code field select remote controller master / slave setting code value '07'.
- You can press '▲', '▼' button to change the code value.



- At the Value 1 field, press the '▲', '▼' button to select remote controller setting value, and press 'Done' button to apply the remote controller master / slave selection input.
- If you do not press 'Done' button, your settings will not be applied.



- ✳ Remote controller setting value
- 00: slave
 - 01: master

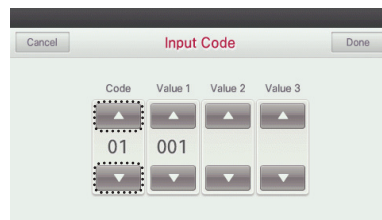
Remote controller	Function
Master	During the group control, the indoor units are operated based on the remote controller. (It is set as master at as shipped.)
Slave	During the group control, all remote controllers except 1 master remote controller are set as slaves.

- ✳ If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

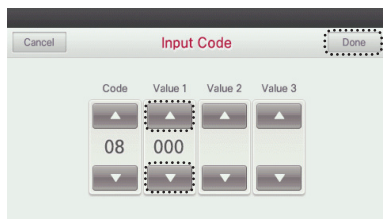
Operation master / slave setting (air conditioner / General, DX type ventilator)

This function sets the indoor unit to either slave or master mode depending on the input code value.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- At the Code field select operation master / slave setting code value '08'.
- You can press '▲', '▼' button to change the code value.



- At the Value 1 field, press the '▲', '▼' button to select operation setting value, and press 'Done' button to apply the master / slave setting.
 - If you do not press 'Done' button, your settings will not be applied.



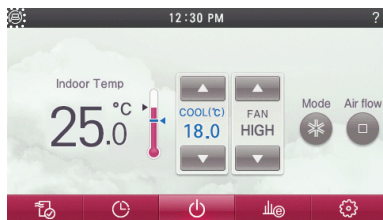
✱ Operation setting value

- 00: slave
- 01: master

! NOTE

Master/slave operation is not available with all products

- ✱ If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.
- ✱ Operation master / slave selection function may not work in some products.
- ✱ When the slave operation function is selected, 'linked control' is displayed in the remote controller display window as in the figure below

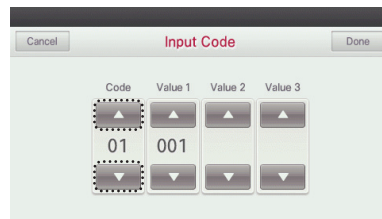


Dry contact mode setting (air conditioner / DX type ventilator)

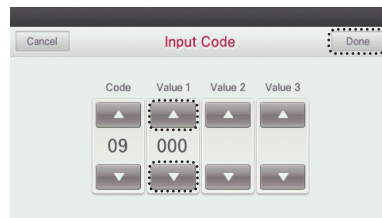
What is a dry contact?

It refers to the contact point signal input such as a hotel card key, human body detection sensor, etc. is used with the air conditioner.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- Select dry contact mode setting code value '09'.
 - You can press '▲', '▼' button to change the code value.



- At the Value 1 field, press the '▲', '▼' button to select dry contact setting value, and press 'Done' button to apply the dry contact mode setting.
 - If you do not press 'Done' button, your settings will not be applied.



✱ Dry contact setting value

- 00: manual
- 01: automatic

! NOTE

For detailed functions related to the dry contact mode, refer to the dry contact manual.

- ✱ If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

Fan speed fixing (air conditioner / DX type ventilator)

It is the function to apply different fan speeds automatically for each thermal control status.

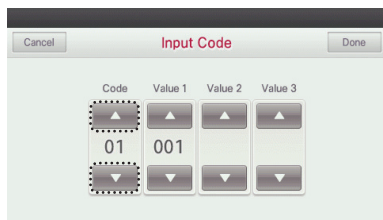
* Variable: When COMP is ON, operate as the set fan speed, and when COMP is OFF, operate at 'ROW' fan speed.

Fixed: When COMP is ON, operate as the set fan speed, and when COMP is OFF, also operate at the set fan speed.

● Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.

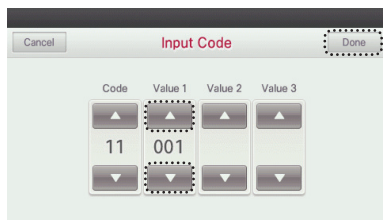
● At the Code field select fan speed fixed setting code value '11'.

- You can press '▲', '▼' button to change the code value.



● At the Value 1 field, press the '▲', '▼' button to select wind amount fixing setting value, and then press 'Done' button to complete the fan speed fixing setting.

- If you do not press 'Done' button, your changes will not be applied.



* Fan speed fixed setting value

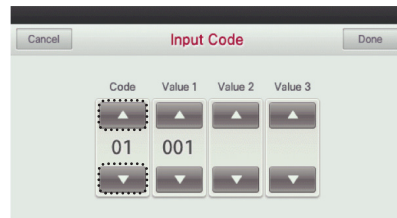
- 01: variable
- 02: fixed

* If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

Celsius / Fahrenheit Switching (air conditioner)

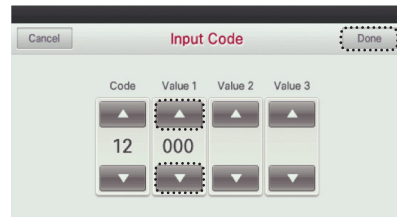
This function is used for switching the display between Celsius and Fahrenheit. (Optimized only for U.S.A)

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- Select remote controller Celsius / Fahrenheit Switching code value '12'.
 - You can press '▲', '▼' button to change the code value.



● In value1, use '▲', '▼' button to select Celsius control unit setting value, and press 'Done' button to complete the Celsius / Fahrenheit Switching setting.

- If you do not press 'Done' button, the setting value will not be applied.



* Celsius control unit setting value

- 000: Celsius
- 001: Fahrenheit

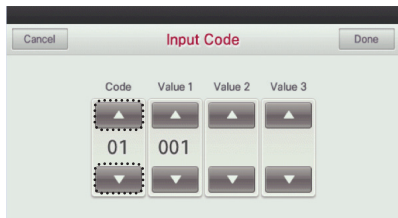
* If there is no button input for about 60 seconds after the setting, it automatically exits from the setting mode.

Zone Type Setting(air conditioner)

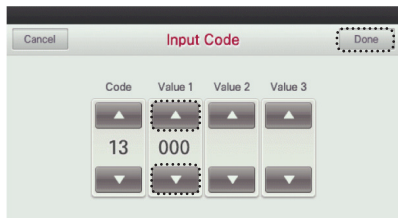
This function is only available on some products.

It is possible to setup zone new type or old one of the product which is available to install the damper controller.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller Zone type setting code value '13'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select Celsius control unit setting value, and press 'Done' button to complete the Zone type setting.
- If you do not press 'Done' button, the setting value will not be applied.



※ Setting value

- 000 : Old
- 001 : New(4Zone)
- 002 : New(8Zone)

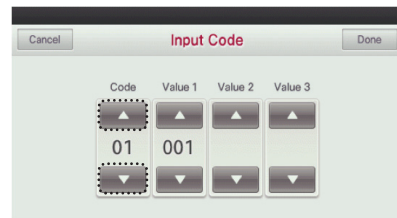
※ If there is no button input for about 60 seconds after the setting, it automatically exits from the setting mode.

Zone Number Setting(air conditioner)

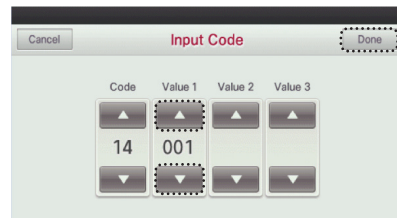
This function is only available on some products.

Zone Number is to set the number of installed zones. It's possible to control only in zone new type.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller Zone Number setting code value '14'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select Celsius control unit setting value, and press 'Done' button to complete the Zone Number setting.
- If you do not press 'Done' button, the setting value will not be applied.



※ Setting value

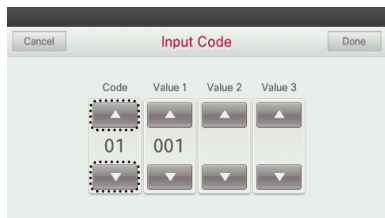
- 002~004 : Installed number(Zone type New(4Zone))
- 002~004 : Installed number(Zone type New(8Zone))

※ If there is no button input for about 60 seconds after the setting, it automatically exits from the setting mode.

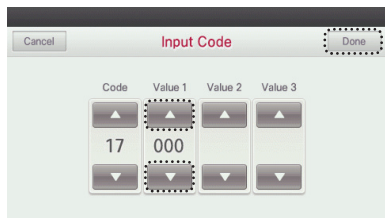
Celsius control unit setting (air conditioner)

Celsius control unit setting you to set the temperature adjustment unit in the unit of 1°C or 0.5°C.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- At the Code field select setting code value '17'.
- You can press '▲', '▼' button to change the code value.



- At the Value 1 field, press the '▲', '▼' button to select Celsius control unit setting value, and then press 'Done' button to complete the Celsius control unit setting.
- If you do not press 'Done' button, your changes will not be applied.



※ Celsius control unit setting value

- 00: 1°C control
- 01: 0.5°C control

※ If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

Emergency Heater Setting(air conditioner)

This function is only available on some products

This function will set the Emergency Heater Setting.

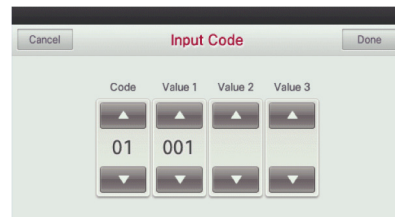
Emergency Heater is used to heat the space in emergency case such as heat pump error. Emergency heat is in place of and does not supplement heat pump.

※ Emergency Heater setting Function sets following conditions:

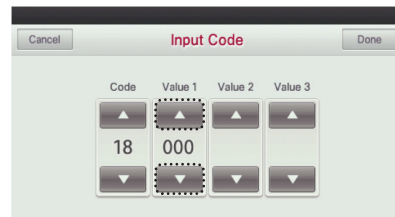
- 1) Emergency Heater operation while in error or outdoor unit operates cooling cycle.
- 2) Emergency Heater operation in Low Ambient temperature
- 3) Fan speed setting during Emergency Heater operation

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.

- Select remote controller Emergency heater setting code value '18'.
You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select Emergency heater setting value.

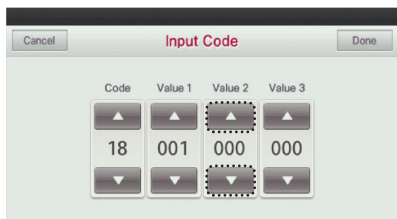


※ Setting value #1(Heater Operation while in error or outdoor unit operates cooling cycle.)

- 000 : Not use
- 001 : Use

※ If 000 is set at this stage, setting value #2 & setting value #3 will not be available.

- In value2, use '▲', '▼' button to select setting value.



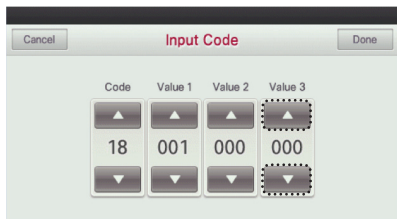
✱ Setting value #2(Low Ambient Heating Operation.)

- 000 : not use
- 001 : use - compressor off(0°F / -18°C) / compressor on(5°F / -15°C)
- 002 : use - compressor off(5°F / -15°C) / compressor on(10°F / -12°C)
- 003 : use - compressor off(10°F / -12°C) / compressor on(15°F / -9°C)

✱ Emergency heater operation in Low Ambient temperature

- Compressor off : Emergency heater enabled compressor on : Emergency heater disabled

- In value3, use '▲', '▼' button to select setting value.



✱ Setting value #2(FAN Speed Setting during Emergency Heater Operation.)

- 000 : fan off
- 001 : fan on

- Press 'Done' button to complete setting.

If you do not press 'Done' button, the setting value will not be applied.

✱ If there is no button input for about 60 seconds after the setting, it automatically exits from the setting mode.

NOTE

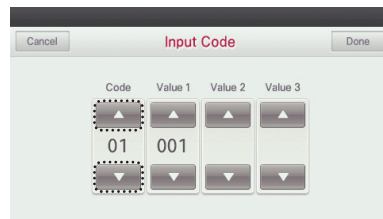
This function setting must be carried out by a certified-technician.

Setting of Function control during group control (air conditioner)

This function enables the control of the common functions or some functions based on the master indoor unit during the group control.

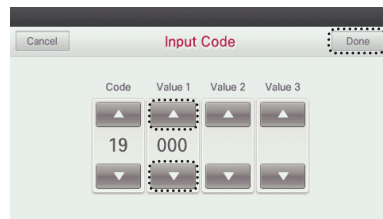
- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- At the Code field select the setting code value '19' to enable function control setting during the group control.

- You can press '▲', '▼' button to change the code value.



- In the Value 1 field, press the '▲', '▼' button set the value for the function control setting during the group control, and then press 'Done' button to complete the setting.

- If you do not press 'Done' button, the setting value will not be applied.



✱ Setting values for the function control during the group control

- 00: only use common function in group control.
- 01: use expanded function which is based on master indoor unit

NOTE

- Common functions and some indoor unit master based settings shall be set only for the group control of the products with the same indoor unit types.
- For the group control of the product groups with different indoor unit types, set it with the value of '000' and use the existing group control method.

✱ If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

External Devices Of Indoor Unit Setting (air conditioner)

At the Code field, select when air cleaner/heater/humidifier/elevation grill/ventilation KIT/refrigerant leakage detection sensor are newly installed to the indoor unit or when an installed KIT is removed.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- At the Code field, select the code value of the desired functional product as shown in the table below.
- You can press '▲', '▼' button to change the code value.

Function	Code value
Air cleaner	20
Heater	21
Humidifier	22
Elevation grill	23
Ventilation KIT	24
Refrigerant leakage detection sensor	29

- In the Value 1 field, press the '▲', '▼' button to select the setting value for each function, and press 'Done' button when complete.
- If you do not press 'Done' button, your settings will not be applied.

* Setting value of each function

- 00: Not installed
- 01: Installed

* If no buttons are pressed for about 60 seconds after the setting, it automatically exits from the setting mode.

Indoor unit address verification (air conditioner)

This function allows you to check the address of the indoor unit designated by the outdoor unit.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- At the Code field, select the indoor unit address verification code value '26'.
- You can press '▲', '▼' button to change the code value.

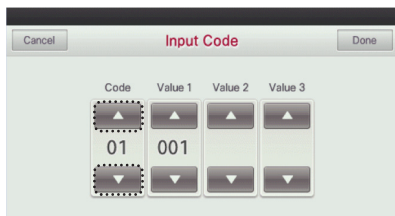
- Verify the indoor unit's setting in the Value 1 field, and press 'Done' button to complete the indoor unit address verification.

Setting temperature range (air conditioner)

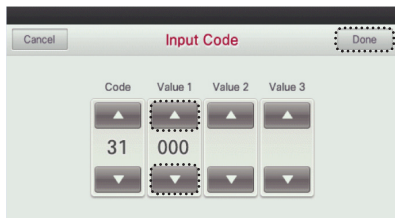
This function using in 2 Set control mode.

This function is used for select setting temperature range option.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller temperature range setting code value '31'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select temperature range setting value, and press 'Done' button to complete setting.
- If you do not press 'Done' button, the setting value will not be applied.



- * Setting value
 - 000 : 60~86 °F / 16~30 °C (default)
 - 001 : 40~99 °F / 4~37.5 °C

- * When the set values are changed, the items below will be initialized.
 - Setting temperature (default: Cooling: 86 °F(30 °C)/ Heating: 60 °F(16 °C))
 - Set back temperature (default: Cooling: 86 °F(30 °C)/ Heating: 60 °F(16 °C))

In case of the setting temperature range option2(31:001), please note that the setting of the remote controller (with cable) can be altered under below circumstances. (Changes in setting example)

- In case of cooling at 30~37.5 °C(64~99 °F), it is changed to cooling at 86 °F(30 °C).
- In case of heating at 4~15.5 °C(40~86 °F), it is changed to heating at 60 °F(16 °C).
- If it is on the 2Set Mode, it is changed to the current operation mode(cooling or heating) of the indoor unit.

Situation where changes in the setting occur

- Operates the Auto address work and pipe search in situations such as product installment and service.
- Occurrence of errors and deactivation.
- Command generated by the central control, outdoor unit, Dry contact, Remote controller, indoor unit switch.

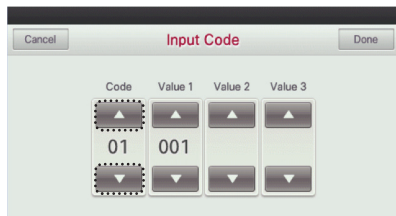
Static Pressure Step Setting(air conditioner)

This function is applied to only duct type. Setting this in other cases will cause malfunction.

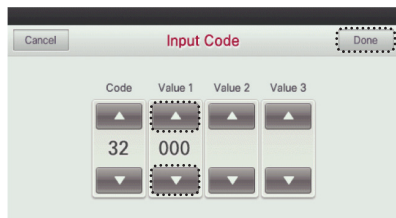
This function is only available on some models.

This is the function that static pressure of the product is divided in 11 steps for setting.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller code value '32'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select setting value, and press 'Done' button to complete setting.
- If you do not press 'Done' button, the setting value will not be applied.



* Setting value

- 000 : use static pressure (code 06) set value.
- 001~011 : static pressure step (code 32) set value.

! NOTE

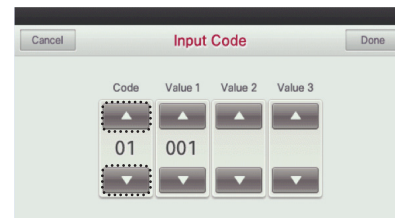
- Static Pressure (Code 06) setting will not be used if Static Pressure Step (Code 32) setting is being used.
- For the static pressure value for each step, refer to the indoor unit in the product manual.

Guard timer(air conditioner)

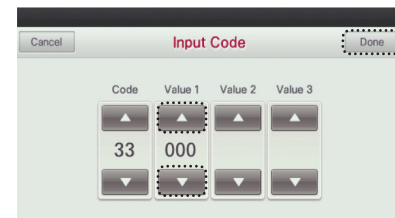
It is a function that sets the minimum running time of outdoor unit cycle mode when switching from cooling mode to heating mode and vice versa during Auto Operation mode.

Under the condition of cooling/heating switching, it switches between cooling and heating mode after operation during the time scheduled in the Guard timer.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller code value '33'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select setting value, and press 'Done' button to complete setting.
- If you do not press 'Done' button, the setting value will not be applied.

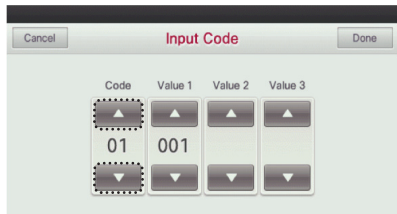


Value	Guard time
0	0 minute
1	15 minutes
2	30 minute
3	45 minutes
4	60 minutes

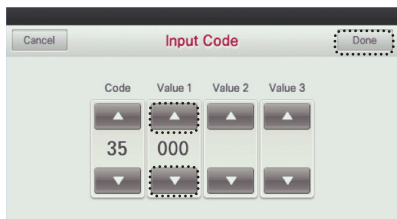
Fan operation in the cooling mode and thermal off conditions (air conditioner)

It is a function that sets the indoor unit fan movement, in cooling mode, when thermal is off.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller code value '35'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select setting value, and press 'Done' button to complete setting.
- If you do not press 'Done' button, the setting value will not be applied.

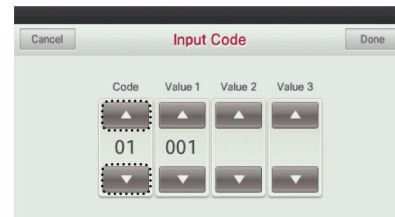


Value	Fan operation in the cooling mode and thermal off conditions
0	Fan speed Low
1	Fan off
2	Fan speed Setting value

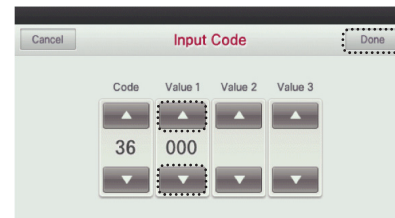
Primary Heater control setting(air conditioner)

It is a function that sets the outdoor unit to operate with auxiliary heat source and the heater to run with main heat source in heating mode.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller code value '36'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select setting value, and press 'Done' button to complete setting.
- If you do not press 'Done' button, the setting value will not be applied.

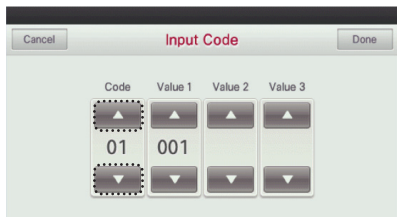


Value	Primary Heater control setting
000	Cancel primary heater control
001	Use primary heater control

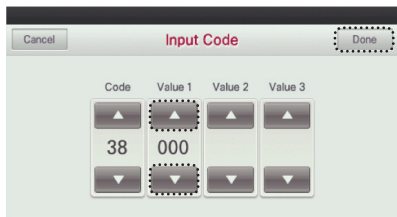
Air conditioner Fan operation interlocked with ventilation (air conditioner)

It is a function that sets the availability of air conditioner FAN movement when only the ventilation is running while air conditioner is off, in case of interlock of the air conditioner operation with the ventilation operation.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller code value '38'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select setting value, and press 'Done' button to complete setting.
- If you do not press 'Done' button, the setting value will not be applied.

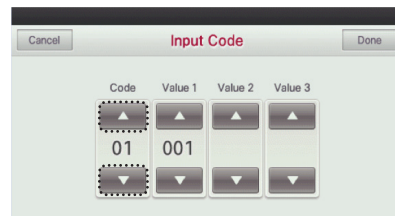


Value	Primary Heater control setting
000	air-conditioner fan off
001	air-conditioner fan operate very low

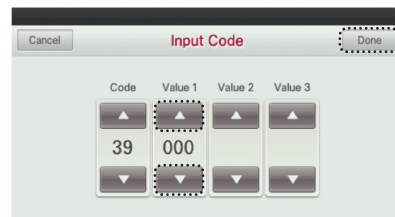
Indoor unit Auto-Start setting(air conditioner)

It is a function that sets whether to restore the indoor unit operation by resuming the previous power-on state or as power-off state in the power failure compensation.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller code value '39'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select setting value, and press 'Done' button to complete setting.
- If you do not press 'Done' button, the setting value will not be applied.

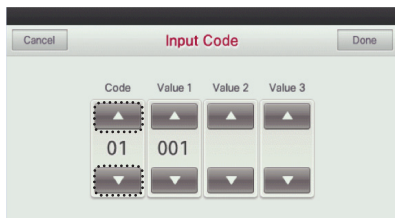


Value	Primary Heater control setting
000	Use indoor unit auto restart
001	Not use indoor unit auto restart

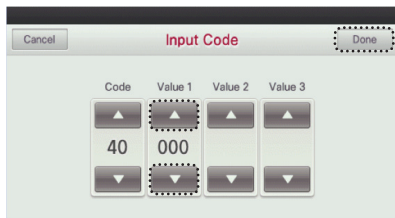
Occupancy Duration Time Setting(air conditioner)

It is a function that sets the light-on/occupancy duration after motion is detected when installing an occupancy sensor.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3seconds or longer to enter the installer function.
- Select remote controller code value '40'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select setting value, and press 'Done' button to complete setting.
- If you do not press 'Done' button, the setting value will not be applied.

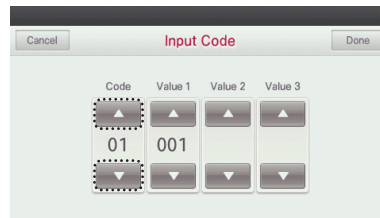


Value	Occupancy Duration Time
000	0 minute
001	10 minutes
002	30 minutes
003	60 minutes

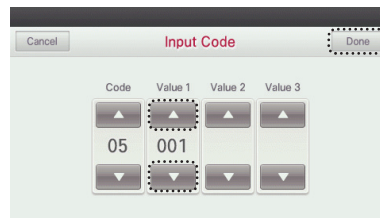
Product direction (General ventilator)

It is the function to set the direction of the ventilation product.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- Select remote controller Celsius control unit setting code value '05'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select product direction setting value, and press 'Done' button to complete the setting.
- If you do not press 'Done' button, the setting value will not be applied.



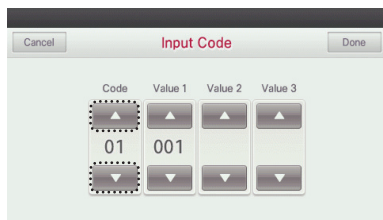
- ✦ Product direction setting value
- 01: normal
- 02: reverse

- ✦ If there is no button input for about 60 seconds after the setting, it automatically exits from the setting mode.

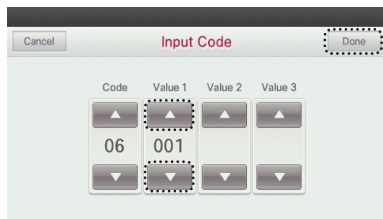
Express ventilation priority (General, DX type ventilator)

It is the function to set the priority of the air supply and air discharge during the express ventilation operation.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- Select remote controller Celsius control unit setting code value '06'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select express ventilation priority setting value, and press 'Finish' button to complete the setting.
- If you do not press 'Finish' button, the setting value will not be applied.



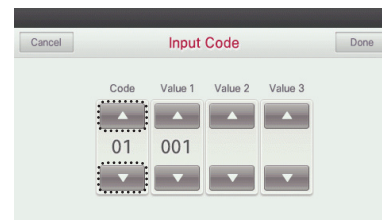
- * Express ventilation priority setting value
 - 01: priority in air supply
 - 02: priority in air discharge

- * If there is no button input for about 60 seconds after the setting, it automatically exits from the setting mode.

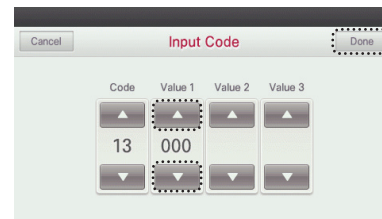
Humidification of Stand-alone Ventilation mode (General, DX type ventilator)

It is the function to set whether to use the humidification function during the ventilation product single operation.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- Select remote controller Celsius control unit setting code value '13'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select ventilation single humidification setting value, and press 'Done' button to complete the setting.
- If you do not press 'Done' button, the setting value will not be applied.



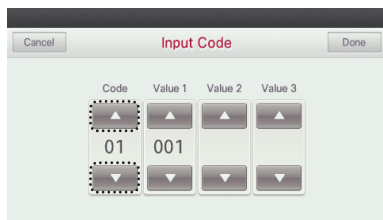
- * Ventilation single humidification setting value
 - 01: Used
 - 02: Not used

- * If there is no button input for about 60 seconds after the setting, it automatically exits from the setting mode.

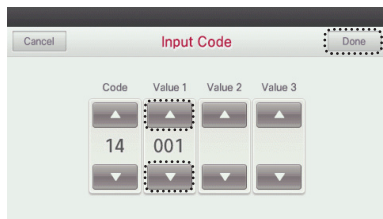
Humidification Of Ventilation With Heating Operation (DX type ventilator)

It is the function to set the heating humidification function of the direct ventilation to be automatic or manual.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- Select remote controller Celsius control unit setting code value '14'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select ventilation heating humidification setting value, and press 'Done' button to complete the setting.
- If you do not press 'Done' button, the setting value will not be applied.



※ Ventilation single humidification setting value

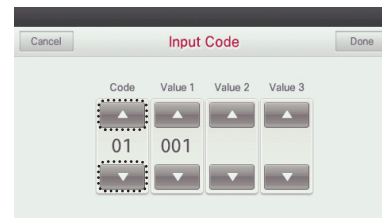
- 01: Used
- 02: Not used

※ If there is no button input for about 60 seconds after the setting, it automatically exits from the setting mode.

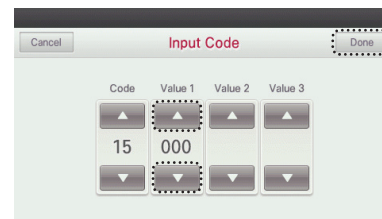
Ventilator Fan Speed Alignment (General ventilator)

It is the function to change the standard fan speed of the ventilation product.

- Press and hold 'wireless remote controller signal receiver part' of the remote controller for 3 seconds or longer to enter the installer function.
- Select remote controller Celsius control unit setting code value '15'.
- You can press '▲', '▼' button to change the code value.



- In value1, use '▲', '▼' button to select ventilation standard fan speed setting value, and press 'Done' button to complete the setting.
- If you do not press 'Done' button, the setting value will not be applied.



※ Ventilation standard wind amount setting value

- 00: factory ship-out
- 01: 10% increase
- 21: 10% decrease
- 22: 20% decrease

※ If there is no button input for about 60 seconds after the setting, it automatically exits from the setting mode.