OWNER'S & INSTALLATION MANUAL

AIR CONDITIONER

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

TYPE:Wired Remote Controller
Original Instruction

Model Name :PREMTB001.APUNE

MFL69714301
Rev.01_090725

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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 be harmful for your health and may consume more electricity.
- Block sunlight with blinds or curtains while you are operating the air conditioner.
- Keep doors or windows closed tightly while you are operating the air conditioner.
- Adjust the direction of the air flow vertically or horizontally to circulate indoor air.
- Speed up the fan to cool or warm indoor air quickly, in a short period of time.
- Open windows regularly for ventilation as the indoor air quality may deteriorate if the air conditioner is used for many hours.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or weaken 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

- The installation requires expert skills, and it should be installed by the service center or other shops specialized in the installation and recognized by our company.
- For all the problems arising after installation by someone who has no relevant qualifications, our company will not provide free service.
- The following safety cautions are provided to prevent unexpected dangers or losses.

⚠ WARNING

If the user does not follow the mandatory items, it may result in serious injury or death.

⚠ CAUTION

If the user does not follow the mandatory items, it may cause personal injury or property damage.

Warning and Caution are to call the user's attention to the possible danger. Read the follow them carefully in order to prevent a safety accident.

Warning and Caution are indicated in this guide and the product itself to help protect the users from danger.

⚠ WARNING

Installation

- Ensure that all installation, service or re-installation is carried out by a qualified person.
  Do not dismantle or modify the product in any way. Failure to follow these instructions may result in a fire, explosion or electric shock

In-use

- Do not place flammable material or stuffs around the controller.
  - It will cause fire.
- Do not allow water to run into the product.
  - It will cause electric shock or breakdown.
- Do not give the shock to the product.
  - It will cause breakdown when giving the shock to the product.
- Request to the service center or installation specialty store when the product becomes wet.
  - It will cause fire or electric shock.
- Do not expose to shock using sharp and pointed objects.
  - It will cause breakdown by damaging parts.

⚠ CAUTION

In-use

- Do not clean using the powerful detergent like solvent but use soft cloths.
  - It will cause fire or product deformation.
- Do not press the screen using powerful pressure or select two buttons.
  - It will cause product breakdown or malfunction.
- Do not touch or pull the lead wire with wet hands.
  - It will cause product breakdown or electric shock.

ENGLISH

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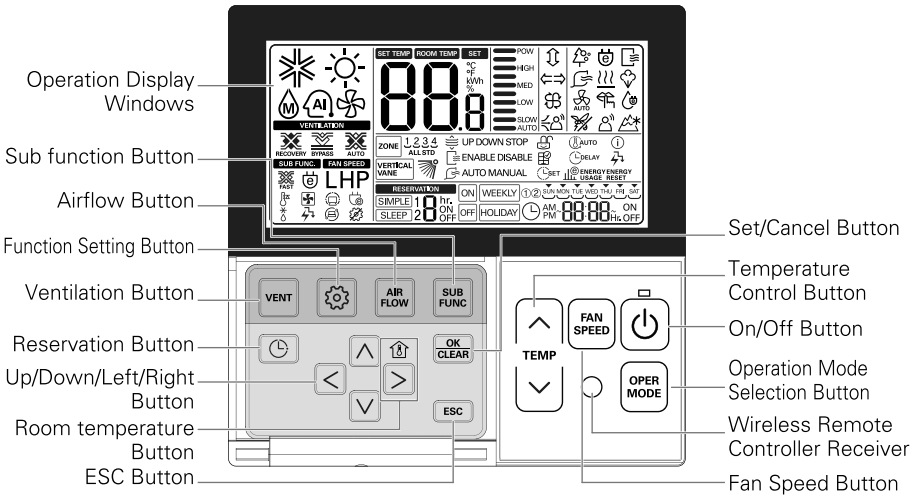
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ENGLISH

PART DESCRIPTION



Operation Display Windows : Displays the status of operation and settings
Ventilation Button : For interlocking operations of air-conditioner and ventilator
Function Setting Button : To select the additional operations function
Airflow Button : To select the airflows
Sub function Button : To select the additional operations function
Reservation Button : To program the schedule
Up/Down/Left/Right Button : To change the settings in the menu
Room temperature Button : To check the indoor temperature
ESC Button : To exit from the menu
Set/Cancel Button : To save the settings in the menu
Temperature Control Button : To change the desired temperature
Fan Speed Button : To select the fan speed
On/Off Button : To turn on/off with a remote controller
Mode Selection Button : To select the operating mode
Wireless Remote Controller Receiver

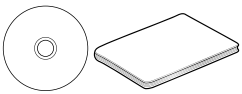
Accessories



Connecting Cable
1 EA, 10m



Screw (4 EA)



Owner's /
Installation manual

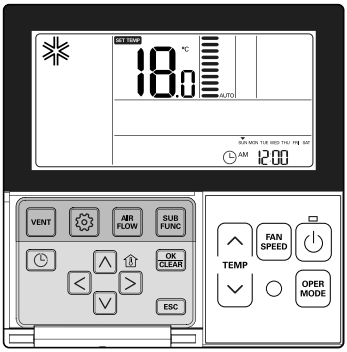


Inform label
(8EA-8Languages)

OWNER'S INSTRUCTION

Standard Operation – Standard Cooling

A pleasant and fresh breeze cools off the room.



Press ⏻ button in the remote controller to begin cooling.

- The initial temperature for cooling is set at 18°C by default.
- The desired temperature can be reached by 1°C or 0.5°C depending on the type of Indoor Unit.

Press ∧ ∨ button to set the desired temperature below the indoor temperature.

- Press ▷ button to see the indoor temperature.

❄ If the desired temperature is set above the indoor temperature, cool air will not blow out but only fan will work instead.

Press ⏻ button during operation to stop cooling.

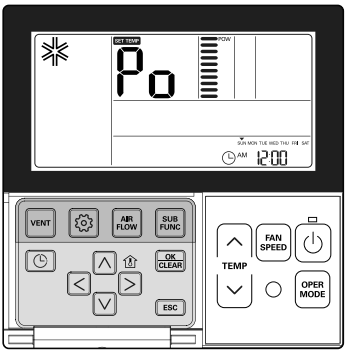
What is a 3-minute delay function?

A cool air will not blow out immediately after stopping cooling in order to protect a compressor. After 3 minutes, the cool air will blow out as the compressor runs.

- The range of the desired temperature is 18°C~30°C for cooling.
  (when it is connected to product supporting cooling 16°C control, you can select the desired temperature in 60~86°F(16~30°C).)
- 5°C is recommended for the difference between indoor and outdoor temperature.

Standard Operation – Power Cooling

It cools off faster and more powerfully.



Press ⏻ button to turn on the indoor.

Press FAN SPEED button during cooling and it will move to "Po" and start power cooling.

❇ Some units run the power cooling after power breeze.

Press FAN SPEED button during operation to cancel the power cooling and run the fan speed automatically.

What is a power cooling?

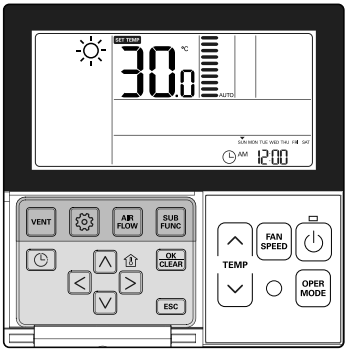
Desired temperature: Po (actual temperature 18°C)
Fan speed: Power breeze
Breeze direction: cooling position

Running to cool down the indoor temperature quickly.

❇ Some units do not have power cooling function.

Standard Operation – Heating Mode

A warm breeze blows out to the room.



Press ⏻ button in the remote controller, and press OPER MODE button to select heating.

- The initial temperature for heating is set at 30°C by default.
- The desired temperature can be reached by 1°C or 0.5°C depending on the type of Indoor Unit.

Press ∧ ∨ button to set the desired temperature above the indoor temperature.

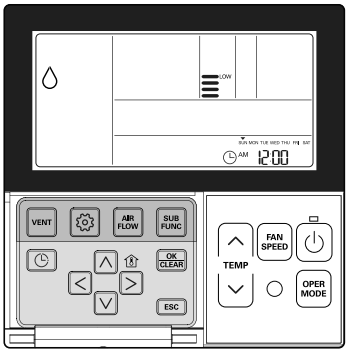
- If the indoor temperature is set above the desired temperature, warm air will not blow out but only fan will work instead. (Press ⇧ > button to see the indoor temperature.)

Press ⏻ button during operation to cancel heating.

- The range of the desired temperature is 16°C~30°C for heating.
- Heating applies only to cooling/heating models.
  Heating will not work in the cooling only models.

Standard Operation – Dehumidifying Mode

It removes moisture while cooling gently.



Press ⏻ button.

Press OPER MODE button to select Dehumidify.

- The temperature cannot be changed during dehumidification.

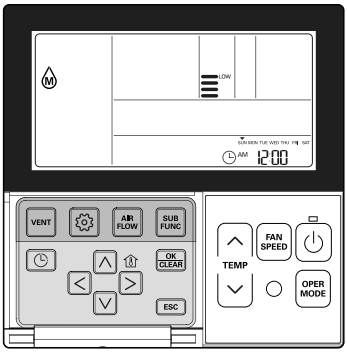
Press FAN SPEED button repeatedly to adjust airflow SLOW → LOW → MED → HIGH → AUTO.

- The initial fan speed in dehumidifying mode is set at 'Low'.

- Using this function in the rainy season or high humidity, you can operate simultaneously dehumidifier and cooling mode to remove humidity effectively.
- The menu of fan speeds may vary depending on the product type.

Standard Operation – Monsoon Dehumidifying Mode

This is monsoon region-specific dehumidification function.



Press ⏻ button.

Press OPER MODE button to select Dehumidify.

- The temperature cannot be changed during dehumidification.

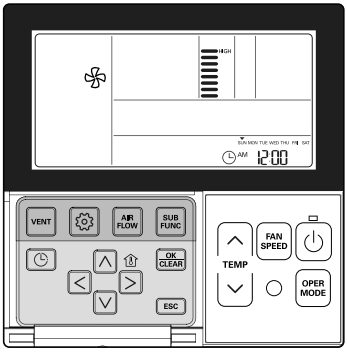
Press FAN SPEED button repeatedly to adjust airflow SLOW → LOW → MED → HIGH → AUTO.

- The initial fan speed in dehumidifying mode is set at 'Low'.

- Using this function in the rainy season or high humidity, you can operate simultaneously dehumidifier and cooling mode to remove humidity effectively.
- The menu of fan speeds may vary depending on the product type.

Standard Operation – Fan Mode

it circulate air at room temperature, without heating or cooling it.



Press ⏻ button.

Press OPER MODE button to select Fan mode.

Press FAN SPEED button repeatedly to adjust wind powerfulness SLOW → LOW → MED → HIGH → AUTO.

- The compressor will not run in the Fan mode.

- It circulates the air without heating or cooling.
- The menu of fan speeds may vary depending on the product type.

Standard Operation – Auto Operation Mode

It automatically selects an operating mode.



Press ⏻ button.

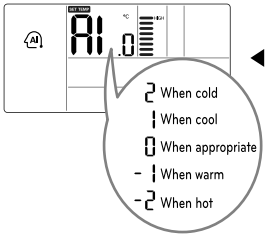
Press OPER MODE button to select Artificial intelligence Mode.

The temperature can be adjusted as illustrated below for cooling/heating models.



◀ Display window (cooling/heating models).

For the cooling only models, press TEMP button to adjust the temperature range '-2'~'2' starting at '0'.



◀ Display window (cooling model)

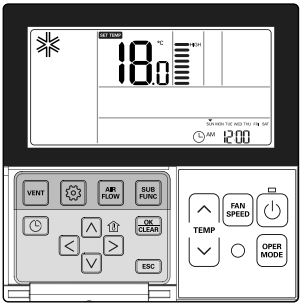
In the Auto Operation mode.

- You can use FAN SPEED button.
- If it doesn't operate as you desire, you can select the other operation mode manually.

Standard Operation – Temperature Setting / Room Temperature Check

Temperature Setting

The temperature can be controlled easily to the desired set point.



Press temperature control button to select the desired temperature.



Press the button to raise the temperature by 1°C.
Press and hold the button to raise the temperature by 1°C automatically.

Press the button to lower the temperature by 1°C.
Press and hold the button to lower the temperature by 1°C automatically.

- Pressing the button displays the actual room temperature for a short period.
- The controller displays the selected temperature.

In the cooling mode

If the desired temperature is higher than the indoor temperature, cooling will not operate.
Set the desired temperature lower than the indoor temperature.

In the heating mode (cooling/heating models)

If the desired temperature is lower than the indoor temperature, heating will not operate.
Set the desired temperature higher than the indoor temperature.

Room Temperature Check

Press button to display the current temperature.

- It returns to the desired temperature after about 5 seconds.

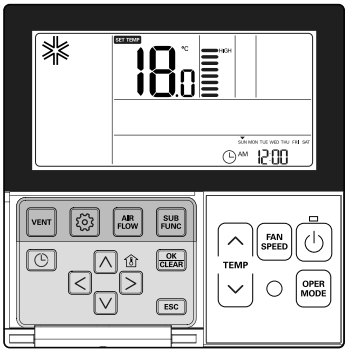
❇ The actual feel temperature and the indoor temperature displayed in the remote controller may not be identical due to the inconsistent temperature distribution in a space where the unit is installed.

- The range of the desired temperature is 18°C~30°C for cooling, and 16°C~30°C for heating. (When it is connected to product supporting cooling 16°C control, you can select the desired cooling operation temperature in 16°C~30°C.)
- 5°C is recommended for the difference between indoor and outdoor temperature.

Standard Operation – Fan Speed / Airflow

Fan Speed

The fan speed can be adjusted easily to the desired set point.



Press [FAN SPEED] button to select the desired wind powerfulness.

- Press [FAN SPEED] button repeatedly to adjust wind powerfulness SLOW → LOW → MED → HIGH → POW → AUTO.
- The menu of fan speeds may vary depending on the product type.
- See the product manual for more details.

Ex) Fan speed selection



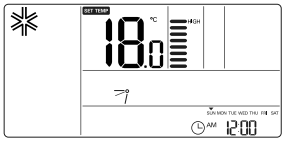
Airflow

Wind direction can be adjusted easily to the desired set point.

Press [AIR FLOW] button to select the desired wind direction.

- Press Airflow button to select the comfortable draft of air direction → Up/Down/Left/Right → Left/Right → Up/Down → upper air draft → down air draft
- The menu of wind directions may vary depending on the product type.
- See the product manual for more details.

❇ If you select upper air draft or down air draft, the wired remote controller will display the below

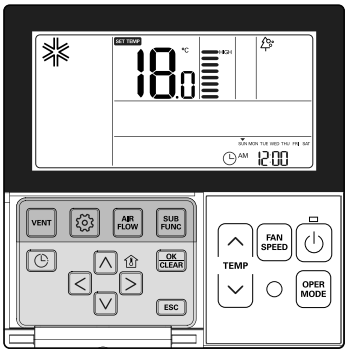


Ex) Wind direction selection

Airflow	Remote Controller Display Window
Comfortable wind	
Up/Down/Left/Right	(ON simultaneously)
Left/Right	
Up/Down	
upper air draft	
down air draft	

Sub Function – Plasma Purification

Air purifying function cleans the air in the room.



Press OK CLEAR button repeatedly until icon displays.
Press OK CLEAR button when icon blinks to select or cancel the purifying function.

❇ The icon will be displayed in case of setting option and disappear in reverse case.

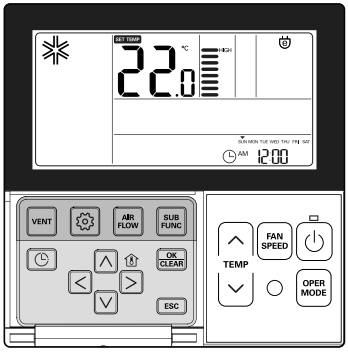
Press ESC button to exit the setup mode.

❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.
❇ If the OK CLEAR button is not selected before you exit, the changes will not apply.

❇ Some products may not include Air purifying function because it is an additional function.
❇ Air purifying is available only when the unit is running.
❇ If you want to run the air purifying only, press Sub function button in the Fan mode and select Plasma Purification.

Sub Function – Energy-Saving Cooling Operation

Energy-saving cooling is a function to improve the energy-saving capacity and comfort by adjusting the desired temperature in the cooling mode.



Press SUB FUNC button repeatedly until icon displays.
Press OK CLEAR button when icon blinks to set or cancel the Energy-saving function.

❇ The icon will be displayed in case of setting option and disappear in reverse case.

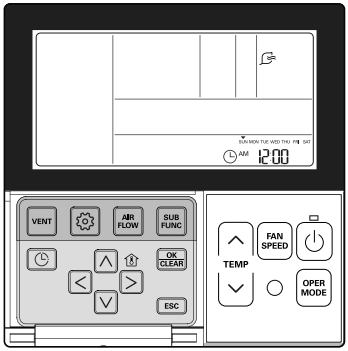
Press ESC button after setup.

❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.
❇ If the OK CLEAR button is not selected before you exit, the changes will not apply.

❇ Energy-saving function is available only in the cooling mode.
❇ Some products may not include Energy-saving function.

Sub Function – Manual Settings for Robot Cleaning

Robot Cleaning is a function that a built-in cleaner performs a filter cleaning automatically when air-conditioner runs for the scheduled hours.
This function can be set in 30 seconds after the unit stops.



Press SUB FUNC button repeatedly until icon displays.

Press OK CLEAR button when icon blinks to set or cancel the Robot Cleaning function.

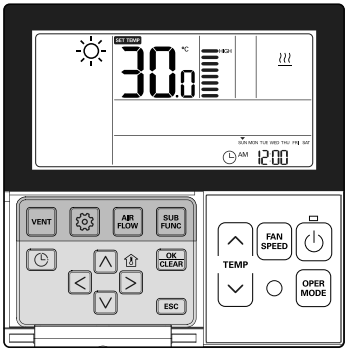
- The icon will be displayed in case of setting option and disappear in reverse case.
- Robot Cleaning icon disappears automatically when cleaning is done.
- In order to cancel Robot Cleaning function manually, press Sub function button repeatedly until the Robot Cleaning mode in the menu, and press OK CLEAR button to cancel Robot Cleaning function.

Press ESC button after setup.

- Some products may not include Robot Cleaning function.
- If the OK CLEAR button is not selected before you exit, the changes will not apply.

Sub Function – Electric Heater

It is a function to amplify the heating capacity by running an electric heater in the heating mode. This function can be set only in the heating mode.



Press [SUB FUNC] button repeatedly until ≋ icon displays.

Turn on/off electric heater by pressing [OK CLEAR] button.

❊ The ≋ icon will be displayed in case of setting option and disappear in reverse case.

Press [ESC] button after setup.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❊ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

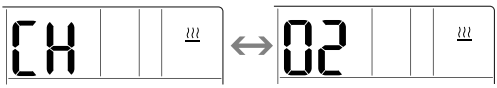
- Heater function is additional function and it only operates in selected models.
- The indoor unit product with Auxiliary Heater function set automatically displays (0) icon during the AUXILIARY HEATING OPERATION.

When using non-heat recovery out door unit , emergency heater can be turned on for simultaneous heating and cooling. Indoor unit with the emergency heater must be turned OFF for simultaneous cooling and heating

Emergency heater can be turned on while in error code in case of emergency. Electric heater icon is displayed on LCD display window with error code when emergency heater is on while in error

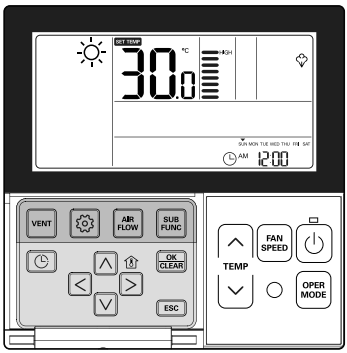
❊ Exception case: Error code 1,3,9,10

❊ If the previous mode of the Indoor unit is COOL, DRY or FAN ONLY mode, heater must be turned on manually.



Sub Function – Humidifier

It is a function to run the built-in humidifier when the air in the room is dry.



Press SUB FUNC button repeatedly until Humidifier icon displays.

Turn on/off Humidifier by pressing OK CLEAR button.

❉ The icon will be displayed in case of setting option and disappear in reverse case.

Press ESC button after setup.

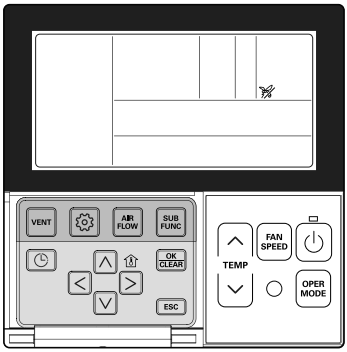
❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If the OK CLEAR button is not selected before you exit, the changes will not apply.

• Some products may not include humidifying function.

Sub Function – Mosquito Away

Only products with mosquito away function can use this.



Press SUB FUNC button repeatedly until mosquito away icon displays.

Turn on/off mosquito away function by pressing OK CLEAR button.

❉ The icon will be displayed in case of setting option and disappear in reverse case.

Press ESC button after setup.

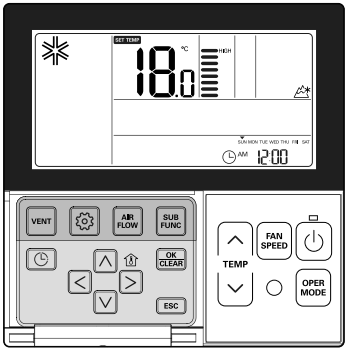
❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If the OK CLEAR button is not selected before you exit, the changes will not apply.

• Some products may not include mosquito away function.

Sub Function – Himalaya Cooling

Only products with Himalaya Cooling function can use this.



Press [SUB FUNC] button repeatedly until Himalaya cooling icon displays.

Turn on/off Himalaya cooling function by pressing [OK CLEAR] button.

❉ The icon will be displayed in case of setting option and disappear in reverse case.

Press [ESC] button after setup.

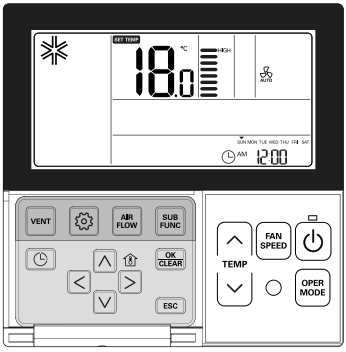
❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

• Some products may not include Himalaya cooling function.

Sub Function – Fan Auto

It is the function that operates the fan when the outdoor unit is running. Only indoor units with fan auto function can use this.



Press [SUB FUNC] button repeatedly until fan auto AUTO icon displays.

Turn on/off fan auto by pressing [OK CLEAR] button.

❉ The AUTO icon will be displayed in case of setting option and disappear in reverse case.

Press [ESC] button after setup.

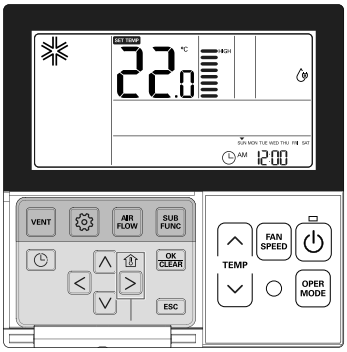
❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

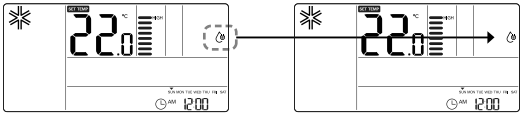
• Some products may not include this function.

Sub Function – Setting method for Comfort cooling

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



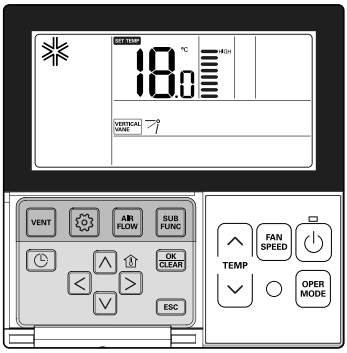
Press the Additional operation button until the icon of Comfort cooling is displayed.
Comfort cooling icon is blinking on the display screen, and if [OK CLEAR] button is pressed at this time, Comfort cooling icon is fixed and the function is set.



Press the [ESC] button to exit the setting mode.

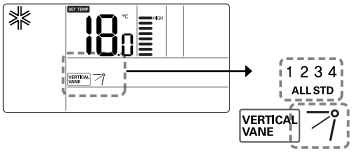
Function setting – Vane Angle Control

You can adjust the angles of air flow.



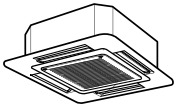
Press ⚙ button.

Press ⚙ button repeatedly to select the Vane Angles Setting in the menu.



(Vane Number)

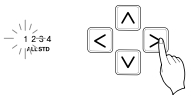
(Vane angle set point)



Select the Vane number using ◁ ▷ button.

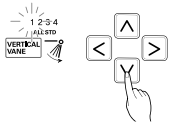
❊ Vane Number: No.1, No.2, No.3, No.4, ALL, Standard.

- The selected vane activates. Verify the active vane.
- Select 'All' to program the angle of all the vanes.
- Select 'Standard' to program as the factory default settings.



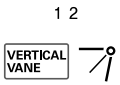
Select the vane angle using △ ▽ button, and press OK CLEAR button.

- The range of vane angles setting can be changed to 5 levels or 6 levels according to the product.
- When selecting 'Standard' for Vane number, the vane angle does not move.



Program the vane angles for the remaining vanes as the same as above.

❊ Some products include only No.1 and No.2 vanes.



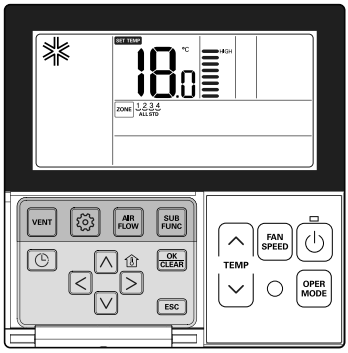
Press ESC button to exit after setup.

❊ If no button is selected for about 60 seconds after setup, it exits the setup mode automatically.

❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

Function setting – Zone Control

You can turn on/off the zones by used of it.

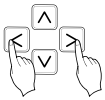


Press ⚙ button repeatedly until ZONE icon flash.



Press ◁ ▷ button to select the zone that which one you want to turn on/off.

ZONE 1 2 3 4 ALL STD



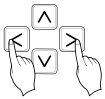
Press OK CLEAR button to turn on/off zone.

ZONE 1 2 3 4 ALL STD



Press ◁ ▷ button to select other zones if you want.
Then, Press OK CLEAR button to turn on/off that zone as mentioned above.

ZONE 1 2 3 4 ALL STD



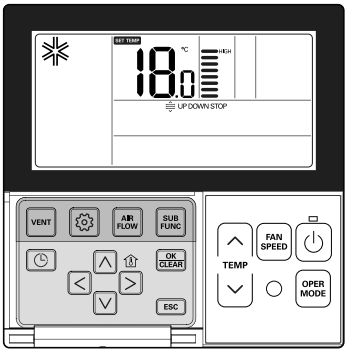
Press ESC button to exit or system will automatically release without any input after 60 seconds.

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



Function setting – Elevation Grill

This function is to run the elevation grill to clean the filter of indoor unit.



Press [⚙] button repeatedly until ≡ icon is blinking.

Move to DOWN using [<] [>] button, and press [OK CLEAR] button. DOWN icon displays and the elevation grill will descend.



When the elevation grill descends to the desired point, move to 'Stop' icon using [<] [>] button and press [OK CLEAR] button to stop the elevation grill.



When filter cleaning is finished, fix the filter to the gill, and move to UP icon using [<] [>] button. And press [OK CLEAR] button to ascent the elevation grill.



Press [ESC] button to exit after setup.

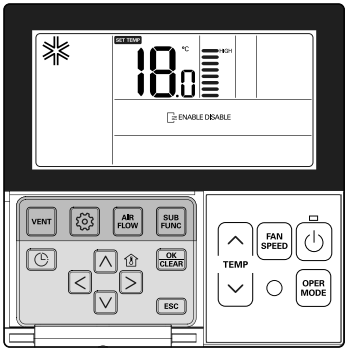
✻ If no button is selected for about 60 seconds after setup, it exits the elevation grill mode automatically.

✻ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

• The elevation grill function is available only in the indoor unit with a built-in elevation grill.

Function setting – Auto Cleaning

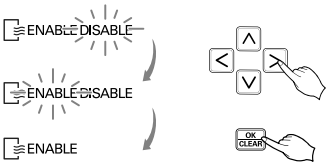
Auto cleaning is a function to remove moisture or mold after turning off the cooling system by drying the inside of indoor unit.



Press [⚙] button repeatedly to select Auto cleaning in the menu.

[⚙] icon will display and the current status of ENABLE or DISABLE icon will blink.

Move to ENABLE using [<] [>] button, and then ENABLE icon will blink. Press [OK CLEAR] button to set the auto cleaning function.



When returning to DISABLE, press [<] [>] button to select DISABLE icon. And then press [OK CLEAR] button cancel the auto cleaning function.

Press [ESC] to exit after setup.

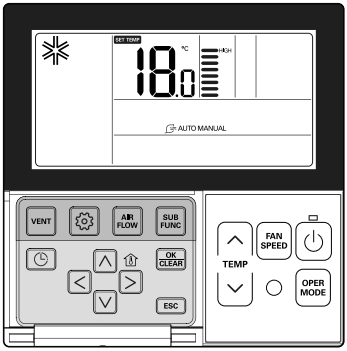
❊ If no button is selected for about 60 seconds after setup, it exits the setup mode automatically.

❊ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

• Some products may not include auto-drying function.

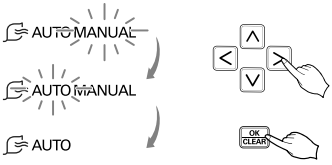
Function setting – Automatic Setting for Robot Cleaning

Robot Cleaning is a function that a built-in cleaner performs a filter cleaning automatically when air-conditioner runs for the scheduled hours.
It programs the robot cleaning function runs manually or automatically.



Press [⚙] button repeatedly until [≋] icon is blinking.

Move to AUTO icon using [<] [>] button, and press [OK CLEAR] button to select the automatic robot cleaning function.



When returning to the manual robot cleaning, press [<] [>] button to move to MANUAL icon and press [OK CLEAR] button to select the manual robot cleaning function.

Press [ESC] button to exit after setup.

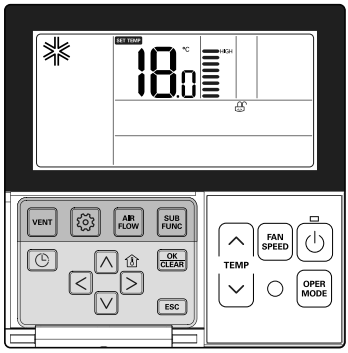
❇ If no button is selected for about 60 seconds after setup, it exits the setup mode automatically.

❇ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

• Some products may not include robot cleaning function.

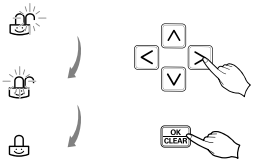
Function setting – Child Lock

This function is to lock the buttons to prevent children or others from careless using.



Press [⚙] button repeatedly until 🔒 icon is blinking.

Move to 🔒 icon using [<] [>] button.
The 🔒 icon will blink, and press [OK CLEAR] button to set the lock function.



To cancel the lock function, press [<] [>] button to move to 🔓 icon. And then press [OK CLEAR] button.

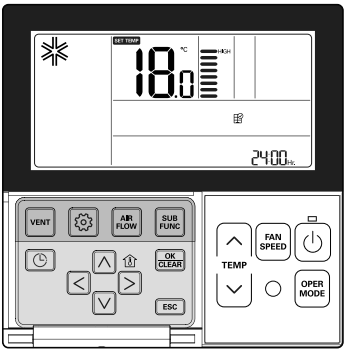
Press [ESC] button to exit after setup.

❊ If no button is selected for about 60 seconds after setup, it exits the setup mode automatically.

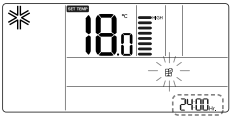
❊ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

Function setting – Filter Sign Clear

This function is to cancel the filter indicator for filter cleaning of indoor unit.



Press [⚙] button repeatedly until [▦] icon is blinking.



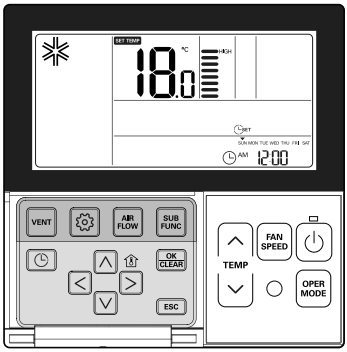
If the system includes a displaying function of the time remaining until next filter cleaning, it will display the remainng time in the current time section.

When the filter cleaning indicator blinks, press [OK CLEAR] button to cancel the filter cleaning sign.

- Dust in the filter may reduce cooling/heating efficiency and cause high electricity bill. Therefore, be sure to clean the filter whenever cleaning time is expired.

❊ Filter cleaning indicator is automatically cancelled without any separate cancellation after certain period of time.

Function setting – Changing Current Time



Press [⚙] button repeatedly to select the time setting in the menu.
'Time Setting' icon will display and day of the week will blink in the current time section.

Move to 'Day' using [<] [>] button.



Press [∨] button after setting the day to move to the 'AM/PM' setting mode.



Press [∧] [∨] button to set 'AM/PM'.



Move to 'Hour' section using [<] [>] button. 'Hour' section will blink.



Press [∧] [∨] button to set the current hour.



Move to 'Minute' section using [<] [>] button. 'Minute' section will blink.



Press [∧] [∨] button to set the current minute.



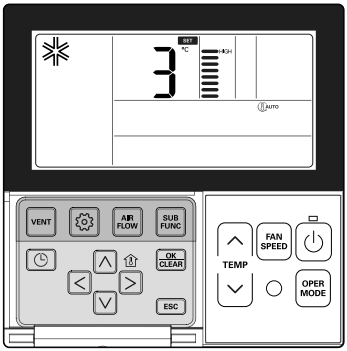
When the day/hour/minute setting is finished, press [OK CLEAR] button to complete the current time setting.

❇ If pressing other buttons during the current time setting, it will cancel all the changes made and exit the time setting mode.

❇ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

Function setting – Change Temperature

Change temperature is a function to automatically change the temperature between cooling/heating according to the temperature in the Auto operation mode.



Press [⚙] button repeatedly to select the change temperature function in the menu.

AUTO icon will display and the changed temperature will blink in the temperature display section.

Press [∧] [∨] button to change the temperature set value.

❇ Range of change temperature: programmable within 1~7

When the desired temperature is displayed, press [OK CLEAR] button to complete the setting.

Press [ESC] button to exit after setup.

❇ If no button is selected for about 1 minute after setup, it exits the setup mode automatically.

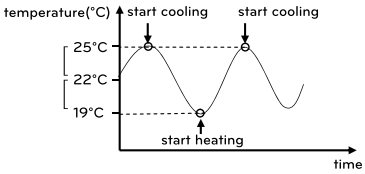
❇ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

❇ This function is available only for cooling/heating system.

Example of Change Temp

Conditions

1) Mode: Auto operation
2) Desired temperature: 22°C
3) Change temperature: 3°C



If it falls under the conditions described above, it will run as shown in the graph.

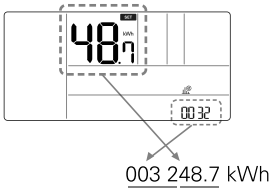
Function setting – Power Consumption



Press ⚙ button repeatedly to select the power consumption in the menu.
icon will display and the accumulated power consumption will display in the temperature and the current time display section.

Press ESC to exit.
If no button is selected for about 1 minute after setup, it exits the setup mode automatically.

Ex) when the accumulated power consumption is 3248.7 kWh



- Some product may not include the power consumption display function
- This function is available only when PDI is installed.

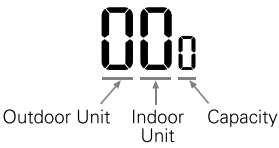
Function setting – Indoor/Outdoor Unit Model Information



Press ⚙ button repeatedly to select the Indoor/outdoor unit model information in the menu.
ⓘ icon will display and the Indoor/outdoor unit model information will display in the temperature display section.

Press ESC to exit.
If no button is selected for about 1 minute after setup, it exits the setup mode automatically.

Ex) Model Information



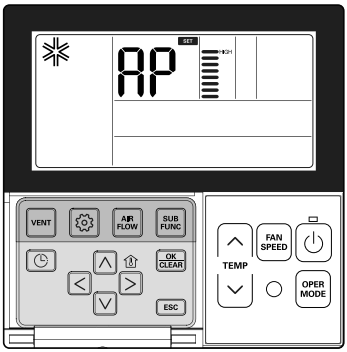
• Some product may not include the indoor/outdoor unit model information function.

<Indoor/Outdoor Unit Model Information Table>

<table>
<tr><th>Category</th><th>Display Values</th></tr>
<tr><td>Outdoor Unit</td><td>
<table>
<tr><td>No.</td><td>Model</td><td>No.</td><td>Model</td><td>No.</td><td>Model</td><td>No.</td><td>Model</td></tr>
<tr><td>0</td><td>Multi-V</td><td>1</td><td>Multi</td><td>2</td><td>Single</td><td>3</td><td>Multi-V</td></tr>
</table>
</td></tr>
<tr><td>Indoor Unit</td><td>
<table>
<tr><td>No.</td><td>Model</td><td>No.</td><td>Model</td><td>No.</td><td>Model</td></tr>
<tr><td>0</td><td>CST</td><td>5</td><td>Direct Expansion Ventilation</td><td>A</td><td>Hydrokit for medium temperature</td></tr>
<tr><td>1</td><td>Duct</td><td>6</td><td>Console</td><td>B</td><td>Hydrokit for high temperature</td></tr>
<tr><td>2</td><td>CVT</td><td>7</td><td>Single Package</td><td>C</td><td>Showcase</td></tr>
<tr><td>3</td><td>PAC</td><td>8</td><td>General Ventilation</td><td>D</td><td>VAHU</td></tr>
<tr><td>4</td><td>RAC</td><td>9</td><td>AWHP</td><td>E</td><td>FAU</td></tr>
</table>
</td></tr>
<tr><td>Capacity</td><td>
<table>
<tr><td></td><td>No.</td><td>Capacity</td><td>No.</td><td>Capacity</td><td>No.</td><td>Capacity</td><td>No.</td><td>Capacity</td></tr>
<tr><td rowspan="4">Multi-V</td><td>0</td><td>5k</td><td>4</td><td>15k</td><td>8</td><td>36k</td><td>C</td><td>76k</td></tr>
<tr><td>1</td><td>7k</td><td>5</td><td>18k</td><td>9</td><td>42k</td><td>D</td><td>96k</td></tr>
<tr><td>2</td><td>9k</td><td>6</td><td>24k</td><td>A</td><td>48k</td><td>E</td><td>-</td></tr>
<tr><td>3</td><td>12k</td><td>7</td><td>28k</td><td>B</td><td>54k</td><td>F</td><td>-</td></tr>
<tr><td rowspan="4">Multi</td><td>0</td><td>5k</td><td>4</td><td>12k</td><td>8</td><td>20k</td><td>C</td><td>-</td></tr>
<tr><td>1</td><td>7k</td><td>5</td><td>14k</td><td>9</td><td>24k</td><td>D</td><td>-</td></tr>
<tr><td>2</td><td>8k</td><td>6</td><td>15k</td><td>A</td><td>30k</td><td>E</td><td>-</td></tr>
<tr><td>3</td><td>9k</td><td>7</td><td>18k</td><td>B</td><td>36k</td><td>F</td><td>-</td></tr>
<tr><td rowspan="4">Single</td><td>0</td><td>9k</td><td>4</td><td>24k</td><td>9</td><td>54k</td><td>55k</td><td>-</td></tr>
<tr><td>1</td><td>12k</td><td>5</td><td>30k</td><td>A</td><td>60k</td><td>62k</td><td>-</td></tr>
<tr><td>2</td><td>18k</td><td>6</td><td>36k</td><td>B</td><td>70k</td><td>-</td><td>-</td></tr>
<tr><td>3</td><td>21k</td><td>7</td><td>42k</td><td>C</td><td>85k</td><td>-</td><td>-</td></tr>
<tr><td rowspan="4">Multi-V</td><td>0</td><td>21k</td><td>4</td><td>-</td><td>8</td><td>-</td><td>C</td><td>-</td></tr>
<tr><td>1</td><td>30k</td><td>5</td><td>-</td><td>9</td><td>-</td><td>D</td><td>-</td></tr>
<tr><td>2</td><td>60k</td><td>6</td><td>-</td><td>A</td><td>-</td><td>E</td><td>-</td></tr>
<tr><td>3</td><td>-</td><td>7</td><td>-</td><td>B</td><td>-</td><td>F</td><td>-</td></tr>
</table>
</td></tr>
<tr><td>Data unavailable (common)</td><td>-</td></tr>
</table>

Function Setting – WLAN(Wireless LAN) Module Access Point mode

It is the function to operate WLAN (Wireless LAN) module connected to the product in access point mode. This function is available for particular models to apply WLAN Module.
Refer to the installation manual of product whether available or not.



Push the button repeatedly until the term of 'AP' is displayed on the screen.

Press the OK CLEAR button.

❇ After setup, it automatically gets out of setup mode.

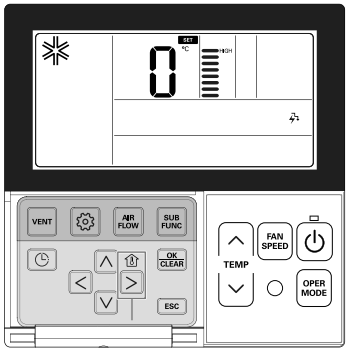
While WLAN module is operating in access point mode, the term of 'AP' blinks on the screen of wired remote controller.

- It will take approx. five (5) seconds before WLAN module operates in access point mode.
- In the case WLAN module is not installed, the access point mode does not work.

Function setting – Smart Load Control

Smart Load Control is the function to operate by calculating the necessary efficiency from the indoor and outdoor air temperature and humidity.

The corresponding function setting is available when connecting the products designated as outdoor unit Function setting master.



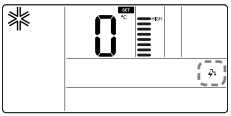
Press the ⚙ button.

If ⚙ button is pressed repeatedly, it is moved to Smart Load Control stage setting menu.

At this time, Smart Load Control icon is displayed and the setting value on the temperature display area is flickering.

Press ∧ ∨ button and select Smart Load Control stage setting value.

✻ Smart Load Control stage can be set from 0 to 4, and it controls the strength of the cooling or heating function at the initial stage of operation.



0 : Function not used
1 : Smooth mode
2 : Normal mode
3 : Peak mode
4 : Load Matching Control mode

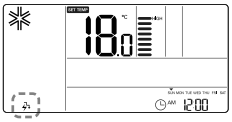
If desired Smart Load Control stage value is displayed, press OK CLEAR button to complete setting.

If setting is completed, press ESC button.

✻ If there would be no button input for about 1 minute after setting, it exits from the setting mode automatically.

✻ If it is exited without pressing setting button, the handled value is not reflected.

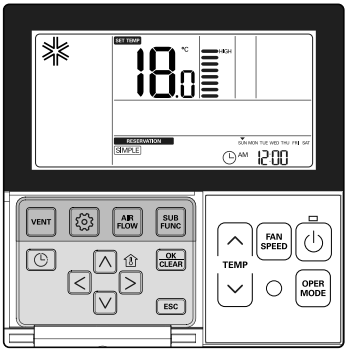
When Smart Load Control is operated, Smart Load Control operation status is displayed as below.



Smart Load Control function may not work on some products.
Step 4 settings may not be available on some indoor unit products.

Programming – Simple Reservation

Simple reservation function can be scheduled to stop while the system is in operation or to run while the system is not in operation.



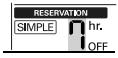
Press [⏲] button to enter the programming mode.

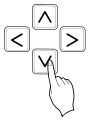
Press [⏲] button repeatedly to select 'SIMPLE.'
[SIMPLE] icon will blink and the scheduled time '0' will display.



Press [∧] [∨] button to program the scheduled time.
The scheduled time can be programmed from 1 hour up to 7 hours.







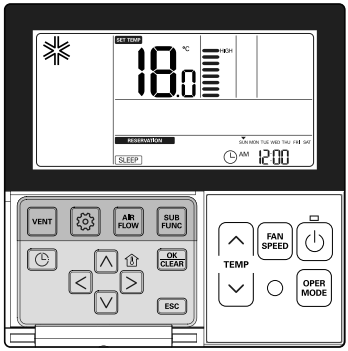
Press [OK CLEAR] button when the simple programming is finished.
- When the schedule setting is completed, [SIMPLE] icon will display in the lower LCD screen.

Press [ESC] to exit.
❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.
❊ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

For the simple programming, if the scheduled time expires, the system will run or stop automatically.

Programming – Sleep Reservation

Sleep Reservation is a function that the air-conditioner runs in the sleep mode or stops after certain period of time while you are sleeping. When sleep mode is programmed after connecting to a ventilator, and in a certain period of time after sleep mode operation, only sleep mode will be cancelled.



Press [⏲] button to enter the programming mode.

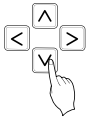
Press [⏲] button repeatedly to select 'SLEEP'. [SLEEP] icon will blink and the scheduled time will display.



Press [∧] [∨] button to program the scheduled time.
The scheduled time can be programmed from 1 hour up to 7 hours.







Press [OK CLEAR] button when the SLEEP programming is completed.

Press [ESC] to exit.

❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

- When the Sleep schedule is cancelled, [SLEEP] icon will disappear.

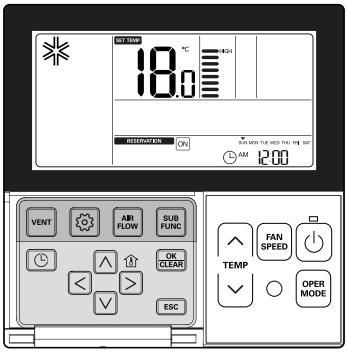
NOTE

Set the moderate amount of time for SLEEP mode. (Excessive cooling is harmful for your health.)

- The desired temperature in the remote controller and the unit may not be identical because the SLEEP mode runs automatically adjusting the desired temperature for a pleasant cooling.
- Some product without a temperature control by 0.5°C operates OFF reservation instead of SLEEP reservation.

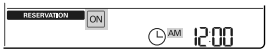
Programming – ON Reservation

It turns ON automatically at the time programmed.

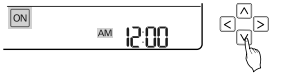


Press [⏲] button to enter the programming mode.

Press [⏲] button repeatedly to select 'ON'.
'ON' icon and 'AM' icon will blink.



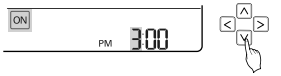
Set 'AM/PM' using [∧] [∨] button.



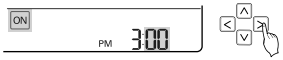
Move to 'Hour' using [<] [>] button,



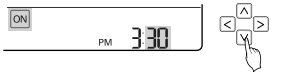
and set the 'Hour' using [∧] [∨] button.



Move to 'Minute' using [<] [>] button,



Set the 'Minute' using [∧] [∨] button.



Press [OK CLEAR] button when the ON reservation is completed.

Press [ESC] to exit.

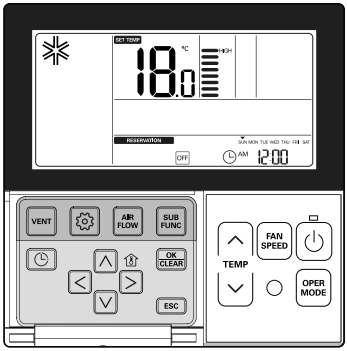
❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❇ If the [OK CLEAR] button is not selected before you exit, the changes will not apply.

- When the schedule setting is completed, [ON] icon will display in the lower LCD screen, and the system will run at the time programmed.
- When the ON schedule is cancelled, [ON] icon will disappear.

Programming – OFF Reservation

It turns OFF automatically at the time programmed.



Press ⏲ button to enter the programming mode.

Press ⏲ button repeatedly to select 'OFF'.
'OFF' icon and 'AM' icon will blink.



❊ You can program the 'AM/PM', 'Hour' and 'Minute as the same way as the ON reservation.

Press OK CLEAR button when the OFF reservation is completed.

Press ESC to exit.

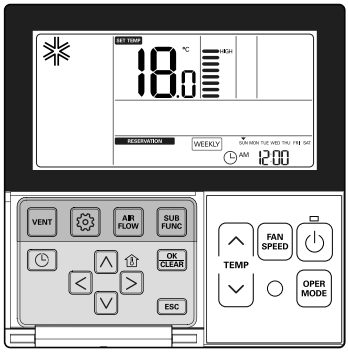
❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

- When the schedule setting is completed, OFF icon will display in the lower LCD screen, and the system will stop at the time programmed.
- When the schedule is cancelled, OFF icon will disappear.

Programming – Weekly Reservation

You can program daily schedule by week.
Weekly reservation keeps operating until before you cancel it once you setup.



Press [clock] button to enter the programming mode.

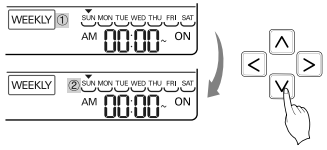
✻ Weekly reservation can be programmed 2 schedules for one day, and up to 14 reservations for a week.
Ex) To program [② Tuesday AM 11:30 ON~PM 12:30 OFF], follow the instructions as below.

Press [clock] button repeatedly to select 'WEEKLY'.
[WEEKLY] will blink.

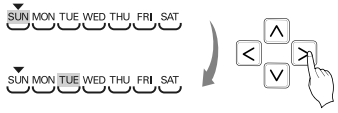


Select 1 or 2 using [∧] [∨] button.

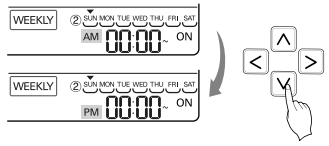
✻ You can program 2 schedules per day such as WEEKLY 1, WEEKLY 2.



Move to 'Day' using [<] [>] button.
When the 'Day' is blinking, set the day.
Day setting is available for Monday through Sunday.



Move to 'AM/PM' using [∨] button, and select AM/PM.

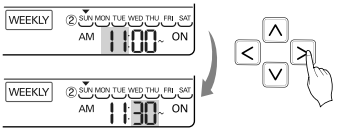


Move to 'Hour' section in the ON setting using [>] button.
- This section is to program when the air-conditioner will turn ON.

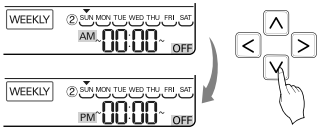


Change the time using ∧ ∨ button.
- You can program the 'Hour' from 1 hour up to 12 hours.

Move to 'Minute' section in the ON setting using > button. When the 'Minute' button is blinking, press Up/Down button to set the 'Minute'.

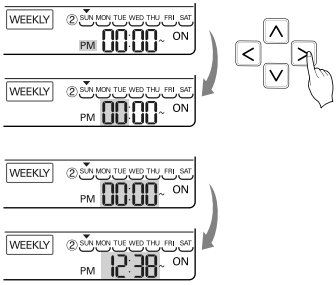


Move to 'AM/PM' section in the OFF setting using > button.
- AM/PM setting is the same as the ON time setting.



Move to 'Hour' section in the OFF setting using > button.
- This section is to program when system will turn OFF.
- When the 'Hour' button is blinking, set the 'Hour'.

✻ Program the 'Hour' and 'Minute' as the same way as the ON time setting.



Press OK/CLEAR button Weekly Reservation programming is completed.

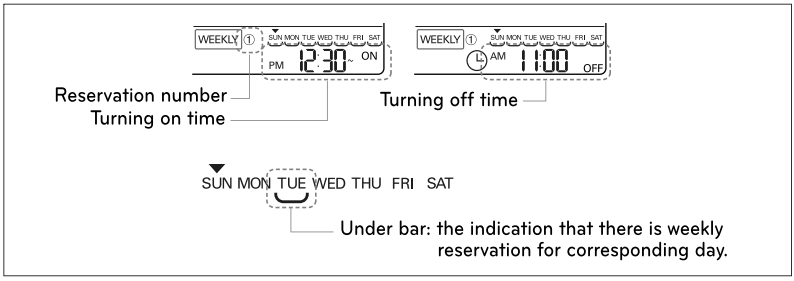
Set the OFF time later than the ON time when programming the time for Weekly Reservation

✻ If programming the temperature using the Up/Down button for the desired temperature during the weekly reservation, the system will be ON at the desired temperature.
- When desired temperature is not programmed, it is turned on automatically with desired temperature of previous operation.

✻ To cancel all the Weekly Reservation programmed,
- Press Set/Cancel button when the WEEKLY icon is blinking.

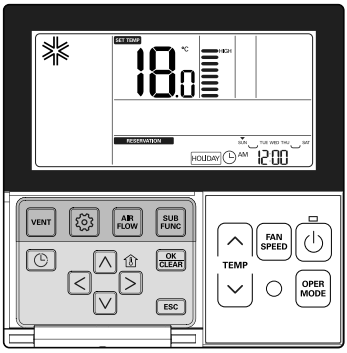
✻ To cancel the weekly reservation individually,
- Select the day you want to cancel and set the ON time and OFF time identically, and press Set/Cancel button.

< Weekly Reservation Description>



Programming – Holiday Reservation

The system will stop automatically on a set day.



Press [clock] button to enter the Schedule Programming mode.

Press [clock] button repeatedly to select 'HOLIDAY'.



Move to the 'Day' you want to set using [<] [>] button.



Set or cancel HOLIDAY using [^] [v] button or [OK CLEAR] button.

Ex) If Monday/Friday is programmed as HOLIDAY, 'MON', 'FRI' will disappear.



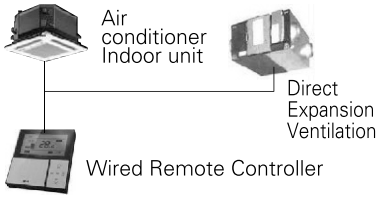
Press [ESC] button to exit.

- Once set as HOLIDAYS, the system will stop automatically within 1 hour even after operating the air-conditioner unless the HOLIDAYS schedule is cancelled.

Ventilation Product User Manual – Interlinked Air conditioner and Ventilation

You can control the system by using a wired remote controller for an air conditioner indoor unit interlocked with a ventilator.

- When applying power, the remote controller will work after recognizing the system (for about 30 seconds).

	Single Operation	Interlinked Operation
General Ventilation	(General Ventilation Single Operation) 	(General Ventilation Interlinked Operation) 
Direct Expansion Ventilation	(Direct Expansion Ventilation Single Operation) 	(Direct Expansion Ventilation Interlinked Operation) 

❊ Connecting method is identical with the one in air conditioner instructions manual. (See the Group control page in the Remote controller manual.)

Press VENT button on the wired remote controller to enter the ventilation control mode in order to verify the ventilator's operation.

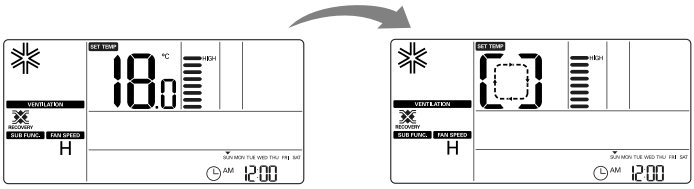


Fig 2-1. Air conditioner mode

Fig 2-2. Vent mode

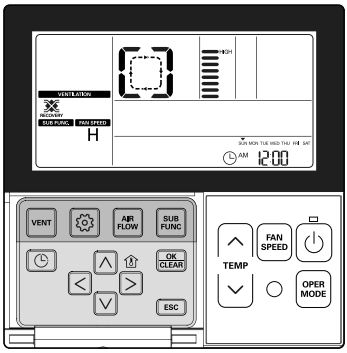
In order to return to the air conditioner mode, press 'Vent' button in the ventilation mode.

- If no button is selected for more than 15 seconds in the ventilation mode, the system will automatically convert to air conditioner mode.

❊ The ventilators include general ventilators and direct expansion ventilators.

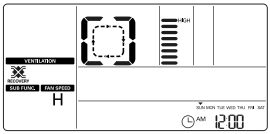
Ventilation Product User Manual – Interlinked Operation with General Ventilation

It can be used only when the air conditioner and the ventilator are interlocked. This function is to cool off the air in the room using a ventilator while air conditioner function is operating.



Press [VENT] button on the remote controller.

- It can be used only when the air conditioner and the general ventilator are interlocked.



Press [⏻] button in the Vent mode to run the ventilator.

Press [OPER MODE] button in the Vent mode to change the ventilation operation mode.

- Each time you press the button the mode will change in the order of Heat exchange → normal → auto.

❇ It only displays on the remote controller display when it is in ventilation mode, and it displays the desired temperature when it returns to air condition mode.

Press [FAN SPEED] button in the Vent mode to change the fan speed.

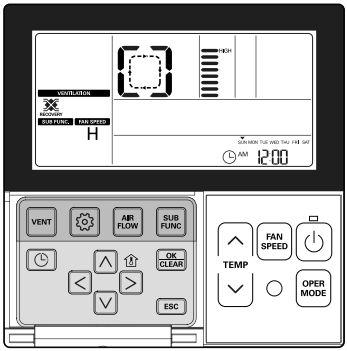
- Each time you press the button the fan speed is selected in the order of low → high → power.
- If a CO_2 sensor is installed, you can select the fan speed in the order of low → high → power → auto.

How to convert to air conditioner mode

1) Auto conversion: if no button is selected for more than 15 seconds in the vent mode, the system will convert to air conditioner mode automatically.
2) Manual conversion: press the [VENT] button in the vent mode to convert manually.

Ventilation Product User Manual – Single Operation with General Ventilation

This function is to circulate the air in the room using a general ventilator.



Press ⏻ button on the remote controller.

Press OPER MODE button to convert the ventilation mode.

Vent mode	Remote controller display window	Description
Heat exchange	[ ]	The fresh air entering the room is heated or cooled by the air leaving the room. This mode is used when pre-heating or pre-cooling improves comfort and reduces energy consumption.
Normal	[ ]	The fresh air by-passes the heat exchanger and enters the room at outdoor temperature.
Auto	AU	The system selects Heat exchange or Normal automatically after comparing indoor and outdoor temperatures.

In the case of heat exchange mode is shown below.

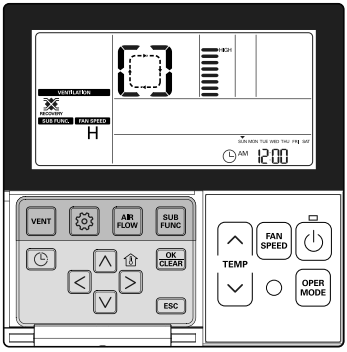
[→ [¯ → ⌜ ⌝ → ¯ ⌝ →] → _ ⌋ → ⌞ ⌟ → .....

Press FAN SPEED button in the Vent mode to change the fan speed.

- Each time you press the button the fan speed is selected in the order of low → high → power.
- If a CO_2 sensor is installed, you can select the fan speed in the order of low → high → power → auto.

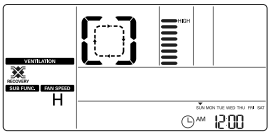
Ventilation Product User Manual – Interlinked Operation with Direct Expansion Ventilation

It can be used only when the air conditioner and the direct expansion ventilator are interlocked.



Press VENT button on the remote controller.

It can be used only when the air conditioner and the ventilator are interlocked.



Press button in the Vent mode to run the ventilator.

Press OPER MODE button in the Vent mode to change the vent mode.

- Each time you press the button the mode will change in the order of Heat exchange → normal → auto.

❇ It only displays on the remote controller display when it is in ventilation mode, and it displays the desired temperature when it returns to air condition mode.

Press FAN SPEED button in the Vent mode to change the fan speed.

- Each time you press the button the fan speed is selected in the order of low → high → power.

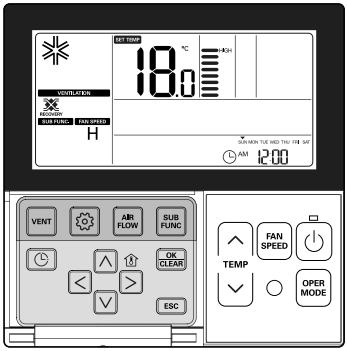
How to convert to air conditioner mode

1) Auto conversion: if no button is selected for more than 15 seconds in the vent mode, the system will convert to air conditioner mode automatically.

2) Manual conversion: press the VENT button in the vent mode to convert manually.

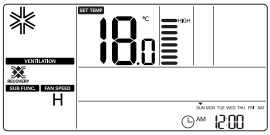
Ventilation Product User Manual – Single Operation with Direct Expansion Ventilation

This function performs ventilation operation with cooling or heating at the same time using the heat exchanger inside the direct expansion type ventilation product.



Press ⏻ button on the remote controller.

- The direct expansion ventilator individual operation will be displayed as shown in the figure.



Press OPER MODE button in the Vent mode to change the ventilation mode.

- Each time you press the button the mode will change in the order of Heat exchange → normal → auto.

Vent mode	Remote controller display window	Description
Heat exchange	[ ]	Circulating the air in the room without any heat loss
Normal	[ ]	Circulating the air in the room without using an electric heating exchanger
Auto	AU	Circulating the air in the room by comparing the indoor/outdoor temperatures automatically

In the case of heat exchange mode is shown below.

[→ [¯ → ⌜ ⌝ → ¯ ⌝ → ⌋ → _ ⌋ → ⌊ ⌋ → .....

❊ The indicator of 88Seg is displayed when only the direct expansion ventilation is operating with air conditioner OFF.

Press OPER MODE button to convert the operation mode.

- Each time you press the button the mode will change in the order of cooling → heating → auto → stop.

Press FAN SPEED button to change the fan speed.

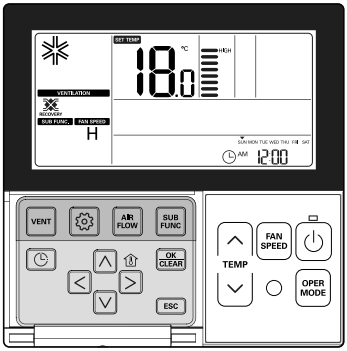
- Each time you press the button the fan speed is selected in the order of low → high → power.

❊ In the Direct expansion ventilator individual operation, it is possible to select cooling or heating and to adjust the desired temperature as well.

❊ See the Standard Operation – Temperature Setting for more information about the desired temperature adjustment.

Ventilation Product Additional Operations – Fast/Energy Saving

This function is to facilitate the ventilation function more efficiently by setting quick/energy-saving mode in the additional functions of ventilator.



Fast

It ventilates quickly.

Press SUB FUNC button in the Vent mode.

- The additional vent mode converts Fast → Energy-saving sequentially.

Press OK CLEAR button when the FAST icon blinks on the display screen.



Press ESC button to exit.

Energy Saving

It performs Energy-saving function while ventilating efficiently.

Press SUB FUNC in the Vent mode.

The additional vent mode converts Fast → Energy-saving sequentially.

Press OK CLEAR button when the Energy-saving icon blinks on the display screen.



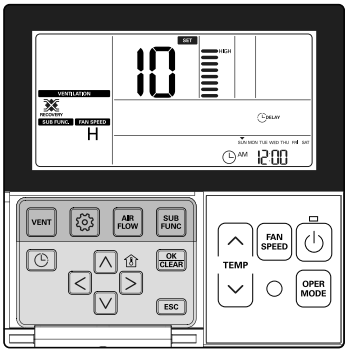
Press ESC button to exit.

❊ The additional mode of general ventilation and direct expansion ventilation is identical.

❊ The additional mode settings for air cleaner/heater/humidifier are as the same as the air conditioner.

Ventilation Product Function Settings

Ventilation starts after delay time.



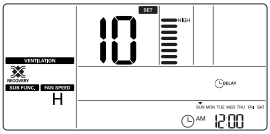
Delay time

Ventilation starts after delay time.

Press ⚙ button.

Press ⚙ button repeatedly to move to the dealy time in the menu.

The DELAY icon displays and blinks in the temperature display section.



Change the set value for delay time using ∧ ∨ button.

❊ The range of delay time settings : 00 ~ 60 (By 1 minute)

Press OK CLEAR button to complete the settings when the desired value for delay time displays.

Press ESC button to exit.

❊ If no button is selected for about 1 minute after setup, the system will exit automatically.

❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

Lock, Filter Cleaning, Time Setting, Converting Temperature

❊ Refer to 'Function Settings - Child Lock' part for lock function.

❊ Refer to 'Function Settings - Filter Sign Clear' part for Filter Cleaning function.

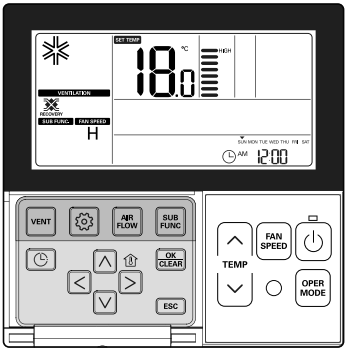
❊ Refer to 'Function Settings - Changing Current Time' part for Time Setting function.

❊ Refer to 'Function Settings - Change Temperature' part for Temperature Conversion function.

Ventilation Product Reservation Settings

Sleep Reservation

You can program a ventilator to run moderately while you are sleeping



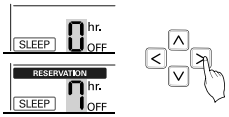
Press [clock] button to enter the schedule programming mode.

Press [clock] button repeatedly to move to SLEEP in the menu.
SLEEP icon will blink and the scheduled time will display.



Set the scheduled time using ∧ ∨ button.
You can program the scheduled time from 1hour up to 12 hours.

Press OK CLEAR button when the SLEEP schedule is programmed.



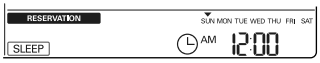
Press ESC button to exit

❊ If no button is selected for about 25 seconds after setup, the system will exit automatically.

❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

- Once the schedule is programmed, SLEEP icon will display in the lower part of LCD.

- SLEEP icon will disappear when the schedule is cancelled.

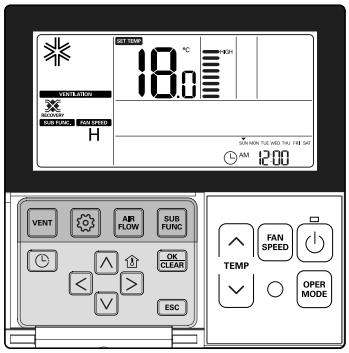


If the SLEEP schedule is programmed, the system will run moderately during the scheduled time.

Simple, ON, OFF, Weekdays, Holidays Reservations

❊ Please refer to the Reservation Settings part of the air conditioner for Simple, ON, OFF, Weekdays, Holidays Reservations

Ventilation Product Installer Setting Functions

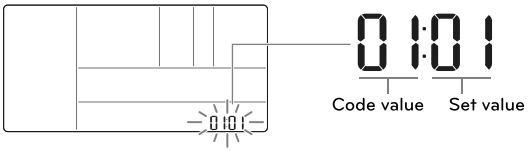


Press [VENT] button to enter the ventilation mode.

Press and hold [⚙] button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Once entered the installer settings mode, it displays the programmable data values in the lower right of LCD screen.



- Some items in the menu may not be displayed depending on the product functions, or have different name in the menu.

⚠ CAUTION

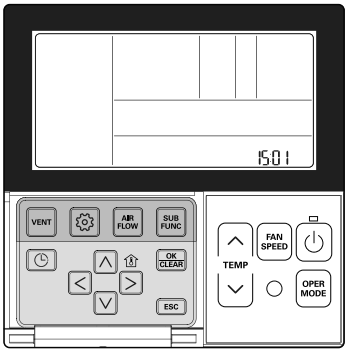
Installer setting is a mode to set the detailed functions of remote controller.

If the installer setting mode is set improperly, it may cause a break down, injury, or property damage.

It must be set by a certified technician, and when it is installed without certified technician or changed discretionally, all of the problems are the responsibilities of the installer, and we do not provide service free of charge.

Ventilation Product Installer Setting Functions – Ventilation Fan Speed

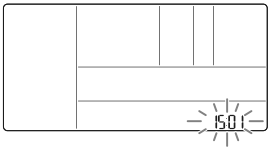
This function is to change the standard fan speed of ventilation.



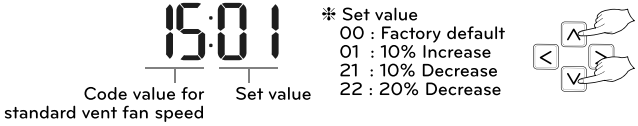
Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Press ⚙ button repeatedly to move to the fan speed settings in the menu as below.



Select the fan speed mode using ∧ ∨ button.



Press OK CLEAR button to complete the settings when the standard vent fan speed is selected.

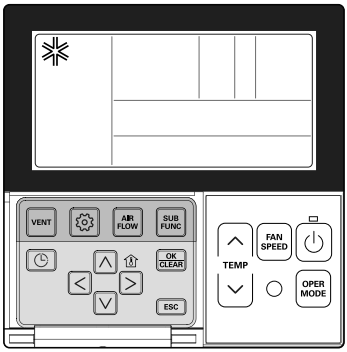
Press ESC button to exit.

❇ If no button is selected for about 25 seconds after setup, the system will exit automatically.

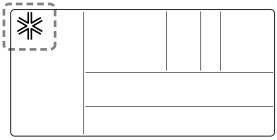
❇ If the OK CLEAR button is not selected before you exit, the changes will not apply.

Different Mode Drive

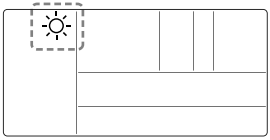
Different mode drive appears when the Indoor Unit have different operating modes if several Indoor Unit are installed for a single outdoor unit.
Different mode drive doesn't appear in the cooling only models.



If an indoor unit is forced to run heating while several Indoor Unit are in a cooling operation with a single outdoor unit, the system will not run heating.

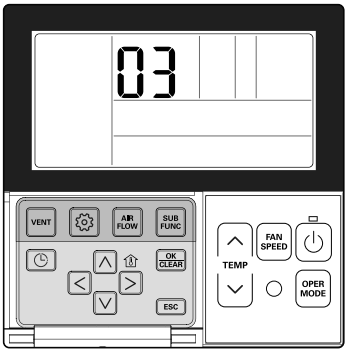


If an indoor unit is forced to run cooling or dehumidifying while several Indoor Unit are in a heating operation with a single outdoor unit, the system will not run cooling or dehumidifying.
It indicates the outdoor is in a heating operation.



Press ⏻ button and the indoor unit will automatically run in the same operating mode as the other Indoor Unit after about 5 seconds.

Self-diagnosis for Trouble Mode



It automatically runs a self-diagnosis when there is a trouble detected in the system.

It displays the troble mode number with maintenance CODE.

<Individual control>

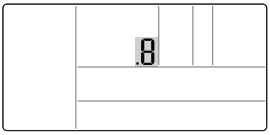




<Group control>

❊ When detecting an error during group control, the system will display as below.

<In case of CH05 ERROR, 4 letters C,H,0,5 will display one by one.>



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.

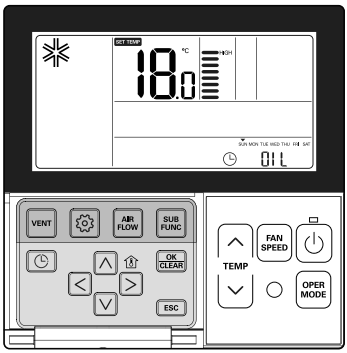
Outage Compensation Function

If power supply fails due to outage or other reasons, the outage compensation function automatically retrieves the operating conditions previously programmed before the power failure. Thus, you don't need to press any buttons.

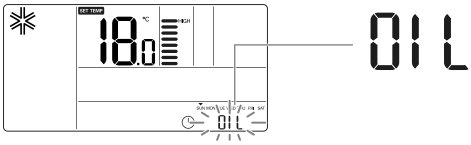
(Additional functions will not be retrieved automatically.)

Oil Change Warning

Only products with GHP(Gas Heat Pump) Product can use this.



Once the operation hours of the outdoor unit passes 10,000hours, the oil change-Indicator alarm occurs. When the alarm occurs, refer to the cover immediately to contact a service center in order to change the oil.

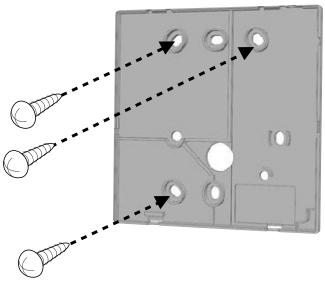


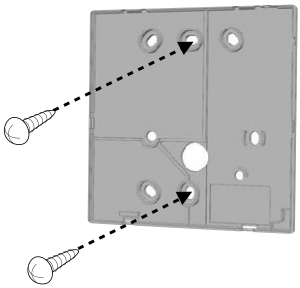
- When the oil is not changed, an error will occur to make the product impossible to run.

INSTALLATION INSTRUCTION

Please fix tightly using provided screw after placing remote controller setup board on the place where you like to setup.

- Please set it up not to bend because poor setup could take place if setup board bends. Please set up remote controller board fit to the reclamation box if there is a reclamation box.
- Install the product so as not to make a gap with the wall side and to prevent shaking after the installation.



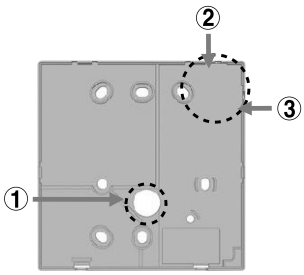


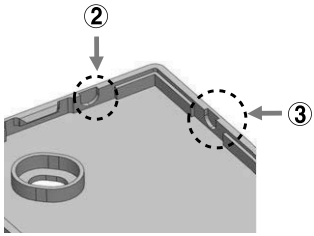
Can set up Wired remote controller cable into three directions.

- Setup direction: the surface of wall reclamation, upper, right
- If setting up remote controller cable into upper and right side, please set up after removing remote controller cable guide groove.

❇ Remove guide groove with long nose.

① Reclamation to the surface of the wall
② Upper part guide groove
③ Right part guide groove



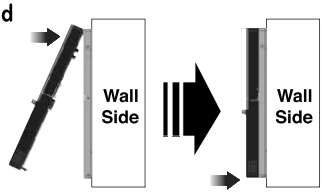


<Wire guide grooves>

Please fix remote controller upper part into the setup board attached to the surface of the wall, as the picture below, and then, connect with setup board by pressing lower part.

- Please connect not to make a gap at the remote controller and setup board's upper and lower, right and left part.
- Before assembly with the installation board, arrange the Cable not to interfere with circuit parts.

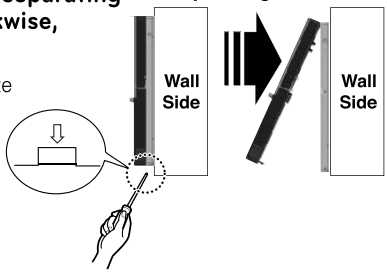
<Connecting order>



When separating remote controller from setup board, as the picture below, after inserting into the lower separating hole using screw driver and then, spinning clockwise, remote controller is separated.

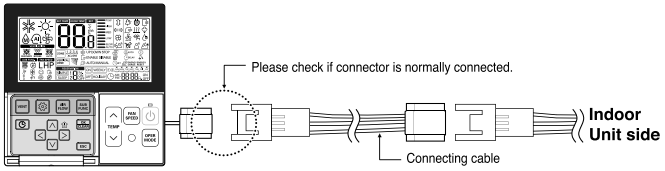
- There are two separating holes. Please individually separate one at a time.
- Please be careful not to damage the inside components when separating.

<Separating order>



Please connect indoor unit and remote controller using connection cable.

DC 12 V	Red
Signal	Yellow
GND	Black



CAUTION

- Installation work must be performed in accordance with the national wiring standards by authorized personnel only.
- Installations must comply with the applicable local/national or international standards.
- Apply totally enclosed noncombustible conduit (metal raceway) in case of local electric & building code require plenum cable usage.

Please use extension cable if the distance between wired remote controller and indoor unit is more than 10m.

CAUTION

When installing the wired remote controller, do not bury it in the wall. (It can cause damage in the temperature sensor.)

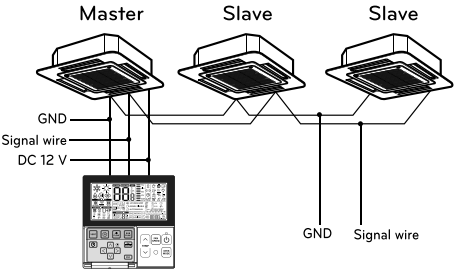
The total cable length must not exceed 50m. (It can cause communication error.)

- When installing the extension cable, check the connecting direction of the connector of the remote controller side and the product side for correct installation.
- If you install the extension cable in the opposite direction, the connector will not be connected.
- Specification of extension cable: AWG 24, 3 conductor or above

Group Control

When installing more than 2 units of air conditioner to one wired remote controller, please connect as the right figure.

- If it is not event communication indoor unit, set the unit as slave.
- Check for event communication through the product manual.



When controlling multiple indoor units with event communication function with one remote controller, you must change the master/slave setting from the indoor unit.

- After completion of master/slave setting of indoor unit and turn off the unit, 1 minute later turn it on again.
- For ceiling type cassette and duct product group, change the switch setting of the indoor PCB.



#3 switch OFF: Master
(Factory default setting)



#3 switch ON: Slave

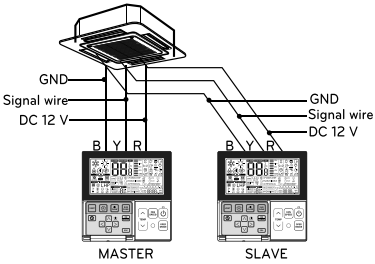
- For wall-mount type and stand type product, change the master/slave setting with the wireless remote controller. (Refer to wireless remote controller manual for detail)

❊ When installing 2 remote controllers to one indoor unit with event communication function, set the master/slave of the remote controller. (Refer to remote controller master/slave selection)

When controlling the group, some functions excluding basic operation setting, fan level Min/Mid/Max, remote controller lock setting and time setting may be limited.

When installing more than 2 wired remote controllers to one air conditioner, please connect as the right picture.

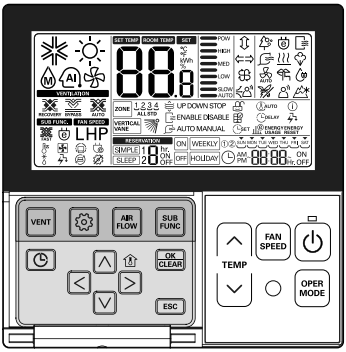
- When installing more than 2 units of wired remote controller to one air conditioner, set one wired remote controller as master and the others all as slaves, as shown in the right picture.
- You cannot control the group as shown in the right for some products.
- Refer to the product manual for more detail.



<When simultaneously connecting 2 sets of wired remote controller>

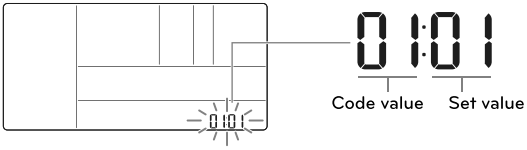
- When controlling in groups, set the master/slaver of the remote controller. Refer to Installer setting section on how to set master/slave for more detail.

Installer Setting – Installer Setting Mode Approach



Keep pressing(over 3 seconds) the ⚙ button repeatedly to scroll to the required function as described in the Installer setting code table below. Use the arrow buttons to select the required value, and then press the OK CLEAR button. You can leave the installer menu by pressing ESC. Alternatively, the installer mode will cease automatically if no buttons have been pressed for about 25 seconds.

Once entered the installer settings mode, it displays the programmable data values in the lower right of LCD screen.



- Some items in the menu may not be displayed depending on the product functions, or have different name in the menu.

⚠ CAUTION

Installer setting is a mode to set the detailed functions of remote control.

If the installer setting mode is set improperly, it may cause a break down, injury, or property damage.

The installation requires an expertise and must be performed by one of our service centers or expert installer providers.

The person who performed an installation takes responsibility for any troubles associated with the installation, and in this case, service will be charged.

Installer Setting Code Table

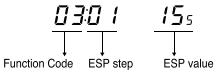
<General air conditioner product code table>

Code	Function	Value
01	Test run	01 : Set
02	Address Setting	00~FF : Address
03	E.S.P. Value	<ESP Step> 01 : VeryLow 02 : Low 03 : Med 04 : High 05 : Very High <ESP Value> 0 ~ 255 <Example> 
04	Thermistor	01 : Remote control, 02 : Indoor unit, 03 : 2TH
05	Ceiling Height	01 : Low, 02 : Med, 03 : High, 04 : Very High
06	Static Pressure	01 : V-H, 02 : F-H, 03 : V-L, 04 : F-L
07	Master Setting	00 : Slave ❇ If only "Plus1" series models 01 : Master 00 : Group setting 01 : Single setting
08	Override Setting	00 : Slave, 01 : master
09	Dry Contact	00 : Auto-Off, 01: Auto-On
10	Release 3 Min. Delay	01 : Set
11	Zone State	01 : Variable, 02 : Fixed
12	Celsius Fahrenheit Switching	00 : Celsius, 01:Fahrenheit (Optimized only for U.S.A)
13	Zone Type	00 : Zone Controller, 01:Damper Controller
14	Zone Number	02~04(Zone number)
17	Centigrade Control Settings	00 : 1 °C Control , 01 : 0.5 °C Control
18	Emergency Heater Setting	Select mode: 00 : not use, 01 : use Setup Low Ambient Heating Operation: 00 : not use, 01~03: Setting step, 01~15 : Setting step (step expand indoor unit) Setup FAN Speed: 0 : fan off, 1 : fan on
19	Function Setting for Group Control	01 : Not in use, 02 : In use
20	Plasma	00 : Not Installed 01 : Installed
21	Electric heater	
22	Humidifier	
23	Elevation Grill	
24	Ventilation Kit	
25	Auxiliary Heater	00 : Not Installer 01 : Installed-Normal 02 : Installed-Duct type
26	Indoor unit address checking	00 : Not Installed, 01: Installed
29	Settings for Refrigerant Leak Detector Installation	00 : Not Installed, 01: Installed
32	Static Pressure step	00 : use static pressure (code 06) set value 01~11 : static pressure step (code 32) set value

35	Fan operation in the cooling mode and thermal off conditions.	00 : Fan speed -Low 01 : Fan OFF 02 : Fan speed setting value
36	Use Primary Heater control	00 : Cancel primary heater control 01 : use primary heater control
38	Air conditioner Fan operation interlocked with ventilation	00 : air-conditioner fan operate very low 01 : air-conditioner fan off
39	Indoor unit Auto-Start setting	00 : Use indoor unit auto restart 01 : not use indoor unit auto restart
40	Occupy sensor 'occupy maintain' time setting	00 : 0 minute 01 : 10 minutes 02 : 30 minutes 03 : 60 minutes
41	Simple Dry Contact Setting	00 : Default 01 : Not Use Simple Dry Contact 02 : Use Simple Dry Contact 03 : Use for digital input
44	Setting the stage value of Comfort cooling	00 : Power-saving effect low 01 : Power-saving effect medium 02 : Power-saving effect High
46	Setting the Fan continuous	00 : not used 01 : Fan continuous used
47	Outdoor unit Function setting master/slave	00 : Outdoor unit Function slave 01 : Outdoor unit Function master
48	Setting the silent mode	00 : Not used 01 : silent mode low 02 : silent mode high
49	Setting the outdoor unit defrost mode	00 : Not used 01 : Forced remove piled snow mode 02 : Fast defrost mode 03 : Forced remove piled snow and Fast defrost mode
51	Setting automatic temperature-based wind	00 : not used 01 : Use temperature-based fan speed 'auto'
52	CN_EXT setting	00 : Not use 01 : Simple Operation 02 : Simple Dry Contact 03 : Single emergency stop 04 : Occupied/Unoccupied 05 : All emergency stop
56	Outdoor unit cycle priority	<Select Mode> 00 : Not use 01 : Standby 02 : Cool < Step > [Not use, Standby] None [Cool] 0~5 Step
57	Outdoor temperature for heating stages	<Select Mode> 01 : Use/Not use 02 : T1 03 : △T <Setting range> [Use/Not use] None [T1 setting range] -23~16°C (-10~60°F) [△T setting range] 0~35°C (0~70°F)
60	CN_PTC setting	00 : Normal 01 : Special

✻ Some contents may not be displayed depending on the product function

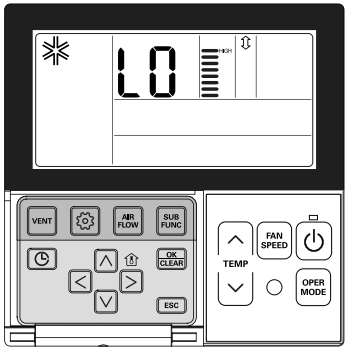
<Ventilator code table>

Code	Function	Value
01	Test run	01 : Test Run Setup
02	Address Setting	00~FF : Address of Central Control
03	SA(Supply Air) ESP	<ESP Step> <ESP Value> <Example> 01 : Low 0~255 02 : High 03 : Super High 
04	EA(Exhaust Air) ESP	
05	Product Direction	01 : Normal 02 : Opposite
06	Quick Refresh Priority	01 : Supply Air First 02 : Exhaust Air First
07	Master Setting	00 : Slave 01 : Master
08	Override Setting	00 : Slave 01 : Master
09	Dry Contact	00 : Auto-Off 01 : Auto-On
10	Release Of 3 Minute Delay	01 : Set
11	Zone State	01 : Variable 02 : Fixed
13	Humidification for Singular Ventilation	00 : Not in Use 01 : Use
14	Humidification for Heat Mode Ventilation	00 : Automatic 01 : Manual
15	Ventilation basis fan speed	00 : Factory set default value 11 : 10% increase 21/22 : 10/20% Decrease

❉ Some contents may not be displayed depending on the product function

Installer Setting – Test run

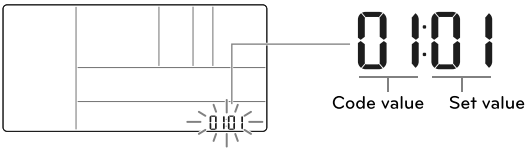
A test run must be performed after installation.
See the product manual for more details about test run.



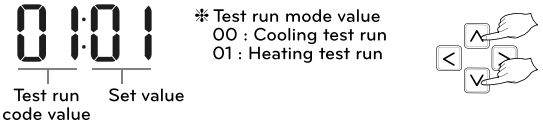
Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.
- For the wall-mount product, cancel the wind direction left/right.

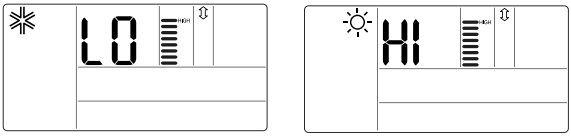
The set value '01' will blink in the lower part of display window.



Select the test run mode using ∧ ∨ button.



Press OK CLEAR button to start test run.



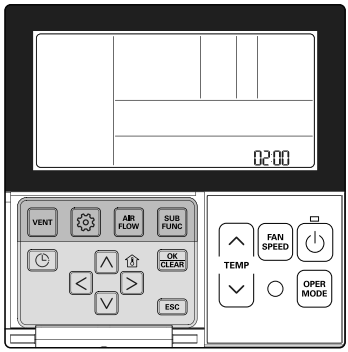
<When cooling> <When heating>

During a test run, press the button below to cancel the test run.

- Operation selection, temperature up/down, fan speed, Airflow, run/stop button

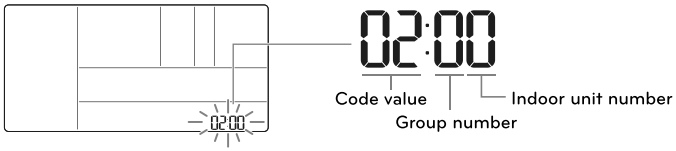
Installer Setting – Setting Address of Central Control

This function is to be used when connecting to a central controller.
See the central controller manual for more detailed functions.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.
- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Once entered the address setting mode using ⚙ button, it displays as below.



Set the group No. using ∧ ∨ button. (0~F)



Move to the indoor unit No. set value using < > button.



Set the indoor unit No. value using ∧ ∨ button. (0~F)



Press OK CLEAR button to complete the address setting.

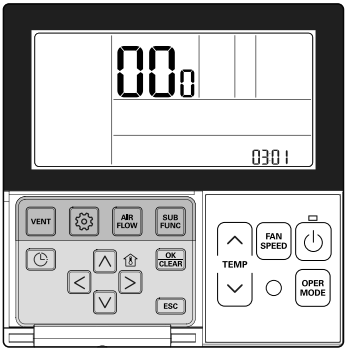
Press ESC button to exit.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

Installer Setting – ESP Setting

This function is to facilitate the installation by assigning a fan speed value to each speed.

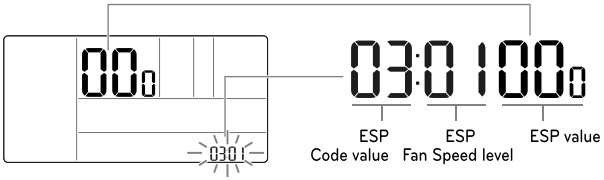


- If the ESP is set improperly, it can cause an air conditioner malfunction.
- This function must be set by a certified/qualified installer.

Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

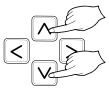
- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Once entered the ESP setting mode using ⚙ button, it displays as below.



Select the level of ESP Fan Speed using ∧ ∨ button. There are 5 levels in the fan speed, SLOW → LOW → MED → HIGH → POW.



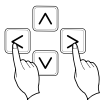


ESP level	Fan Speed
01	SLOW
02	LOW
03	MED
04	HIGH
05	POW.

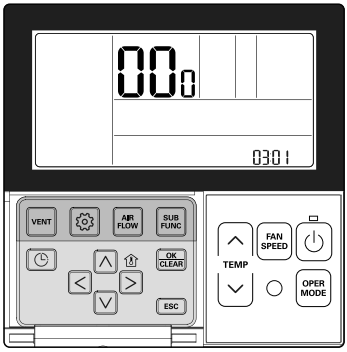
❇ The ESP set value can be programmed 0~225.

Move to the ESP value settings using < > button.
The ESP value numbers will blink.
(It is set 000 by default.)





- If a fan speed ESP value is set for the product without very weak wind or power wind, the system may not operate.



Set the ESP value using ∧ ∨ button.



(The ESP value can be set from 1 up to 255,
and 1 is the smallest value and 255 is the largest value.)

Select a fan speed again using ∧ ∨ button, and set the ESP value for each speed.

Ex) 120 set for Breeze  (ESP value for Breeze : 120)

Ex) 230 set for High  (ESP value for High : 230)

Press OK CLEAR button to save the setting.

Press ESC button to exit.

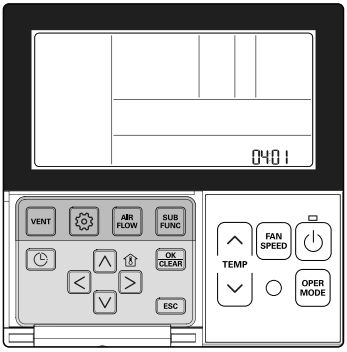
❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

- Pay special attention not to mix the ESP values for each speed.
- Some product may not allow you to program for Breeze and Power speed.
- The programmable ESP value may vary according to the product and capacity.
- When a power failure compensation is completed after power is on (at least 1 minute), Please set or check the ESP value.

Installer Setting – Thermistor

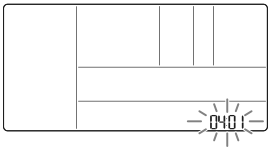
This function is to select a temperature sensor to determine the indoor temperature.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Move to the Selection of Indoor Temperature Sensor (Thermistor) in the menu using ⚙ button and then, it displays as below.



Select the location of indoor temperature sensor (Thermistor) using ∧ ∨ button.



Code value for Room temperature sensor (Thermistor)

Set value

❊ Set value for sensor location
01 : Remote control
02 : Indoor unit
03 : 2TH

Press OK CLEAR button to save the setting.

Press ESC button to exit.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

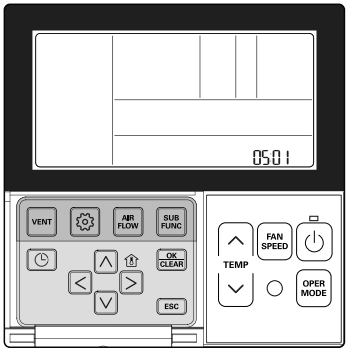
❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

Temperature sensor selection location			Function
01	Remote control		Operating by a temperature sensor in Remote controller
02	Indoor unit		Operating by a temperature sensor in the indoor unit
03	2TH	Cooling	Operating at a higher temperature after comparing the temperatures between indoor unit and cable remote control (Some product may operate at a lower temperature.)
		Heating	Operating at a lower temperature after comparing the temperatures between indoor unit and cable remote control

❊ 2TH functions/features vary according to the product.

Installer Setting – Ceiling Height Selection

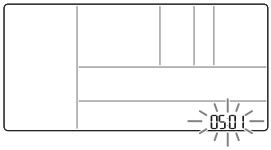
This function is to adjust the level of fan speed according to the height of ceiling for ceiling type product.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

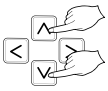
Move to Ceiling Height Selection in the menu using ⚙ and then, it displays as below.



Select the height of ceiling using ∧ ∨ button.



❊ Set value for ceiling height
01 : Low
02 : Medium
03 : High
04 : Very high



Press OK CLEAR button to save the setting.

Press ESC button to exit.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

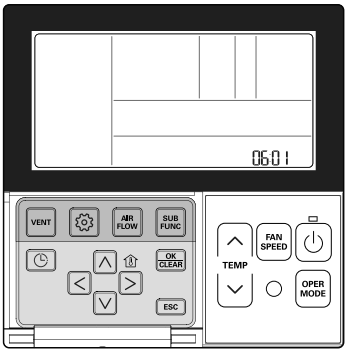
❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

Ceiling Height Level		Function
01	Low	Operate the indoor fan speed at one level below the average fan speed.
02	Medium	Operate the indoor fan speed at the average fan speed.
03	High	Operate the indoor fan speed at one level above the average fan speed.
04	Very high	Operate the indoor fan speed at two levels above the average fan speed.

- The ceiling height selection settings are limited to some product.
- The very high ceiling height function may not be available for some Indoor Unit.
- See the product manual for more details.

Installer Setting – Static Pressure Setting

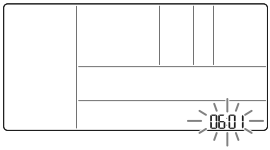
Selecting the static pressure is only available for duct products.
For other products, the static pressure selection cannot be set.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

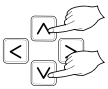
Press ⚙ button repeatedly to move to the static pressure selection in the menu as below.



Select the level of static pressure using ∧ ∨ button.



❊ Set value for static pressure
01 : V-H
02 : F-H
03 : V-L
04 : F-L



Press OK CLEAR button to save the setting.

Press ESC button to exit.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

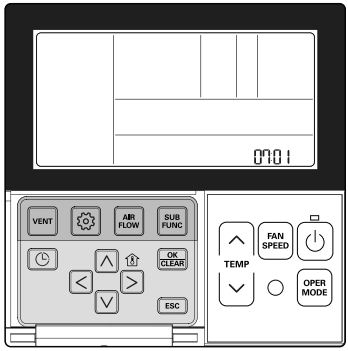
❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

<Static Pressure Setting Table>

Pressure selection		Function	
		Zone state	ESP standard value
01	V - H	Variable	High
02	F - H	Fixed	High
03	V - L	Variable	Low
04	F - L	Fixed	Low

Installer Setting – Remote Controller Master/Slave Setup

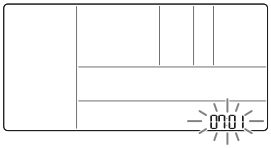
This function is the settings when controlling 2-remote controls or group control.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Move to the Master/slave selection in the menu using ⚙ button and then it displays as below.

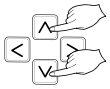


Select the remote control master/slave using ∧ ∨ button.



Code value for remote control master/slave | Set value

✻ Set value for remote control
00 : Slave
01 : Master



Press OK CLEAR button to save the setting.

Press ESC button to exit.

✻ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

✻ If the OK CLEAR button is not selected before you exit, the changes will not apply.

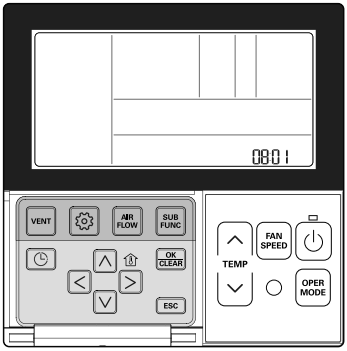
Remote control		Function
01	Master	The Indoor Unit run by master remote controller in case of group control. (Set as a master by default)
02	Slave	Set all the remote controllers as slaves except one master remote control for group control.

✻ See the 'Group control' section for more information about master/slave.

• Some functions may not be available during a group control except basic operation settings, fan speed low/med/high, remote control lock setting, time setting.

Installer Setting – Override Master/Slave Setting

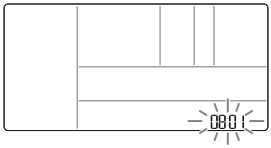
Override master/slave selection function is, since Multi-V 7 series model, the function to prevent product's different mode operation. If it setup as the slave, It blocks to change opposite run mode to outdoor unit cycle (cooling/heating)



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

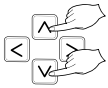
Move to the Master/slave selection in the menu using ⚙ button and then it displays as below.



Select the operation master/slave using ∧ ∨ button.



❉ Set value for operation
00 : Slave
01 : Master



Press OK CLEAR button to save the setting.

Press ESC button to exit.

❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If the OK CLEAR button is not selected before you exit, the changes will not apply.

❉ If selected as the operation 'slave', it displays in the remote controller screen as shown in figure 1.

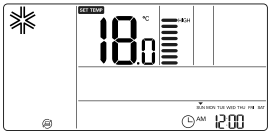
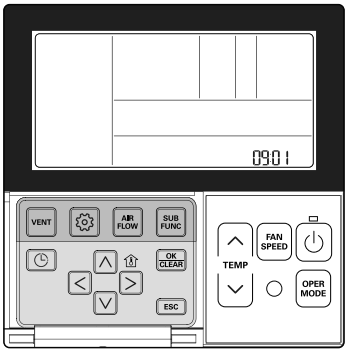


figure 1.

❉ Some product may not include the operation master/slave selection function.

Installer Setting – Dry Contact mode Setting

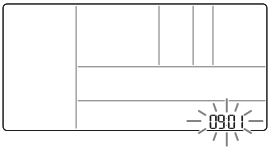
This function is available only for the products with dry contact device.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

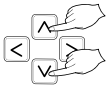
Move to the Dry Contact Mode Settings in the menu using ⚙ button and then it displays as below.



Select the Dry Contact Mode using ∧ ∨ button.



❊ Set value for dry contact
00 : Manual
01 : Auto



Press OK CLEAR button to save the setting.

Press ESC button to exit.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❊ If the OK CLEAR button is not selected before you exit, the changes will not apply.

• See the Dry Contact manual for more detailed functions about dry contact mode.

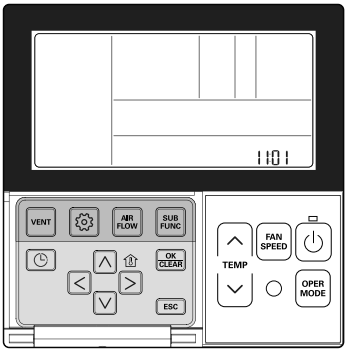
▶ What is Dry Contact?

It means a contact signal received when an air conditioner runs interlocking with hotel key card or sensor.

Installer Setting – Zone State

This function is to set the fan speed mode of indoor unit as fixed or variable.

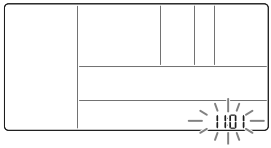
- Variable : Comp ON, setup fan speed. Comp OFF, weak wind
- Fixed : Comp ON, setup fan speed. Comp OFF, setup fan speed.



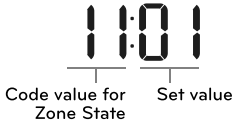
Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

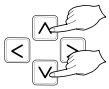
Press ⚙ button repeatedly to move to the zone state selection in the menu as below.



Select the zone state using ∧ ∨ button.



❉ Set value for Zone State
01 : Variable
02 : Fixed



Press OK CLEAR button to save the setting.

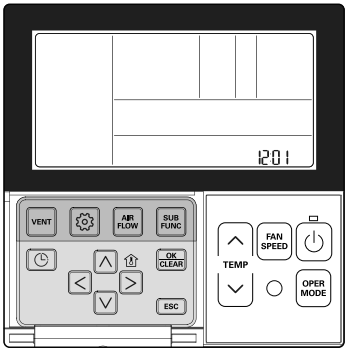
Press ESC button to exit.

❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If the OK CLEAR button is not selected before you exit, the changes will not apply.

Installer Setting – Celsius/Fahrenhei Switching

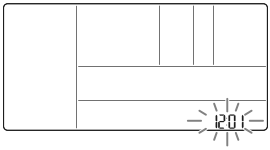
This function is used for switching the display between Celsius and Fahrenheit.
(Optimized only for U.S.A)



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

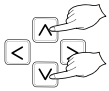
Move to the Celsius/Fahrenheit Switching in the menu using ⚙ button and then it displays as below.



Select the Celsius/Fahrenheit Switching using ∧ ∨ button.



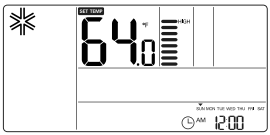
❇ Fahrengeit Setting
00 : Celsius
01 : Fahrenheit



Press OK CLEAR button to save the setting.

Press ESC button to exit.

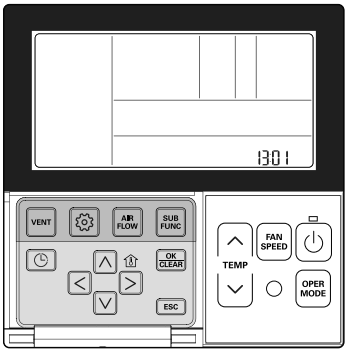
❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.



Whenever press ∧ ∨ button in Fahrenheit mode, the temperature will increase/drop 2 degrees.

Installer Setting – Zone Type Setting

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.



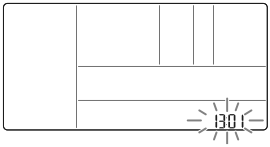
CAUTION

If you set zone number incorrectly, the product may malfunction especially in zone control.
This function must carried out by a certificated-technician.

Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

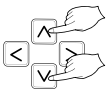
Move to the Zone Type Setting in the menu using ⚙ button and then it displays as below.



Select the Zone Type Setting using ∧ ∨ button.



❇ Zone type setting
00 : Old
01 : New



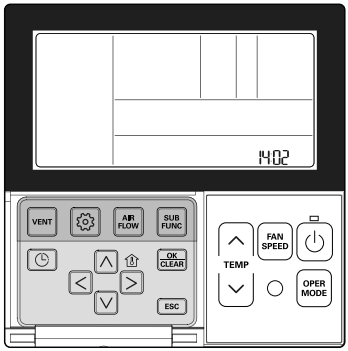
Press OK CLEAR button to save the setting.

Press ESC button to exit.

❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

Installer Setting – Zone Number Setting

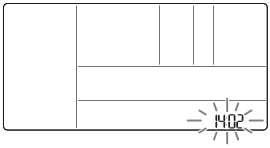
This function is only available on some products. Zone Number is to set the number of installed zones. It's possible to control only in zone new type



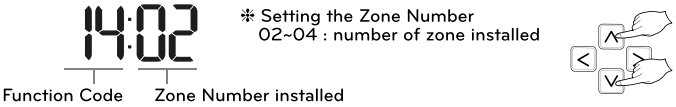
Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Move to the Zone Number Setting in the menu using ⚙ button and then it displays as below.



Select the Zone Number Setting using ∧ ∨ button.



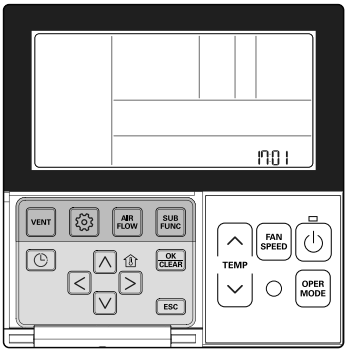
Press OK CLEAR button to save the setting.

Press ESC button to exit.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

Installer Setting – Celsius Control Setting

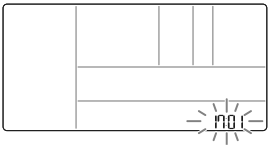
This function is to set the unit for temperature control by 1°C or 0.5°C.



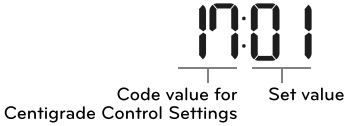
Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

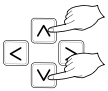
Move to the Centigrade Control Settings in the menu using ⚙ button and then it displays as below.



Select the Centigrade Control Settings using ∧ ∨ button.



❇ Set value for Centigrade Control Settings
00 : 1 °C Control
01 : 0.5 °C Control



Press OK CLEAR button to save the setting.

Press ESC button to exit.

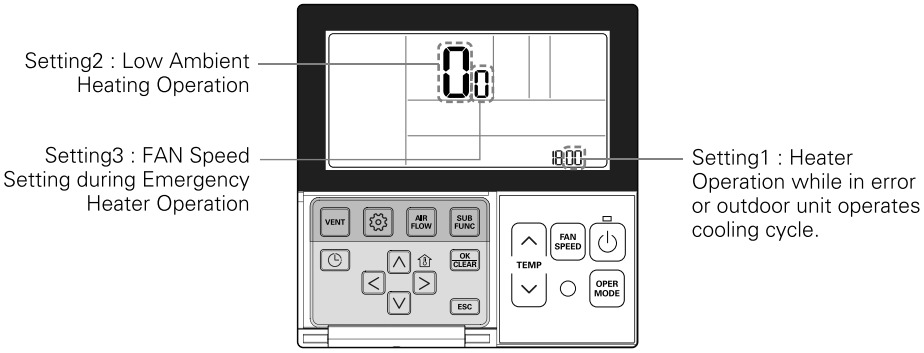
❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❇ If the OK CLEAR button is not selected before you exit, the changes will not apply.

Installer Setting – Emergency Heater Setting

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



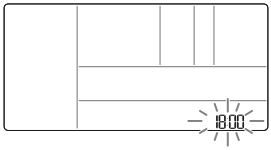
CAUTION

This function setting must be carried out by a certified-technician.
Incorrect function setting can cause fire.

Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

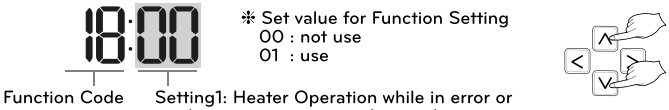
- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Move to the Emergency Heater Setting in the menu using ⚙ button and then it displays as below.

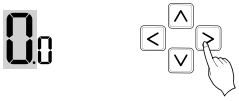


Select the Emergency Heater Setting using ∧ ∨ button.

❊ If 00 is set at this stage, setting 2 & setting 3 will not be available.



Move to Low Ambient Heating Operation setting by pressing ▷ button.



Press △ ▽ button to setup Low Ambient Heating Operation.



00: Not use
01~03: compressor on/off Setting step



01~15: compressor on/off Setting step(step expand indoor unit)



❇ Emergency heater operation in Low Ambient temperature
- compressor off : Emergency heater enabled
- compressor on : Emergency heater disabled

Move FAN Speed Setting during Emergency Heater Operation by pressing ▷ button.



Press △ ▽ button to setup FAN Speed during Emergency Heater Operation.

0 : fan off
1 : fan on

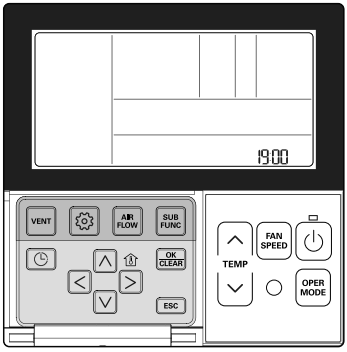


Press OK CLEAR button to save.

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

Installer Setting – Function Control Setting for Group Control

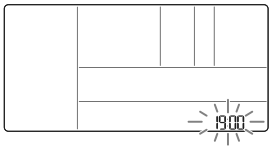
This function is to control the common functions or some functions based on the master indoor unit criteria for group control.



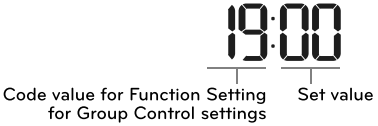
Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

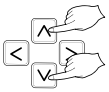
Move to the Function Settings for Group Control in the menu using ⚙ button and then it displays as below.



Select the Function Settings for Group Control using ∧ ∨ button.



❉ Set value for Function Setting for Group Control settings
00 : Common function
01 : Common function, some indoor unit master criteria



Press OK CLEAR button to save the setting.

Press ESC button to exit.

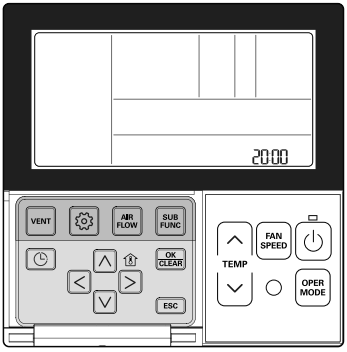
❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If OK CLEAR button is not selected before you exit, the changes will not apply.

- Common function, some indoor unit master criteria must be set for a group of the same indoor unit series.
- In case of group control for the products which have different indoor models, use the existing group control mode by setting 00(common function use only).

Installer Setting – Option Function Setting

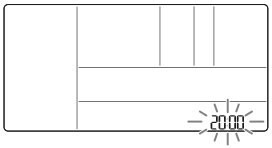
This function is used when air Cleaner, heater, humidifier, elevation grill, ventilation KIT are installed additionally or the installed KIT is removed.



Press and hold [⚙] button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Press [⚙] button repeatedly to move to the applicable Function in the menu as below.

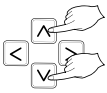


Function	Code
Plasma purification	20
Electric heater	21
Humidifier	22
Elevation grill	23
Ventilation kit	24
Auxiliary heater	25

Select the code value and set value for each function using [∧] [∨] button.



❉ Set value for each function
00 : Not installed
01 : Installed



❉ In case of indoor unit that has one more additional stage in the Aux heater setting.
00: not installed
01: installed - general
02: installed - duct type

Press [OK CLEAR] button to save the setting.

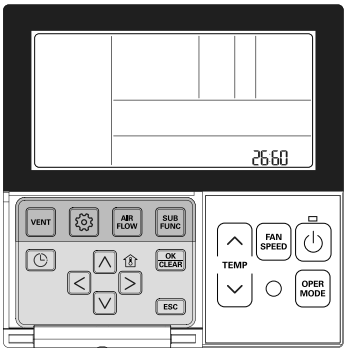
Press [ESC] button to exit.

❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If [OK CLEAR] button is not selected before you exit, the changes will not apply.

Installer Setting – Indoor Unit Address Checking

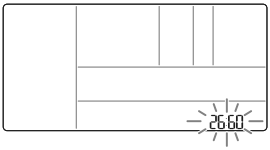
This function is to identify the indoor unit address assigned by the outdoor unit.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Press ⚙ button repeatedly to move to the Indoor Unit Address Checking in the menu as below.



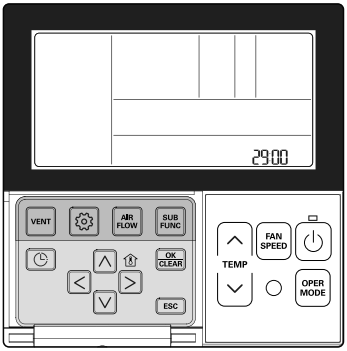
Press ESC button to exit.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❊ If OK CLEAR button is not selected before you exit, the changes will not apply.

Installer Setting – Setting for Refrigerant Leak Detector

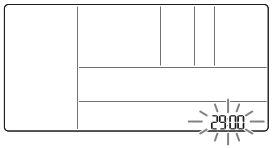
This function is used when a refrigerant leak detector is additionally installed in the indoor unit or the installed detector is removed.



Press and hold [⚙] button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

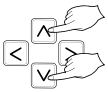
Press [⚙] button repeatedly to move to the Settings for Refrigerant Leak Detector Installation in the menu as below.



Select the code value and set value for each function using [∧] [∨] button.



❇ Set value for Refrigerant Leak Detector Installation
00 : Not installed
01 : Installed



Press [OK CLEAR] button to save the setting.

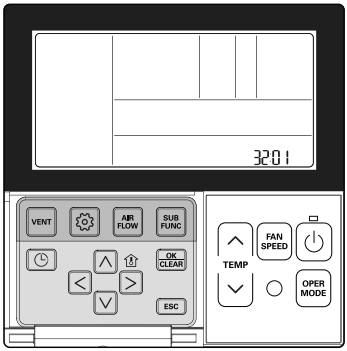
Press [ESC] button to exit.

❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❇ If [OK CLEAR] button is not selected before you exit, the changes will not apply.

Installer Setting – Static Pressure Step Setting

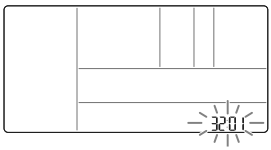
This function is applied to only duct type. Setting this in other cases will cause malfunction.
This function is only available on some models.
This is the function that static pressure of the product is divided in 11 steps for setting.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

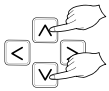
Press ⚙ button repeatedly to move to the Settings for Static Pressure Step in the menu as below.



Select the code value and set value for each function using ∧ ∨ button.



❇ Set value for static pressure step
00 : use static pressure(code 06) set value
01~ 11 : static pressure step (code 32) set value



Press OK CLEAR button to save the setting.

Press ESC button to exit.

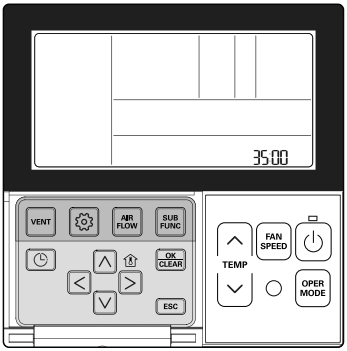
❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❇ If OK CLEAR button is not selected before you exit, the changes will not apply.

- 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.

Installer Setting – Fan operation in the cooling mode and thermal off conditions

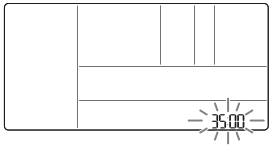
This is the function to set indoor unit fan operation at the cooling mode and thermal off conditions.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Press ⚙ button repeatedly to move to the Settings for Fan operation in the cooling mode and thermal off conditions in the menu as below.

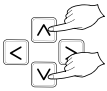


Select the code value and set value for each function using ∧ ∨ button.



❊ Set value

value	Fan operation
00	Fan speed Low
01	Fan off
02	Fan speed Setting value



Press OK CLEAR button to save the setting.

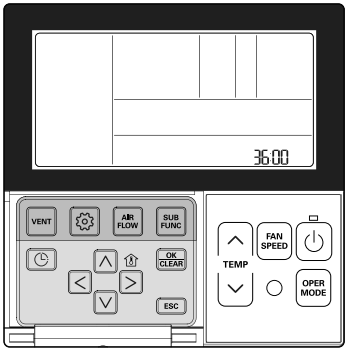
Press ESC button to exit.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❊ If OK CLEAR button is not selected before you exit, the changes will not apply.

Installer Setting – Primary Heater control setting

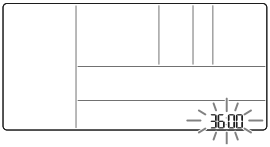
It is a function that sets the outdoor unit to operate with auxiliary heat source and the heater to run with main heat source in heating mode.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

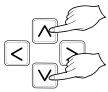
Press ⚙ button repeatedly to move to the Settings for Using Primary Heater control in the menu as below.



Select the code value and set value for each function using ∧ ∨ button.



❇ Set value
00 : Cancel primary heater control
01 : use primary heater control



Press OK CLEAR button to save the setting.

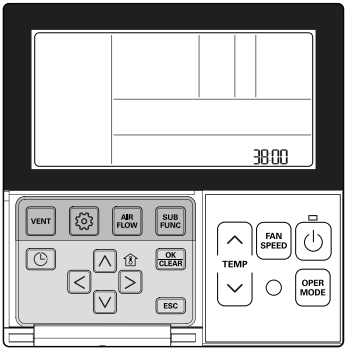
Press ESC button to exit.

❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❇ If OK CLEAR button is not selected before you exit, the changes will not apply.

Installer Setting – Air-conditioner Fan operation interlocked with ventilation

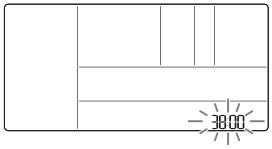
It is a function that sets the availability of air conditioner FAN movement when only the ventilation is running while air conditioner is off, in case of interlock of the air conditioner operation with the ventilation operation.



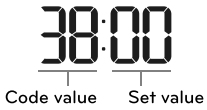
Press and hold [⚙] button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

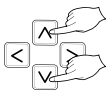
Press [⚙] button repeatedly to move to the Settings for air conditioner fan operation interlocked with ventilation in the menu as below.



Select the code value and set value for each function using [∧] [∨] button.



❊ Set value
00 : air-conditioner fan operate very low
01 : air-conditioner fan off



Press [OK CLEAR] button to save the setting.

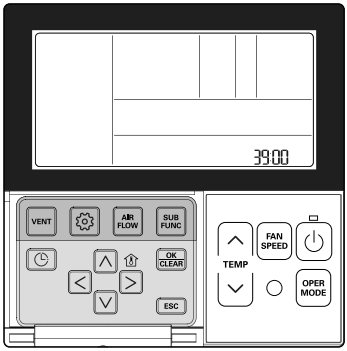
Press [ESC] button to exit.

❊ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❊ If [OK CLEAR] button is not selected before you exit, the changes will not apply.

Installer Setting – Indoor unit Auto-Start setting

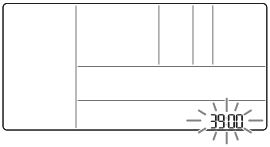
It is a function that sets whether to restore the indoor unit operation by resuming the previous power-on state or as power-off state in the power failure compensation.



Press and hold ⚙ button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

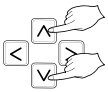
Press ⚙ button repeatedly to move to the Settings for Indoor unit Auto-Start setting in the menu as below.



Select the code value and set value for each function using ∧ ∨ button.



❇ Set value
00 : Use indoor unit auto restart
01 : Not use indoor unit auto restart



Press OK CLEAR button to save the setting.

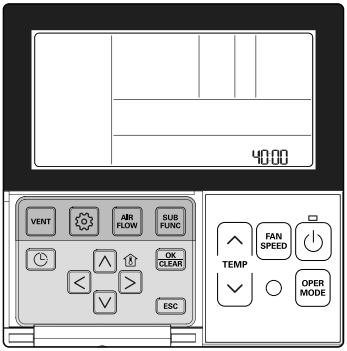
Press ESC button to exit.

❇ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❇ If OK CLEAR button is not selected before you exit, the changes will not apply.

Installer Setting – Occupancy Duration Time Setting

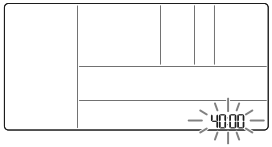
It is a function that sets the occupancy duration after motion is detected when installing an occupancy sensor.



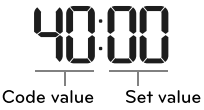
Press and hold button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Press button repeatedly to move to the Settings for Occupancy Duration Time in the menu as below.

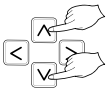


Select the code value and set value for each function using ∧ ∨ button.



❉ Set value

value	time setting
00	0 minute
01	10 minutes
02	30 minutes
03	60 minutes



Press button to save the setting.

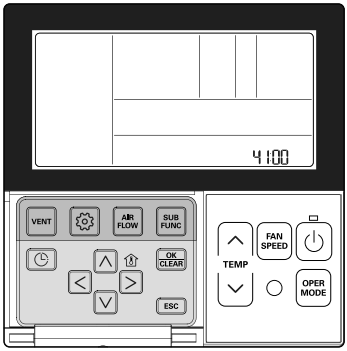
Press button to exit.

❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If button is not selected before you exit, the changes will not apply.

Installer Setting – Setting for Simple Dry contact unit

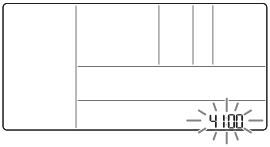
This function is used when simple dry contact unit is additionally installed in the indoor unit or the installed simple dry contact unit is removed.



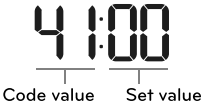
Press and hold button for more than 3 seconds to enter the installer settings mode.

- If pressing only once briefly, it will enter the user settings mode.
  Make sure to press and hold for more than 3 seconds.

Press button repeatedly to move to the Settings for Simple Dry contact unit setting value in the menu as below.

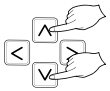


Select the code value and set value for each function using button.



❉ Set value

value	setting
00	Default – Simple Dry contact Auto identification
01	Simple Dry contact : Not installed
02	Simple Dry contact : Installed
03	Use for digital input



Press button to save the setting.

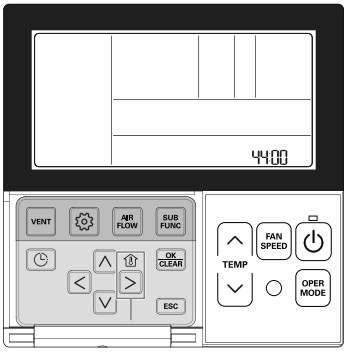
Press button to exit.

❉ If no button is selected for about 25 seconds after setup, it exits the setup mode automatically.

❉ If button is not selected before you exit, the changes will not apply.

Installer Setting – Setting the stage value of Comfort cooling

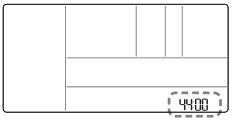
Set the stage of the power-saving effect of Comfort cooling.



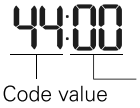
If [⚙] button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

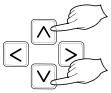
If [⚙] button is pressed repeatedly, it is moved to Comfort cooling stage value setting menu as the picture below.



Press [∧] [∨] button and select the code value and setting value per each function.



Setting the stage value of Comfort cooling
00 : Power-saving effect low (outdoor unit step 1)
01 : Power-saving effect medium (outdoor unit step 2)
02 : Power-saving effect high (outdoor unit step 3)



After selecting the corresponding function, press [OK CLEAR] button to complete the setting.
Press the [ESC] button to exit the setting mode.

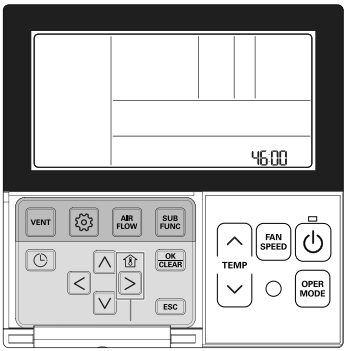
❊ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.

❊ If it is exited without pressing [OK CLEAR] button, the handled value is not reflected.

If power-saving effect is increased, the cooling function is decreased little by little, so adjust it according to the indoor condition.

Installer Setting – Setting Fan continuous

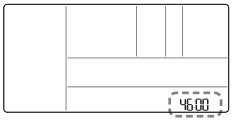
It is the function to set the continuous operation of the indoor fan.
Even if the room air temperature reaches the desired temperature through the air conditioning operation it is the ability to run a set flow rate without reducing the air flow.



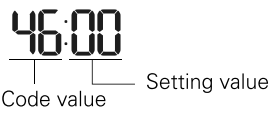
If ⚙ button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

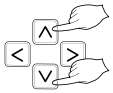
If ⚙ button is pressed repeatedly, it is moved to Fan continuous setting menu as the picture below.



Press ∧ ∨ button and select the code value and setting value per each function.



Setting Fan continuous
00 : not used
01 : Fan continuous used



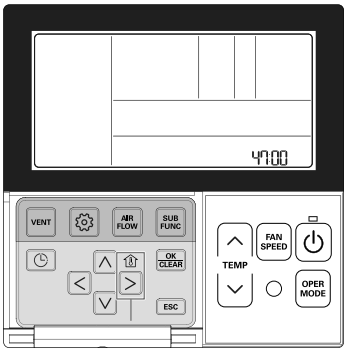
After selecting the corresponding function, press OK CLEAR button to complete the setting.
Press the ESC button to exit the setting mode.

❇ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.

❇ If it is exited without pressing OK CLEAR button, the handled value is not reflected.

Installer Setting – Outdoor unit Function master/slave

Outdoor Function master/slave selection is the function to prevent confusion of the operation of the outdoor unit by making to select only indoor unit set as master, among some part of the function.



If ⚙ button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

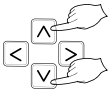
If ⚙ button is pressed repeatedly, it is moved to Outdoor unit Function setting master/slave menu as the picture below.



Press ∧ ∨ button and select the code value and setting value per each function.



Outdoor unit Function master/slave setting
00 : Outdoor unit function slave
01 : Outdoor unit function master



After selecting the corresponding function, press OK CLEAR button to complete the setting.
Press the ESC button to exit the setting mode.

❋ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.

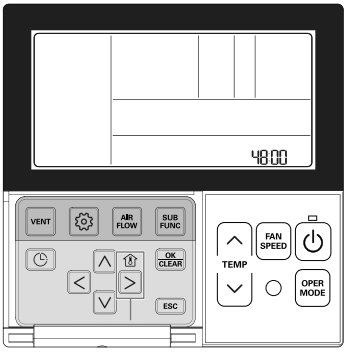
❋ If it is exited without pressing OK CLEAR button, the handled value is not reflected.

⚠ CAUTION

When you change the outdoor-unit function master/slave from master to slave, please check the operating status outdoor-unit function (Smart Load Control). You must change after stopping outdoor-unit function.

Installer Setting – Function of indoor unit silent mode

It is the function to reduce the refrigerant noise occurred at the initial stage of the operation of the indoor unit at the heating mode.



If [⚙] button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

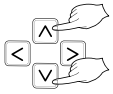
If [⚙] button is pressed so long for over 3 seconds, it enters to the installer setting mode.



Press [∧] [∨] button and select the code value and setting value per each function.



Setting the indoor unit silent mode
00 : Not used
01 : Noise reduction low
02 : Noise reduction high



After selecting the corresponding function, press [OK CLEAR] button to complete the setting.
Press the [ESC] button to exit the setting mode.

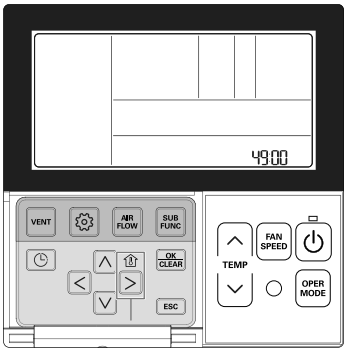
❇ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.

❇ If it is exited without pressing [OK CLEAR] button, the handled value is not reflected.

The corresponding Function setting is available when connecting the products designated as outdoor unit Function setting master.

Installer Setting – Setting the outdoor unit defrost mode

It is the function to select the defrost mode of the outdoor unit.



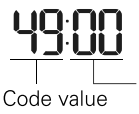
If ⚙ button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

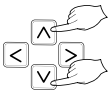
If ⚙ button is pressed repeatedly, it is moved to Outdoor unit defrost mode setting menu as the picture below.



Press ∧ ∨ button and select the code value and setting value per each function.



Setting the outdoor unit defrost mode
00 : Not used
01 : Forced remove piled snow mode
02 : Fast defrost mode
03 : Forced remove piled snow and Fast defrost mode



* Forced remove piled snow : Remove the snow on the upper side of the outdoor unit by operating outdoor fan.
* Fast defrost: Unfreeze the frost of the outdoor heat exchanger often.

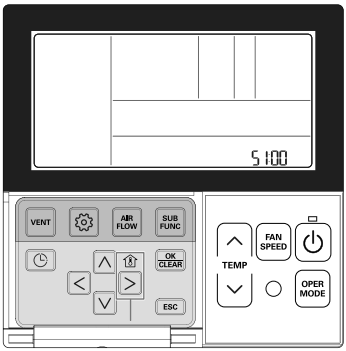
After selecting the corresponding function, press OK CLEAR button to complete the setting.
Press the ESC button to exit the setting mode.

❇ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.
❇ If it is exited without pressing OK CLEAR button, the handled value is not reflected.

The corresponding Function setting is available when connecting the products designated as outdoor unit Function setting master.

Installer Setting – Setting temperature - based fan speed 'auto'

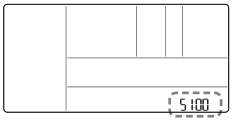
It is the function to set use of the temperature-based fan speed 'auto' of the connected indoor unit.
Temperature-based fan speed 'auto' function is the function to change the strength of the wind according to the difference between the room temperature and the desired temperature.



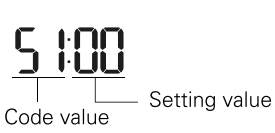
If [⚙] button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

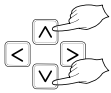
If [⚙] button is pressed repeatedly, it is moved to temperature-based fan speed 'auto' function setting menu as the picture below.



Press [∧] [∨] button and select the code value and setting value per each function.



temperature-based fan speed 'auto'
00 : not used
01 : Use temperature-based fan speed 'auto'

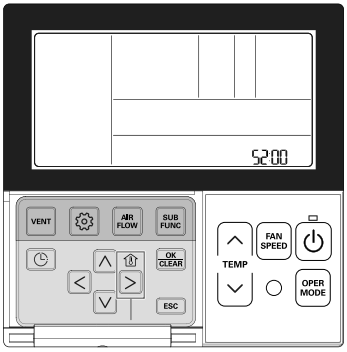


After selecting the corresponding function, press [OK CLEAR] button to complete the setting.
Press the [ESC] button to exit the setting mode.

❇ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.

Installer Setting – CN_EXT setting

It is the function to set to control the external input and output according to DI/DO set by the customer using the indoor unit's Dry Contact Port. (It is the function to decide the usage of the contact point port (CN_EXT) mounted in the indoor unit PCB.)



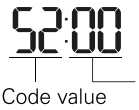
If ⚙ button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

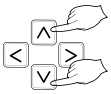
If ⚙ button is pressed repeatedly, it is moved to CN_EXT setting menu as the picture below.



Press ∧ ∨ button and select the code value and setting value per each function.



CN_EXT setting
00 : Not use
01 : Simple Operation
02 : Simple Dry Contact
03 : Single emergency stop
04 : Occupied/Unoccupied
05 : All emergency stop



After selecting the corresponding function, press OK CLEAR button to complete the setting.
Press the ESC button to exit the setting mode.

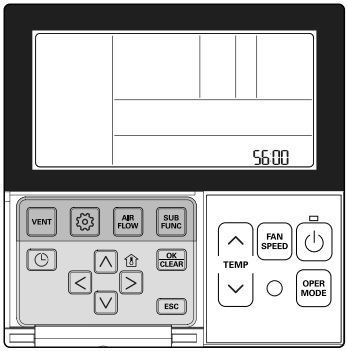
❉ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.

❉ If it is exited without pressing OK CLEAR button, the handled value is not reflected.

Installer Setting – Outdoor unit cycle priority

It is the function to clear the limit and set the operation mode when it is cleared, to be able to select the operation mode opposite to the operation mode of the outdoor unit currently in operation while the connected product is in Slave mode.

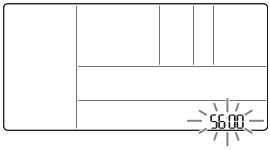
※ When you set installer code 08:00 (operation slave), according to the operation status of the outdoor unit, cooling/heating mode selection is restricted.



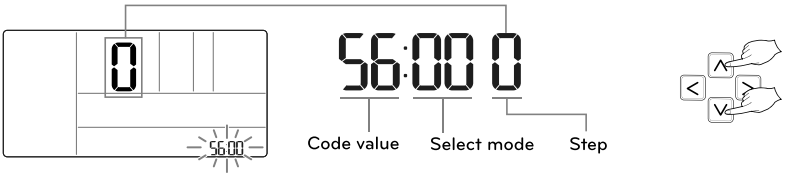
If ⚙ button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

If ⚙ button is pressed repeatedly, it is moved to outdoor unit cycle priority function setting menu as the picture below.



Select the 'select mode' using ∧ ∨ button.



Select mode	Description
00 (Not use)	According to the outdoor unit operation mode, operation mode selection is limited. ※ The following operation modes can be selected according to the outdoor unit cycle. - cooling cycle: auto, fan, cool, dehumidification - heating cycle: auto, fan, heat
01 (Standby)	In case of the operation mode opposite to the outdoor unit operation mode, it maintains the current operation mode. At this time, it maintains thermal off + fan off state.
02 (Cool)	Outdoor unit operation has priority in cooling operation. It is the function to enable the heating operation by heater in the product in heating operation. ※ For heater interface operation, set 'emergency heater setting' and 'auxiliary heater'. - emergency heater setting – installer code 18 (18:01) - auxiliary heater – installer code 25 (25:01, 25:02)

Press ▷ button to move to the `step` setting. The `step value` is blinking.

※ It can be selected when 'cool (56:02)' is set

- It is the standby time set value to switch the outdoor unit mode to heating mode when cooling thermal off time is maintained above the set value.

Press △ ▽ button to set 'step'.

Step	Waiting time for cooling thermal off
0	45 minute (default)
1	30 minute
2	60 minute
3	90 minute
4	120 minute
5	Not use

After selecting the corresponding function, press OK/CLEAR button to complete the setting.

Press the ESC button to exit the setting mode.

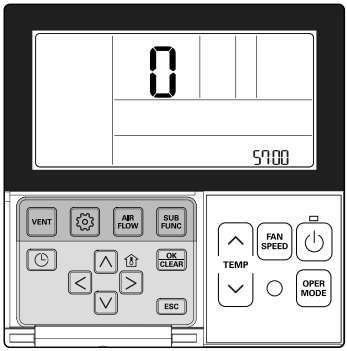
❇ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.

❇ If it is exited without pressing OK/CLEAR button, the handled value is not reflected.

Installer Setting – Outdoor temperature for heating stages

It is a function that sets outdoor temperature values for two stages heating. If user sets outdoor temperature T1 and △T, indoor unit will select heating stage between indoor unit operation and heater operation.

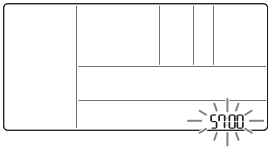
※ When the emergency heater setting is set (installer code 18), emergency heater control operation is performed with priority.



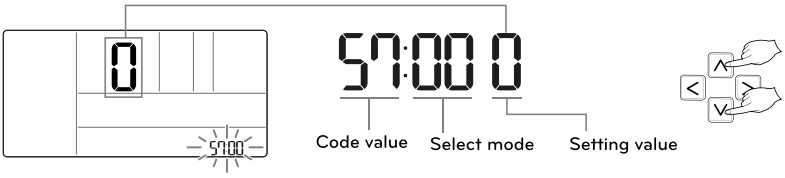
If ⚙ button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

If ⚙ button is pressed repeatedly, it is moved to outdoor temperature for heating stages function setting menu as the picture below.



Select the 'select mode' using ∧ ∨ button.



Press ⌃ ⌄ button to choice `select use/not use` menu.



Press > button to move to the `set use/not use value`. The `setting value` is blinking.

Press ⌃ ⌄ button to set `setting value`.

Setting value	Description
0	Not use
1	Use

After set `use/not use`, press < button to move to the previous step.

Press ⌃ ⌄ button to choice `T1 value setting` menu.



Press > button to move to the `set T1 value`. The `T1 value` is blinking.

Press ⌃ ⌄ button to set `setting value`.

Temperature Unit	T1 setting range
Centigrade	-23~16°C
Fahreneit	-10~60°F

※ If 'T1 value' is negative number (-), it displays the symbol.



[-9°C or higher] [-10°C or lower]

After set `T1 value`, press < button to move to the previous step.

Press ∧ ∨ button to choice `△T value setting` menu.

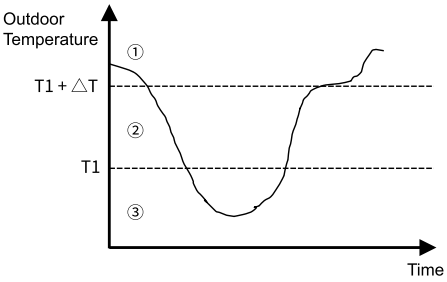


Press > button to move to the `set △T value`. The `△T value` is blinking.

Press ∧ ∨ button to set `setting value`.

Temperature Unit	△T setting range
Centigrade	0~35°C
Fahreneit	0~70°F

Operation according to T1, △T setting and outdoor temperature.



① (T1 +△T < Outdoor temperature) : only heat pump used

② (T1 < Outdoor temperature < T1 + △T) : both heater and heat pump used

③ (Outdoor temperature < T1) : only heater used

After selecting the corresponding function, press OK CLEAR button to complete the setting.

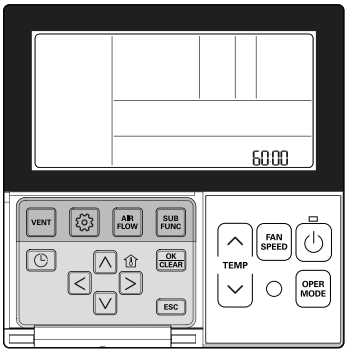
Press the ESC button to exit the setting mode.

❊ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.

❊ If it is exited without pressing OK CLEAR button, the handled value is not reflected.

Installer Setting – CN_PTC setting

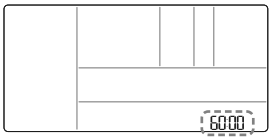
This is a function to set PTC Port of indoor unit.



If ⚙ button is pressed so long for over 3 seconds, it enters to the installer setting mode.

- If it is pressed shortly for one time, it enters to the user setting mode.
  Be sure to press it for so long over 3 seconds.

If ⚙ button is pressed repeatedly, it is moved to CN_PTC setting menu as the picture below.



Press ∧ ∨ button and select the setting value per each function.



CN_PTC setting
00 : Normal (Auxiliary heating interlock deactivated)
01 : Special (Auxiliary heating interlock activated)

After selecting the corresponding function, press OK CLEAR button to complete the setting.
Press the ESC button to exit the setting mode.

❇ If there would be no button input for about 25 seconds after setting, it exits from the setting mode automatically.

❇ If it is exited without pressing OK CLEAR button, the handled value is not reflected.

CHECKLIST BEFORE REPORTING A BREAKDOWN

Please first check the items below for product's defects before consulting to service center.

Symptoms	Check-up	Management
It has no power on.	• Is air-conditioner's power on?	• Please check up circuit breaker. • Please check up wire remote controller's setup condition.
	• Are air-conditioner and remote controller properly connected with cable?	• Please connect air-conditioner and remote controller cable.
	• Is cable connection correct?	• Please connect air-conditioner and remote controller cable.
It doesn't operate reservation drive.	• Did you correctly setup time?	• Please set up current time correctly.
	• Did you correctly make a reservation?	• Please set up again referring to the manual.
It doesn't release cool wind.	• Is desired temperature setup lower than current temperature?	• Please set up desired temperature lower than current temperature.
Air-conditioner automatically runs or stops.	• Isn't reservation drive setup?	• When reservation setting button and set/cancel button are pressed simultaneously for 3 seconds or longer, all set reservations will be cancelled.
Error is indicated on remote controller indication window.	• Does remote controller indication window indicate 'CH03'?	• Please check again wire remote controller's setup condition. • Please check again connection condition of air-conditioner and remote controller cable.

E-WASTE GUIDELINE

Disposal of your old appliance (as per e-waste Rules)



1. When this crossed out wheeled bin symbol is depicted on the product and its operator's manual, it means the product is covered by E-Waste Management Rules India published by MoEF & CC, Govt. of India and are meant to be recycled, dismantled, refurbished or disposed off.

2. **Do's**

a. The product is required to be handed over only to the authorized recycler for disposal.

b. Keep the product in isolated area, after it becomes non-functional/unrepairable so as to prevent its accidental breakage.

Don't

a. The product should not be opened by the user himself/herself, but only by authorized service personnel.

b. The product is not meant for re-sale to any unauthorized agencies/scrap dealer/kabariwalah.

c. The product is not meant for mixing into household waste stream.

d. Do not keep any replaced spare part(s) from the product in exposed area.

3. Any disposal through unauthorized agencies/person will attract action under Environment (Protection) Act 1986.

4. Hazards of improper handling or accidental breakage.

a. The refrigerant used can be combustible at low pressure. The potential health effects of over exposure is dizziness, headache and heart irregularities.

5. This product is compiled with the requirement of Hazardous Substances as specified under E-Waste Management Rules India published by MoEF & CC, Govt. of India.

6. To locate a nearest collection centre or call for pick-up (limited area only) for disposal of this appliance, please contact Tel No. **08069379999** / Toll Free No. **1800-315-9999** for details. All collection centres and pick-up facilities are done by third parties with **LG Electronics India Ltd.** merely as a facilitator.

For more detailed information, please visit : http://www.lg.com/in

Brand Owner (LG Electronics India Ltd.) & Packaging Type Details as per PWM Rules

Packaging Type	Company Name	Registration Number	Thickness
Plastic Sheet	LG Electronics India Ltd	BO-13-000-07-AAACL1745Q-22	0.05mm & Above
Multilayered Bag	LG Electronics India Ltd		N/A

BWM (Battery Waste Management)

Company Name	LG Electronics India Limited
EPR Registration Number	1.1595375254588E+20

अपने पुराने उपकरण का निपटान (ई-अपशिष्ट नियम के अनुसार)



1.जब इस काटे गए पहिये वाले बिन का चिन्ह किसी उपकरण और इसके ऑपरेटर की पुस्तिका के साथ संलग्न होता है तो इसका मतलब है कि इसे "ई–अपशिष्ट" (प्रबंधन और हथालन) नियम के अंतर्गत सम्मिलित किया गया है, और इसे नवीनीकरण, विघटन और निपटान के लिए बनाया गया है। MoEF & CC भारत सरकार द्वारा प्रकाशित (भारतीय "ई–अपशिष्ट" (प्रबंधन और हथालन))

2.**करें**

क. उपकरण को सिर्फ अधिकृत पुनः नवीनीकरणकर्ता को ही निपटारन करने हेतु हस्तांतरित करें।

ख. जब उपकरण कार्यरत न हो इसे अलग क्षेत्र में रखें ताकि उपकरण से होने वाली दुर्घटनाओं से बचा जा सके।

ना करें

क. इस उपकरण को स्वयं/खुद नहीं खोलना चाहिए। उपकरण को केवल अधिकृत अधिकारी के द्वारा ही खोला जाना चाहिए।

ख. इस उपकरण को पुनः बिक्री के लिए किसी भी कबाड़ीवाला/भंगारवाला/अनाधिकृत संस्था को न दें।

ग. इस उपकरण को किसी घरेलू अपशिष्ट सामान के साथ मिलाकर न रखें।

घ. उपकरण के बदले हुए या आंतरिक पुर्जों को खुले क्षेत्र में न रखें।

3. यदि किसी अनाधिकृत विभाग या व्यक्ति के द्वारा निपटारन किया जाता है तो यह पर्यावरण (सुरक्षा) धारा 1986 के अंतर्गत आता है।

4. दुर्घटना टूट/फूट अव्यवस्थित रख–रखाव से बचें।

क. रेफ्रिजरेंट कम दबाव पर दहनशील हो सकती है तथा इससे स्वास्थ्य पर दुष्प्रभाव पड सकता है जैसे चक्कर आना, सर दर्द और हृदय गति रूकना।

5. यह उत्पाद ई–अपशिष्ट (प्रबंधन और हथालन) नियम के तहत निर्दिष्ट खतरनाक पदार्थों की आवश्यकता का पालन करता है। MoEF & CC भारत सरकार द्वारा प्रकाशित (भारतीय "ई–अपशिष्ट" (प्रबंधन और हथालन))

6. उपरोक्त पदार्थों के निपटारन के लिए नजदीकी निपटारन संस्थान (संकीर्ण क्षेत्र) में कॉल करें। अधिक जानकारी के लिए हमारे टेलीफोन नंबर **08069379999** / टोल फ्री नंबर **1800-315-9999** पर कॉल करें। सभी संग्रहण केंद्र व पिक–अप की सुविधाएं किसी थर्ड पार्टी जो **LG Electronics India Ltd.** को अपनी सेवाएं प्रदान कर रही हों, से करवाएं। ज्यादा जानकारी के लिए देखें वेब साइट : http://www.lg.com/in

QR Code for E-Waste, PWM and BWM



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