

# HITACHI

# INSTALLATION & OPERATION MANUAL

**Advanced Color  
Wired Remote Controller**

**airPoint** Room H700

**MODEL**  
SPX-URFG1



- EN** INSTALLATION AND OPERATION MANUAL  
Original Instruction
- ES** MANUAL DE INSTALACIÓN Y FUNCIONAMIENTO
- DE** INSTALLATIONS- UND BETRIEBSHANDBUCH
- FR** MANUEL D'INSTALLATION ET DE FONCTIONNEMENT
- IT** MANUALE DI INSTALLAZIONE E D'USO

Cooling & Heating

# air

**A16382H32B**

## **Important Notice**

- Hitachi pursues a policy of continuing improvement in design and performance in its products. As such, Hitachi reserves the right to make changes at any time without prior notice.
- Hitachi cannot anticipate every possible circumstance that might involve a potential hazard.
- This wired remote controller is designed for human comfort air conditioning applications only. Do not use this wired remote controller for anything other than the purposes for which it was intended for.
- If you have questions, please contact your distributor or dealer.
- Please read this manual carefully before using the product and file it for future reference.

## **Product Inspection upon Arrival**

1. Upon receiving this product, inspect it for any damages incurred in transit. Claims for damage, either apparent or concealed, should be filed immediately with the shipping company.
2. Check the model number, electrical characteristics (power supply, voltage, and frequency rating), and any accessories to determine if they meet the requirements of the installation.
3. The standard utilization for this unit is explained in these instructions. Use of this equipment for purposes other than what it designed for is not recommended.
4. Please contact your installer or local service agent to discuss any issues involving installation, performance or maintenance.
5. Liability does not cover defects originating from unauthorized modifications performed by a customer without the written consent of Hitachi. Performing any mechanical alterations on this product without the consent of the manufacturer renders your warranty null and void.

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# 1. Safety Summary

## Signal Words

|                                                                                                  |                                                                                                                         |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|  <b>WARNING</b> | Indicates a hazardous situation that, if not avoided, could result in death or serious injury.                          |
|  <b>CAUTION</b> | Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.                         |
| <b>NOTICE</b>                                                                                    | Indicates information considered important, but not hazard-related (for example, messages relating to property damage). |

For the operation of the product, please read and follow this safety summary strictly. Otherwise, improper operation may cause injury or death.

## General Precautions

|                                                                                                  |                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>WARNING</b> | To reduce the risk of serious injury or death, read these instructions thoroughly and follow all warnings or cautions included in all manuals that accompanied the product and are attached to the unit. <i>Refer back to these safety instructions as needed.</i> |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- This system, including this wired remote controller, should be installed by qualified personnel according to local, state and national building and safety codes and regulations. Incorrect installation could cause leaks, electric shock, fire or an explosion. In areas where Seismic Performance requirements are specified, the appropriate measures should be taken during installation to guard against possible damage or injury that might occur in an earthquake. If the unit is not installed appropriately, injuries may occur because of a falling unit.
- Use appropriate Personal Protective Equipment (PPE), such as gloves, protective goggles and electrical protection equipment and tools suited for electrical installation purposes.
- When transporting, be careful when picking up, moving and mounting these units. Although the wired remote controller may be packed using plastic straps, do not use them for transporting from one location to another.  
Do not stand on or put any material on the wired remote controller.
- When connecting the wired remote controller cabling to the units, do not touch or adjust any safety devices inside the indoor or outdoor units. All safety features, disengagement, and interlocks must be in place and functioning correctly before the equipment is put into operation. If these devices are improperly adjusted or tampered with in any way, a serious accident can occur. Never bypass, or short-out any safety device or switch.
- Use only Hitachi genuine replacement parts.
- Hitachi will not assume any liability for injuries or damage caused by not following steps outlined or described in this manual. Unauthorized modifications to Hitachi products are prohibited as they:
  - May create hazards which could result in death, serious injury or equipment damage;
  - Will void product warranties;
  - May invalidate product regulatory certifications.

# 1. Safety Summary

|               |                                                                       |
|---------------|-----------------------------------------------------------------------|
| <b>NOTICE</b> | Take the following precautions to reduce the risk of property damage. |
|---------------|-----------------------------------------------------------------------|

- Do not touch the main circuit board or electronic components in the wired remote controller or remote devices.  
Make sure that dust and/or steam does not accumulate on the circuit board.
- Avoid installing the unit in areas where electromagnetic waves are generated, as Electromagnetic interference (EMI) may cause the equipment to malfunction. Do not install where the waves can directly radiate into the electrical box, wired remote controller cable, or wired remote controller. The operation of the unit may also adversely affect these same devices. Install the unit at least 10 ft. (approximately 3m) away from such devices.
- If the wired remote controller is installed in a location where electromagnetic energy is generated, make sure that the wired remote controller is shielded and cables are run inside conduit tubing.
- If there is a source of electrical interference near the power source, install noise suppression equipment (filter).
- During the test run, check the unit's operation temperature. If the unit is used in an environment where the temperature exceeds the operation limits, it may cause severe damage. Check the operation temperature limits in the manual. If there is no specified temperature, install the unit in a location where the temperature limits are between 0°C to 40°C.
- This manual must be read in conjunction with the installation and operation manuals of other equipment being installed to get a full understanding of the equipment and installation related topics.

## Installation Precautions

|                                                                                                  |                                                                                                                              |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  <b>WARNING</b> | Take the following precautions to reduce the risk of electric shock, fire or explosion resulting in serious injury or death: |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|

- When using the wired remote controller with the built-in temperature sensor, do not install this controller:
  - Where the controller is exposed to direct sunshine.
  - Where the unit is in close proximity to a heat source which will influence the accuracy of temperature control.
  - Where hot/cold air from the outdoors, or a draft from elsewhere (such as air vents, diffusers, or grilles) can influence the accuracy of the detection of the actual room temperature.
- Perform a test run using the controller to ensure normal operation.

After installation work for the system has been completed, explain the "Safety Precautions" use, and maintenance of the unit to the customer according to the information in all manuals that accompanied the system. All manuals and warranty information must be given to the end user for safe keeping and future reference.

## Electrical Precautions



Take the following precautions to reduce the risk of electric shock, fire or explosion resulting in serious injury or death.

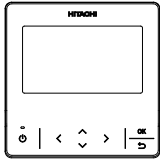
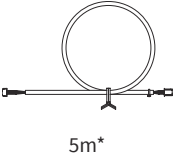
- Only use electrical protection equipment and tools suited for this installation.
- Insulate the wired remote controller against moisture and temperature extremes.
- Use specified cables between units and the wired remote controller.
- If the power cord is damaged, it must be replaced immediately by a suitably qualified tradesperson.
- The polarity of the input terminals is important, so be sure to match the polarity when using contacts that have polarity.
- Highly dangerous electrical voltages may be used in this system. Carefully refer to the wiring diagram and these instructions when wiring. Improper connections and inadequate grounding can cause serious injury or death.
- Before installing the wired remote controller or remote devices, ensure that the system has been turned off, and after five minutes, power supply to the entire system has been isolated. This is to ensure that the system has undergone and completed its proper shut-down process.
- Do not open the service cover or access panel to the indoor or outdoor units without turning OFF the main power supply. Before connecting or servicing the wired remote controller or cables to indoor or outdoor units, open and tag all disconnect switches. Never assume electrical power is disconnected. Verify with a meter and equipment.
- Clamp electrical wires securely with a cable ties after all wiring has been completed. In addition, run wires securely through the wiring access channel.
- Secure the suspended cables at regular intervals, but not too tightly.
- Make sure that the terminals do not come into contact with the surface of the electrical box. If the terminals are too close to the surface, it may lead to failures at the terminal connection.
- Avoid moisture ingress on to and in to the wired remote controller as it could cause electric shock and/or damage the unit.  
Do not use strong detergent such as a solvent. Clean with a soft cloth.

2. Installation Work

2. Installation Work

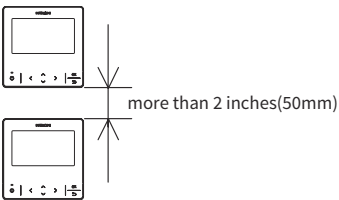
[Before Installation]

(1) This packing contains the following parts.

| Name       | SPX-URFG1                                                                         | Installation & Operation Manual                                                   | Cable                                                                                    | Screw                                                                                           |
|------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Appearance |  |  | <br>5m* | <br>M4 × 16mm |
| Qty.       | 1                                                                                 | 1                                                                                 | 1                                                                                        | 2                                                                                               |

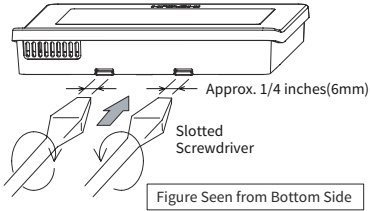
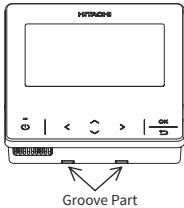
\*: Standard connection cable delivered with the controller: 5m(unshielded);  
Optional cable with 5m length(shielded): SPX-WKT5MS;  
Optional cable with 15m length(unshielded): SPX-WKT15M.

(2) When installing two wired remote controllers one above the other, allow a gap of at least 2 inches(50mm) between the two.



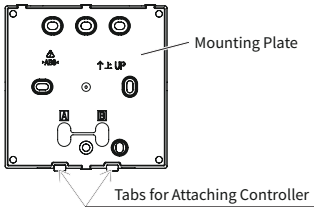
[Installation Procedures]

(1) Insert the edge of the slotted screwdriver into the groove at the bottom of the holding bracket, push and turn the slotted screwdriver to separate and remove the wired remote controller from the mounting plate.



NOTE:

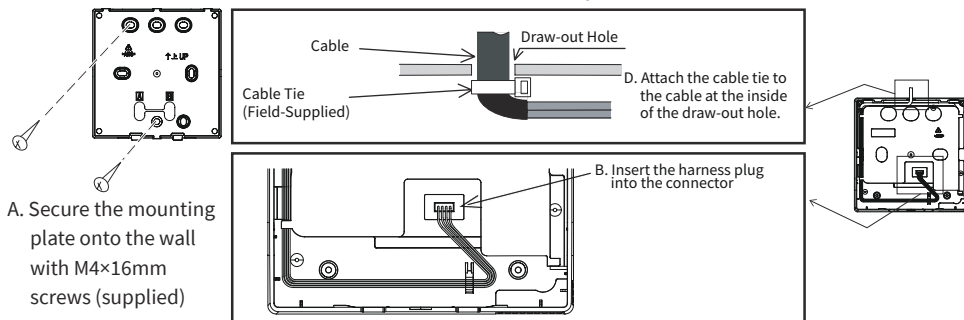
- Do not insert the slotted screwdriver into the tab beside the groove. The tab may be damaged and the advanced color wired remote controller cannot be installed.



## 2. Installation Work

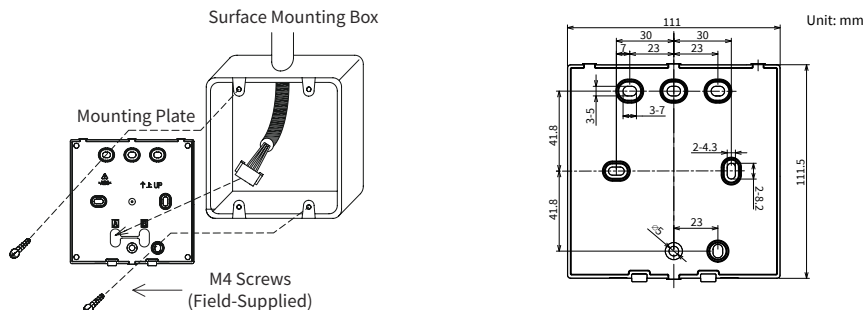
- (2) According to different wired remote controller installation methods, choose one of the following two ways to install the mounting plate and connect the cable.

Method 1: To mount the wired remote controller directly on the surface of a wall:

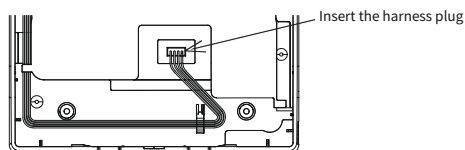


Method 2: to install the wired remote controller on a surface mounting box:

- Prepare the optional field-supplied surface mounting box which can fit the mounting plate.
- Feed the cable through the conduit in the wall.

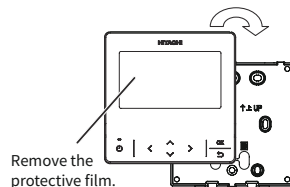


- Insert the harness plug into the connector.



### NOTES:

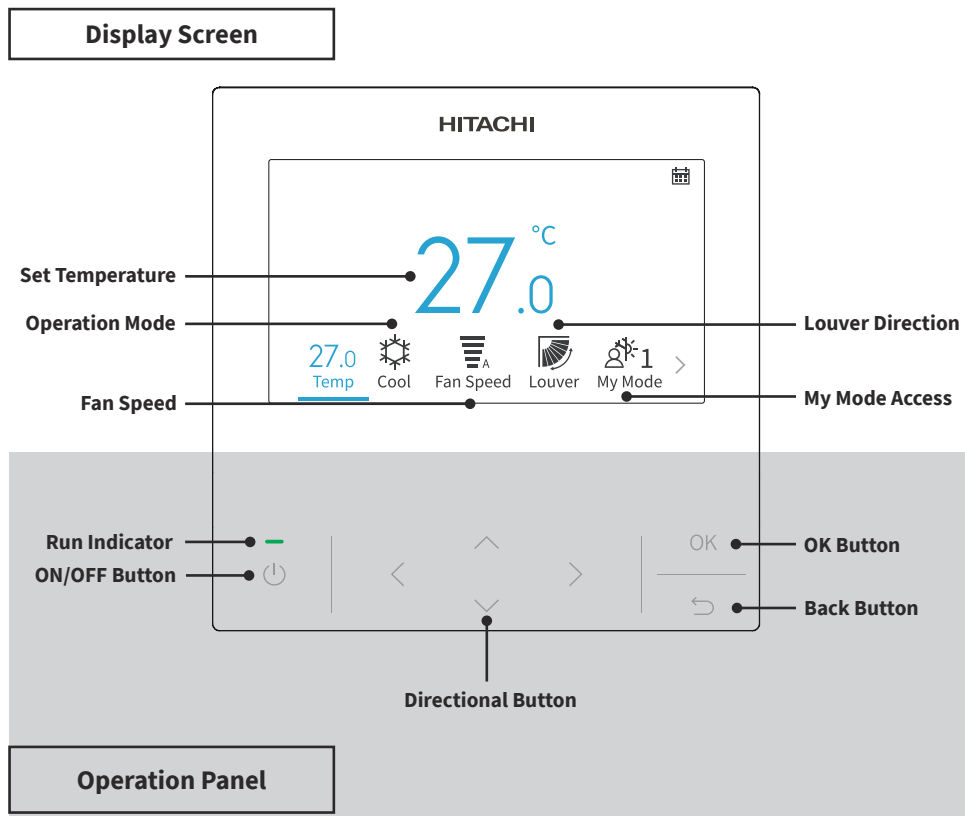
- Pay attention to the path of the connection wiring between the wired remote controller and the indoor or outdoor unit. Run the wiring away from power supply cables and keep a minimum distance of 0.3m with any other electronic or electric device, to avoid any potential jamming electric noise.
  - In case the controller is installed near other electric or electronic devices, use the shielded cable (SPX-WKT5MS, 5m) to connect the wired remote controller to the indoor or outdoor unit.
- (3) Re-attach the wired remote controller body to the controller mounting plate. Be careful not to pinch the cable when attaching it.
- (4) After installation, remove the protective film from the LCD screen.



### 3. Setting Names and Functions

## 3. Setting Names and Functions

The figure below shows all the functions for reference. The actual display during operation is different.



#### NOTES:

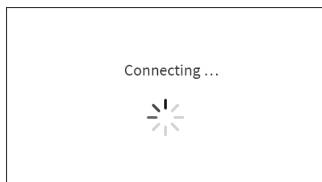
- If the screen is off or the backlight is dim, press any button to re-energise the screen.
- Make sure to press the buttons lightly with your fingertips.
- Do NOT press the buttons with any sharp objects as it may damage the button.

## 4. Operation Method

### 4.1 Basic Procedures

#### 1. Initialisation screen

When power is supplied to the system, the screen below is displayed when the wired remote controller is establishing communication with the indoor unit.



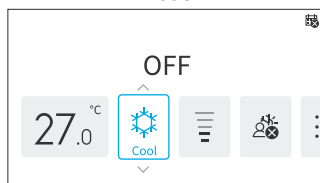
#### 2. Air Conditioner OFF

When air conditioner is off, press "<" or ">" to switch between the settings below:  
 "Temperature" ↔ "Mode" ↔ "Fan Speed" ↔ "My mode" ↔ "Menu". (The louver/Swing icon is not displayed when the system is turned off.)

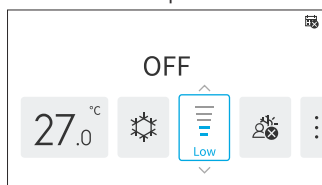
Temperature



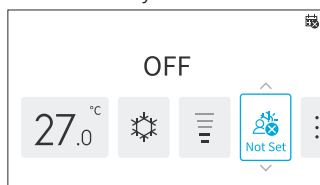
Mode



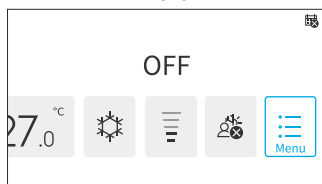
Fan Speed



My mode



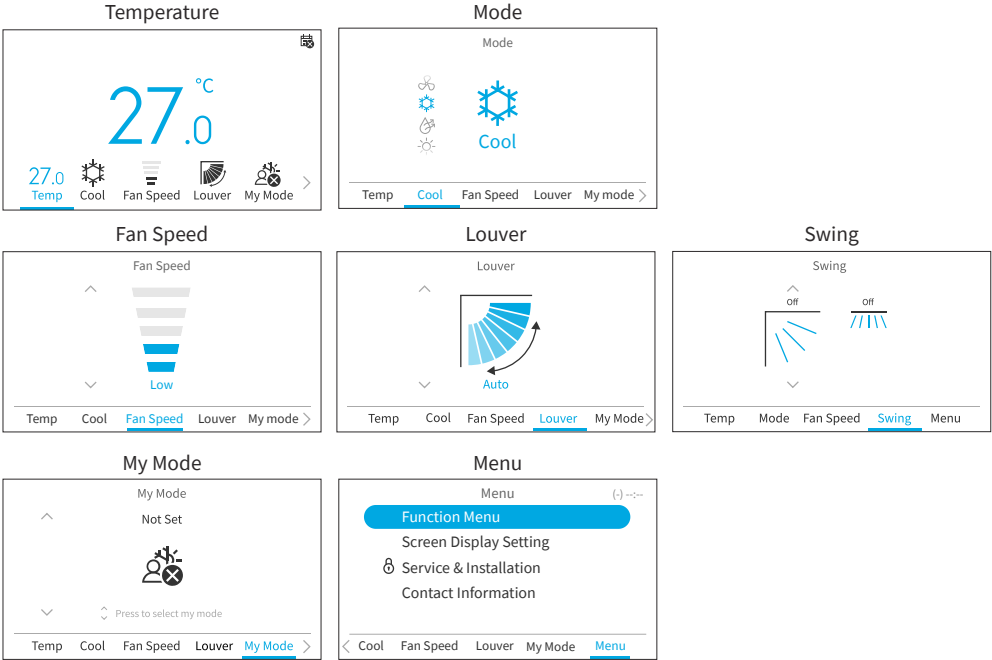
Menu



# 4. Operation Method

## 3. Air Conditioner ON

When air conditioner is on, press "<" or ">" to switch between the settings below:  
 "Temperature" ↔ "Mode" ↔ "Fan Speed" ↔ "Louver"/"Swing"\* ↔ "My mode" ↔ "Menu".  
 \*: The display of "Louver" or "Swing" depends on the indoor unit models.

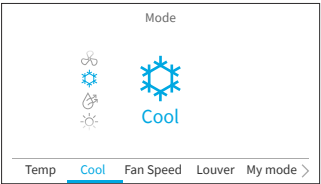


## 4.2 Operation Mode

Heat mode is only available when the system is capable of both cooling and heating. The Heat icon is not displayed on cooling only systems.

### 1. Operation mode setting

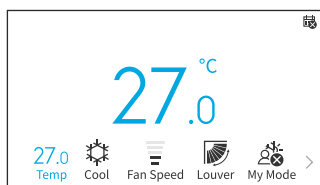
Step1. Press "<" or ">" to select "Mode".



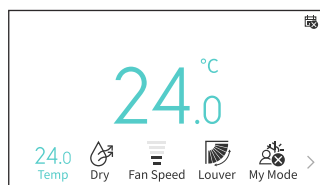
Step2. Set the operation mode with "▲" or "▼". The operation mode is switched in the following order:

"Cool" ↔ "Dry" ↔ "Heat" ↔ "Auto" ↔ "Fan"

Cool Mode



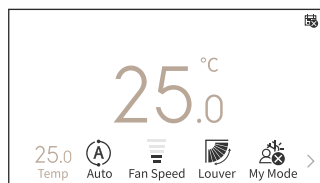
Dry Mode



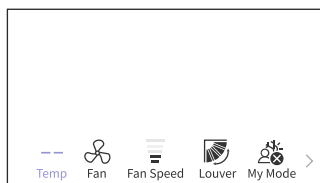
Heat Mode



Auto Mode



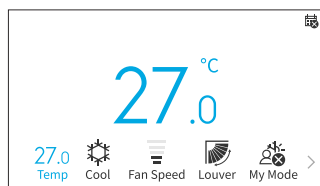
Fan Mode



## 4.3 Temperature Setting

### 1. Temperature setting

Step1. Press "<" or ">" to select "Temp".



Step2. By pressing "▲", the temperature is increased in increments of 0.5°C(1°F) to a maximum of 32°C(90°F).  
By pressing "▼", the temperature is decreased in decrements of 0.5°C(1°F) to a minimum of 16°C(60°F).  
In Leave Home mode, the setting temperature range is 10°C(50°F) to 16°C(60°F).

#### NOTES:

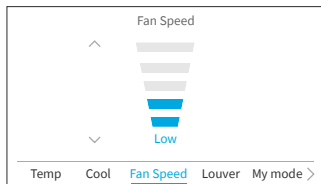
- Depending on the type and setting of the indoor unit, it may not be possible to set the temperature by 0.5°C.
- Cooling and heating set temperature ranges can be restricted through the Service menu.
- Contact your Hitachi service agent for assistance with setting the "Temperature Range Restriction" functions.

## 4. Operation Method

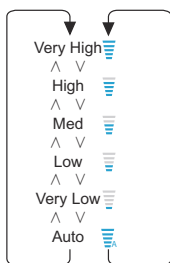
### 4.4 Fan Speed Setting

1. This function is used to set fan speed.

Step1. Press "<" or ">" and select "Fan Speed".



Step2. By pressing "^" or "v", the fan speed changes as follows.



#### NOTES:

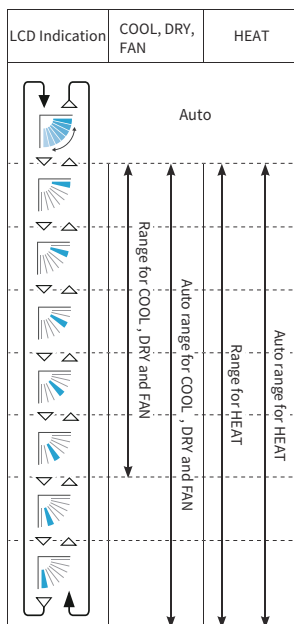
- During Dry operation, the fan speed can only be changed to "Very Low", "Low" and "Auto".
- During Fan mode, "Auto" fan speed is not available.
- The number of Fan Speed level may change depending on indoor unit models.

## 4.5 Louver/Swing Direction

1. The air flow direction displays as "Louver" style or "Swing" style depending on indoor unit model.
2. This function is used to set the louver/swing direction and is only applicable to indoor units that have an oscillating louver/swing.

### Louver

- Step1. Press "⏻" (On/Off). Make sure that the air conditioner is ON. Press "<" or ">" and select "Louver".
- Step2. By pressing "^" or "v", the louver direction changes as below diagram, and the direction of different types of louver is displayed differently.



: Auto operation is active. At this time, the louver swings repeatedly on the LCD.

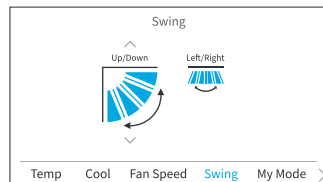
### NOTES:

- The louver position on the LCD and the actual louver position may not match during the Auto-Swing.  
To set the louver positions, set the angle after checking the position on the LCD.
- The louver may NOT stop immediately after the button is pressed.

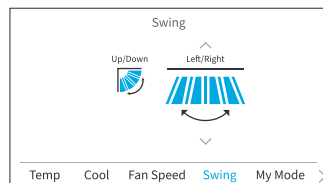
## 4. Operation Method

### Swing

- Step1. Press "⏻" (On/Off). Make sure that the air conditioner is ON. Press "<" or ">" and select "Swing".
- Step2. By pressing "^" or "v", the swing direction changes between "Up/Down" and "Off".



- Step3. Press ">" to move the focus to the "Left/Right". By pressing "^" or "v", the swing direction changes between "Left/Right", "Wide Reach" and "Off".



### NOTES:

- "Wide Reach" is available only if the indoor unit supports wide air flow feature.
- Left/right swing setting may not be available depending on indoor unit model.

## 4.6 My Mode

My mode offers swift configuration by allowing users to choose from pre-set options based on their preferences. Users can configure up to three modes, adjusting settings such as temperature, operation mode, fan speed, louver direction, and ON/OFF timer for each mode.

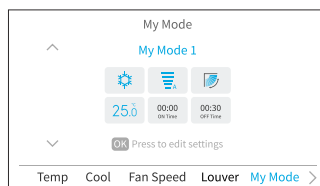
If My Mode is enabled in Function Menu(refer to **"6.12 My Mode Setting"**), press "<" or ">" to select "My Mode" on home screen.

### NOTES:

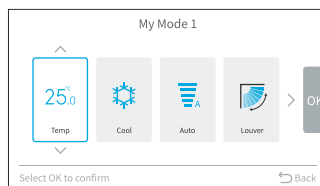
- When My Mode 1/My Mode 2/My Mode 3 is selected, "Simple Timer" in Function Menu will be disabled.
- When "GoodSleep Timer" or "Leave Home" is set, "My Mode" is changed to "Not Set" automatically.

a. When the air conditioner is ON

- Step1. Press "^" or "v" to switch the mode selection as follow:  
 "Not Set" ↔ "My Mode 1" ↔ "My Mode 2" ↔ "My Mode 3".  
 Press "OK" to change the detailed settings of My Mode.



- Step2. Press "<" or ">" to select the setting item, then press "^" or "v" to change the setting of each item.

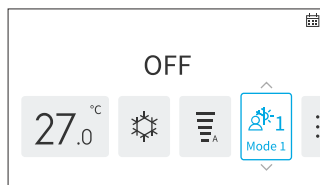


### NOTE:

- The "ON Time"/"OFF Time" on My Mode 1/My Mode 2/My Mode 3 screen is the ON/OFF time of Simple Timer. The air conditioner will be turned ON/OFF every day according to this setting.

b. When the air conditioner is OFF

- Step1. Press "^" or "v" to switch the mode selection as follow:  
 "Not Set" ↔ "My Mode 1" ↔ "My Mode 2" ↔ "My Mode 3".  
 To change the detailed mode setting, please go to "My Mode" in "Function Menu".



## 4. Operation Method

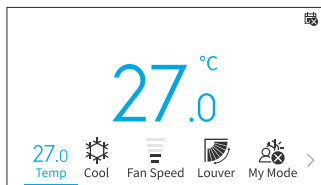
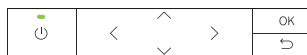
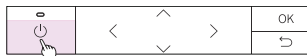
### 4.7 Operation

#### 4.7.1 Operation Start

1. To turn the system on.

Step1. Press "⏻" (On/Off).

→ The run indicator LED turns on and the operation starts.

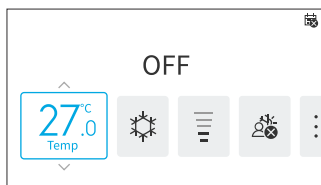
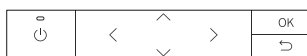


#### 4.7.2 Operation Stop

1. To turn the system off.

Step1. Press "⏻" (On/Off).

→ The run indicator turns off and the operation stops.



#### NOTE:

- After the heating operation is stopped, the fan may continue to run for about 2 minutes to dissipate residual heat within the unit.

## 4.8 Icon Description

The status of the wired remote controller is displayed on the operation screen.

### NOTES:

- It may not be displayed depending on the type of outdoor unit or indoor unit you are using.
- If there are multiple status, the high priority icon is displayed first.

| No. | Icon                                                                                | Description                                                                                                                                                                               |
|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   |    | A schedule timer is set.                                                                                                                                                                  |
| 2   |    | The current time has not been set. Schedule timer operation is not possible.                                                                                                              |
| 3   |    | The keypad is locked.                                                                                                                                                                     |
| 4   |    | The operation lock is set.                                                                                                                                                                |
| 5   |    | Displayed when using the central wired remote controller. Control through the wired remote controller may be restricted depending on the settings of the central wired remote controller. |
| 6   |    | The FrostWash cycle is due to be run.                                                                                                                                                     |
| 7   |    | It is time to clean the air filter.                                                                                                                                                       |
| 8   |    | Displays the room temperature.                                                                                                                                                            |
| 9   |    | GoodSleep timer is activated.                                                                                                                                                             |
| 10  |    | SleepSense is activated.                                                                                                                                                                  |
| 11  |    | Powerful operation starts.                                                                                                                                                                |
| 12  |    | Leave Home is set.                                                                                                                                                                        |
| 13  |  | Silent is set.                                                                                                                                                                            |
| 14  |  | Internal clean is set.                                                                                                                                                                    |
| 15  |  | Ioniser AqtiV-Ion is set.                                                                                                                                                                 |
| 16  |  | ECO Auto-Off is in operation.                                                                                                                                                             |
| 17  |  | Standard ECO mode operation is set.                                                                                                                                                       |
| 18  |  | Powersafe mode is set.                                                                                                                                                                    |
| 19  | External Device                                                                     | Displayed when Forced Cooling is running or WRC is controlled by external device, e.g. central wired remote controller.                                                                   |
| 20  | Forced Cooling                                                                      | Displayed when Forced Cooling is running.                                                                                                                                                 |
| 21  | Central Control                                                                     | Displayed when using the central controller. Remote controller operation is restricted.                                                                                                   |

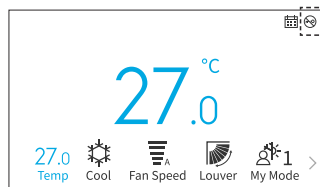
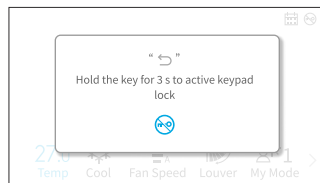
## 4. Operation Method

| No. | Icon                             | Description                                                                                                                  |
|-----|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 22  | Change the Gas Leak Sensor       | Displayed when gas sensor lifespan is run out and to remind replacement of gas sensor.                                       |
|     | Check Contact Info. in menu list | Each of blow messages display for 1 second with below order, then repeat from No.1 message:<br>1. Change the Gas Leak Sensor |
|     | Blank                            | 2. Check Contact Info. in menu list<br>3. Blank                                                                              |

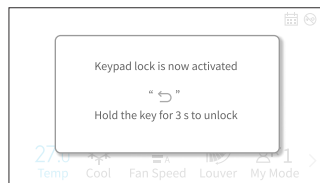
### 4.9 Keypad Lock

This function is to lock all touch key on home screen.

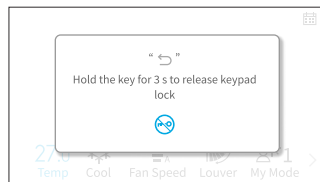
- Step1. On Home off/on screen, press and hold "↵" for 3 seconds to active keypad lock. The icon "🔒" shows on the home screen to indicate that the keypad is locked.



- Step2. During keypad lock, a reminder is pop upped if press any buttons.



- Step3. To release the keypad lock, press and hold "↵" for 3 seconds and the icon "🔒" disappeared.



#### NOTE:

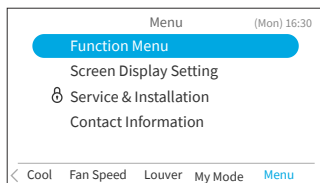
- Keypad lock function only can be activated and deactivated on home screen.

## 5. Menu Operation

### NOTES:

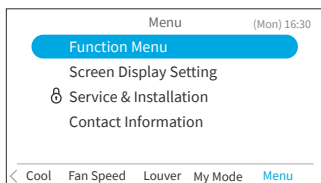
- If "⊗" is displayed and grayed out, these functions are not available and cannot be set.
- Once the indoor unit connected with wired remote controller is changed, the previous setting data on the controller must be cleared first. For clear details, please refer to "**Remote Controller auto-test**" on service manual.

Press "<" or ">" at home screen to select "Menu".

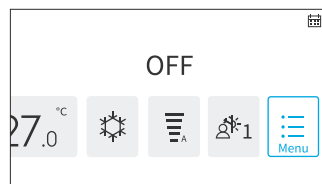


When the air conditioner is ON:

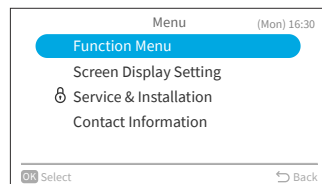
- The "Menu" screen is displayed.



When the air conditioner is OFF:



- Select "Menu" and press "OK".
- The "Menu" screen is displayed.



- About the Function Menu, please refer to "**6. Function Menu Screen Display**".
- About the Display Settings, please refer to "**7. Screen Display Setting**".

## 6. Function Menu Screen Display

## 6. Function Menu Screen Display

Various function settings are shown in this chapter.

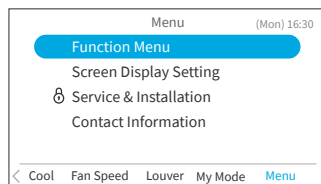
For how to enter the Menu screen, please refer to **"5. Menu Operation"**.

### NOTES:

- Some functions cannot be set depending on the type, configuration, and usage status of the indoor unit.
- If a function with "⊘" is displayed, it means that the function setting is disabled to be changed.

### 1. Display the function menu

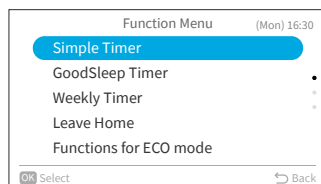
- Step1. Select the "Function Menu" and press "OK".  
→ The "Function Menu" screen is displayed.



- Step2. Press "∧" or "∨" to select the item to set and press "OK".

Press "↶" to return to the "Menu" screen.

- If the "Function Menu" screen remains unchanged for approximately 10 minutes, the screen returns to the home screen.
- Various settings are retained even when the power is turned off.



### 6.1 Simple Timer

This function is used to start or stop the unit operation at the set time within one day. The timer operation contents can be set from "Not Used", "Once", or "Everyday".

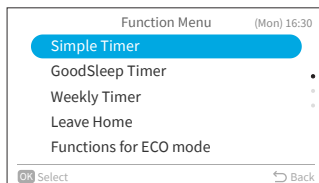
### NOTES:

- If "Once" on the timer operation setting is selected, the setting reverts automatically to "Not Used" after the "Once" timer program has been executed.
- Do not set the same time for both ON/OFF timers.
- Scheduled operation (stop) is not possible while the remote control is prohibited.
- When "⊘" is displayed, scheduled operation (stop) is not available.
- Refer to **"7.1 Adjusting Date/Time"** to set the date and time.
- The timer is controlled by this wired remote controller.
- The timer lamp of indoor unit does not turn on.
- During "Simple timer" operation, if "Leave Home" or "GoodSleep Timer" operation is started, the setting will be automatically changed to "Not Used".
- "Simple Timer" cannot be set in "Leave Home" or "GoodSleep Timer" operation.

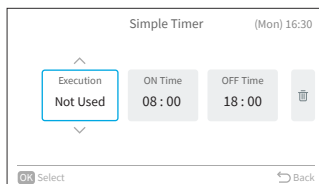
## 6. Function Menu Screen Display

### 1. Set the simple timer.

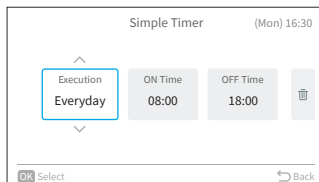
- Step1. Select "Simple Timer" on the "Function Menu" screen and press "OK".  
When the current time has not been set yet, the "Adjusting Date/Time" setting screen is displayed.



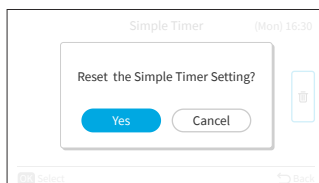
- Step2. Press "<" or ">" to select the item to be set:  
"Execution" ↔ "ON Time" ↔ "OFF Time" ↔ "🗑️".



- Step3. Press "^" or "v" to set each item.  
After setting, press "↵" to confirm the settings and the screen returns to the "Function Menu" screen.



- When "Execution" is selected, press "^" or "v" to switch the setting items as follows:  
"Not Used": the on and off time of the system will not be executed.  
↔ "Once": the on and off time of the system will be executed for one time.  
↔ "Everyday": the on and off time of the system will be executed everyday.
- When "ON Time" or "OFF Time" is selected, the setting time can be adjusted in 10-minute increments by pressing "^" or "v".
- When "🗑️" is selected and press "OK", the confirmation screen is displayed.  
If you select "Yes", the simple timer settings are discarded and the screen returns to Step2.  
If you select "Cancel", the screen still returns to Step2.



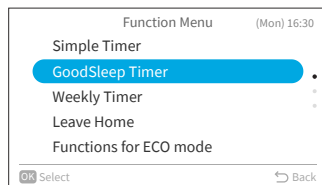
## 6. Function Menu Screen Display

### 6.2 GoodSleep Timer

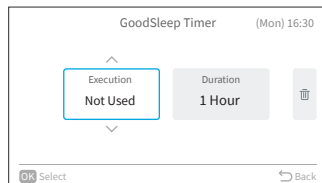
This function is Off Timer operation to stop the operation if preset time has passed when you sleep.

#### 1. Set the GoodSleep Timer.

- Step1. Select "GoodSleep Timer" on the "Function Menu" screen and press "OK".  
When the current time has not been set yet, the "Adjusting Date/Time" setting screen is displayed.

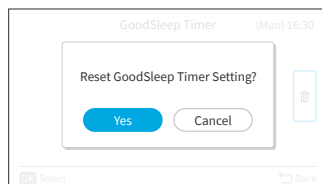
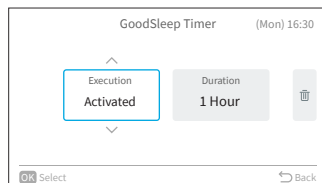


- Step2. Press "<" or ">" to select the item to be set:  
"Execution" ↔ "Duration" ↔ "⌵".

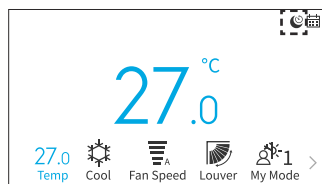


- Step3. Press "^" or "v" to set each item.  
After setting, press "↵" to confirm the settings and the sleep timer operation will be started, the screen returns to the "Function Menu" screen.

- When "Execution" is selected, press "^" or "v" to switch the setting items as follows:  
"Not Used" ↔ "Activated".
- When "Duration" is selected, the duration time can be adjusted: 1↔2↔3↔7.
- When "⌵" is selected and press "OK", the confirmation screen is displayed.  
If you select "Yes", the GoodSleep Timer settings are discarded and the screen returns to Step2.  
If you select "Cancel", the screen still returns to Step2.



- After GoodSleep timer is activated, you will see an icon "☺" displayed on the home screen.

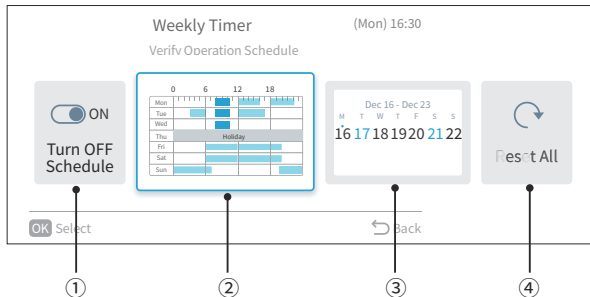


### NOTES:

- You can set the time of the GoodSleep timer operation within the time range before "ON Time"(Simple Timer) preset time.
- When the timer is set, this wired remote controller will send the sleep timer information to indoor unit and the timer lamp of indoor unit turns on.
- "GoodSleep Timer" cannot be set or will be cancelled if "Leave Home" is set.
- If "GoodSleep Timer" is set, "Powerful", "SleepSense" and "Silent" will be cancelled.
- If "GoodSleep Timer" is set, "Simple Timer" and "Weekly Timer" setting cannot be set, but the preset "ON Time" of Simple Timer and Weekly Timer are still valid.

### 6.3 Weekly Timer

This function is used to automatically start or stop the unit operation at the set time. The temperature can also be set. Up to 5 schedules can be set for each day of the week.



- ① Schedule turn ON/OFF setting (Page 22)  
This function is used to enable or disable the operation schedules. If disabled-Turn OFF Schedule, the operation schedules are not executed - for example, during extended holidays.
- ② Schedule day and time setting (Page 23)  
The desired time and temperature can be set.  
Set up to 5 schedules per day.
- ③ Schedule holiday setting (Page 24)  
Holidays can be set six days in advance.  
On the days set as holidays, scheduled operation is not executed for the entire day.  
It is used when there are irregular off days such as holidays.
- ④ Reset setting (Page 25)  
The schedule day/time setting and holiday setting are deleted.

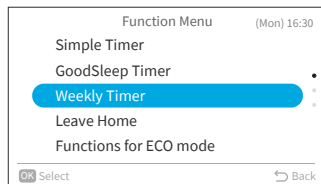
## 6. Function Menu Screen Display

### 6.3.1 Schedule Turn ON/OFF Setting

#### 1. Set schedule ON / OFF

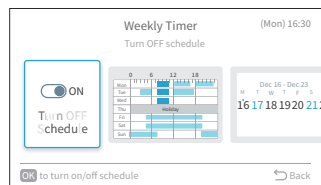
Step1. Select "Weekly Timer" on the "Function Menu" screen and press "OK".

- If the current time is not set, the "Adjusting Date/Time" setting screen is displayed.
- If no schedule or holiday has been set, Step3 of 6.3.2 is displayed.



Step2. Press "<" or ">" to select "Turn ON/OFF Schedule", and then press "OK".

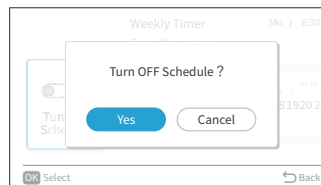
- When the schedule is ON, "Turn OFF Schedule" confirmation screen is displayed. When schedule is OFF, "Turn ON Schedule" confirmation screen is displayed.



Step3. Select "Yes" by pressing "<" or ">" and then press "OK".  
→ Confirm the schedule enable/disable setting and return to Step2.

→ The indicator "📅" turns on when the schedule is ON.

→ The indicator "📅" turns off when the schedule is OFF.



## 6. Function Menu Screen Display

### 6.3.2 Schedule Day and Time Setting

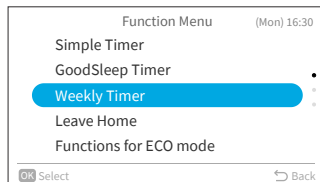
#### NOTES:

- Scheduled operation (stop) is not possible when the remote control is prohibited.
- When "68" is displayed, scheduled operation (stop) is not available.
- Refer to **"7.1 Adjusting Date/Time"** to set the date and time.

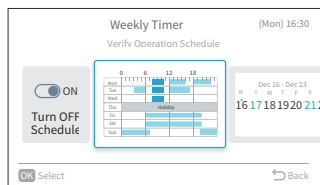
#### 1. Set schedule day and time

Step1. Select "Weekly Timer" on the "Function Menu" screen and press "OK".

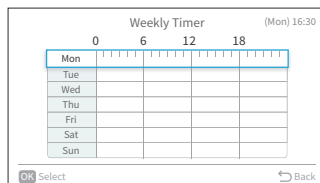
- If the current time is not set, the "Adjusting Date/Time" setting screen is displayed.
- If no schedule or holiday has been previously set, Step3 is displayed.



Step2. Press "<" or ">" to select "Verify Operation Schedule", and then press "OK".

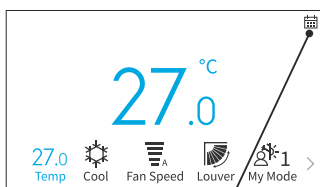
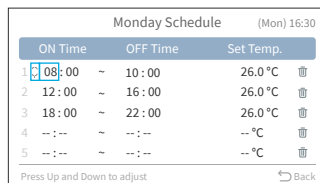


Step3. Select the day of the week (from Mon. to Sun.) to be set with "^" or "v", and press "OK".



Step4. Press "^" or "v" to select schedule timer No.1 to No.5, and press "<" or ">" to select "ON Time" ↔ "OFF Time" ↔ "Set Temp." ↔ "100". By pressing "^" or "v", "ON / OFF Time" and "Set Temp." can be set.

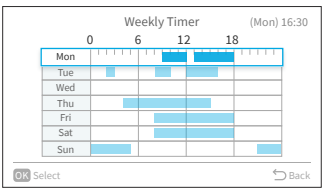
- 5 different schedule timers (maximum) can be set for each day of the week.
- Press "OK" to display the schedule time setting screen for the next day of the week.
- Select "100" and press "OK" to delete the settings of "ON / OFF Time" and "Set Temp". Press "↵" to return to Step3.



The icon displayed indicates that the weekly timer is set and activated.

6. Function Menu Screen Display

Step5. "■"(operation) and "□"(stop) are displayed on the screen.  
To copy the setting contents of the previous day, press "<" and "OK" simultaneously. Select the other day and press "<" and "OK" simultaneously again to paste the copy based schedule.



6.3.3 Schedule Holiday Setting

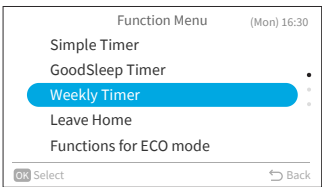
NOTES:

- Holiday period can be set to avoid running the weekly timer setting during this period.
- Holiday period is defined by day.
- The schedule icon is not displayed if the current day is set as holiday.

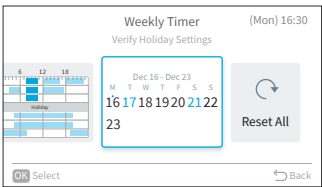
1. Set schedule holiday

Step1. Select "Weekly Timer" on the "Function Menu" screen and press "OK".

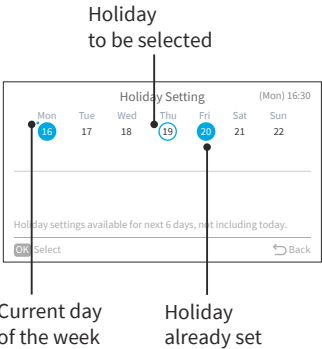
- If the current time is not set, the "Adjusting Date/Time" setting screen is displayed.
- If no schedule or holiday has been set, Step3 is displayed.



Step2. Press "<" or ">" to select "Verify Holiday Settings", and then press "OK".



Step3. Select the day of the week (from Mon. to Sun.) to set as a holiday by pressing "^" "v" "<" or ">".  
Press "OK" to select "Holiday setting" or "Cancel".  
"●" indicates the current day of the week.  
"○" indicates the holiday to be selected.  
"●" indicates the holiday already set.  
Press "↶" to confirm the setting and return to Step2.

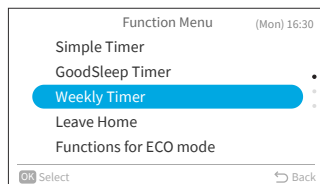


## 6.3.4 Reset the Setting

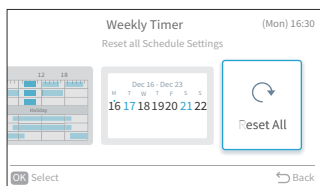
## 1. Reset the setting

Step1. Select "Weekly Timer" on the "Function Menu" screen and press "OK".

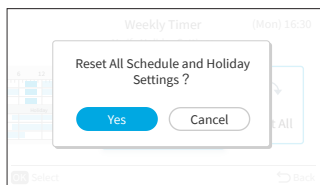
- If the current time is not set, the "Adjusting Date/Time" setting screen is displayed.
- If no schedule or holiday has been set, Step3 of "**6.3.2 Schedule Day and Time Setting**" is displayed.



Step2. Press "<" or ">" to select "Reset All" and then press "OK".



Step3. Select "Yes" by pressing "<" or ">" and then press "OK". All schedule and holiday settings are reset, and the screen returns to Step3 of "**6.3.2 Schedule Day and Time Setting**".



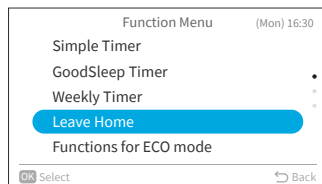
## 6. Function Menu Screen Display

### 6.4 Leave Home

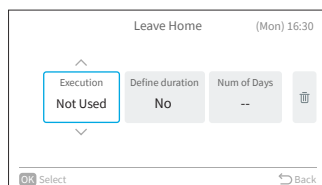
Prevent the room temperature from falling too much when no one is at home. The initial setting temperature is 10°C and the temperature range can be set between 10°C and 16°C.

#### 1. Set the Leave Home.

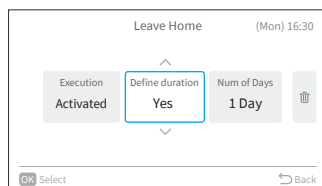
- Step1. Select "Leave Home" on the "Function Menu" screen and press "OK".
- If the current time is not set, the "Adjusting Date/Time" setting screen is displayed.



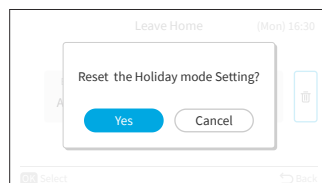
- Step2. Press "<" or ">" to select the item to be set: "Execution" ↔ "Define duration" ↔ "Num of Days" ↔ "⌂".



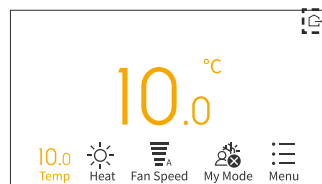
- Step3. Press "^" or "v" to set each item. After setting, press "↵" to confirm the settings, the leave home operation will be started and the screen returns to the "Function Menu" screen.



- When "Execution" is selected, press "^" or "v" to switch the setting items as follows: "Not used" ↔ "Activated".
- When "Define duration" is selected, press "^" or "v" to switch the setting items as follows: "Yes" ↔ "No".
- When "Num of Days" is selected, the days can be adjusted in 1-day increments by pressing "^" or "v" to a maximum of 99 days.
- When "⌂" is selected and press "OK", the confirmation screen is displayed. If you select "Yes", the holiday mode settings are discarded and the screen returns to Step2. If you select "Cancel", the screen still returns to Step2.



- After Leave Home is activated, you will see an icon  displayed on the home screen.



## 6. Function Menu Screen Display

### NOTES:

- The timer is controlled by this wired remote controller.
- The timer lamp of indoor unit does not turn on.
- Number of day is counted when clock indicates 00:00.
- During leave home operation, fan speed cannot be changed and louver/swing icon is hidden.
- After reaching the set number of operation days for leave home or leave home operation is canceled, the unit will operate in previous mode.
- If "Leave Home" is set, "Simple timer", "Weekly timer", "GoodSleep Timer", "Powerful", "Standard ECO mode"/"ECO mode with Auto-Off", "SleepSense" and "Silent" operations will be cancelled and cannot be set.
- For multi connection:
  - Fan/Cool/Dry and leave home cannot operate at the same time. The first-run unit has a priority and other units in different mode will be in standby mode.
  - Heating operation can be used with leave home.
  - When two or more rooms are set to operate leave home, the temperature set by leave home may not be reached. It also depends on outdoor temperature.

## 6.5 Functions for ECO mode

Functions for ECO mode serves to activate or deactivate energy-saving control features on the indoor unit. This includes three modes: "Standard ECO mode," "ECO mode with Auto-Off," and "PowerSafe mode."

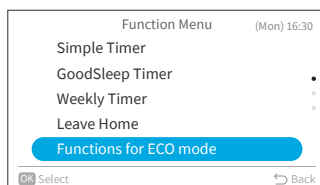
The availability of these features depends on the specific indoor unit model, whether it has motion sensors or not. For more detailed information, please consult your indoor unit's user manual.

### 1. Set Standard ECO mode.

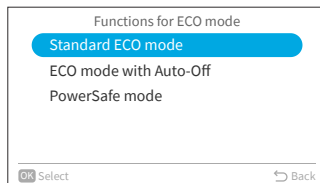
This function optimizes energy usage by automatically adjusting the indoor unit set temperature and limiting maximum power consumption.

It is available for indoor units with or without motion sensors.

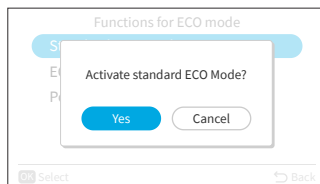
- Step1. Select "Functions for ECO mode" on the "Function Menu" screen and press "OK".



- Step2. Select "Standard ECO mode" and press "OK".

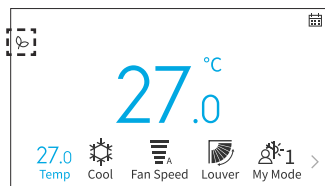


- Step3. Select "Yes" and press "OK" to activate Standard ECO mode.



## 6. Function Menu Screen Display

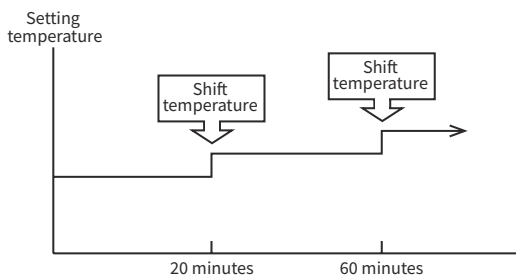
- After enabling this mode, you will see an ECO icon "ECO" displayed on the home screen.
- When this feature is activated, the indoor unit will shift the set temperature twice: first after 20 minutes and then again after 60 minutes to save energy. For models without motion sensors, energy-saving control begins immediately.
- For models equipped with motion sensors, energy-saving control will activate when no people are detected.



### NOTES:

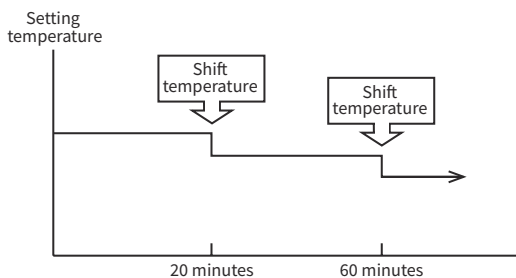
- "Standard ECO mode" operation will not be effective when power consumption is low.
- When "Standard ECO mode" is set, "Fan" mode cannot be set.
- When "Powerful", "SleepSense" or "Fan mode" operation is set or the unit is off, "Standard ECO mode" operation will be cancelled.
- After unit auto restart, "Standard ECO mode" operation is canceled and previous operation mode shall start.
- The energy saving effect of "Standard ECO mode" depends on operation conditions.
- Control diagram is as follow:

Standard ECO mode Control Diagram



Cooling operation

[Diagram representation for illustrative purpose only]



Heating operation

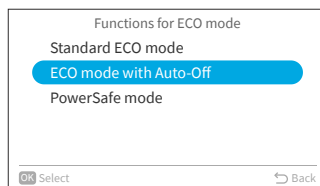
[Diagram representation for illustrative purpose only]

## 6. Function Menu Screen Display

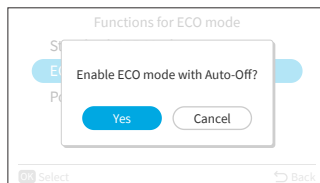
### 2. Set ECO mode with Auto-Off.

This function is available with indoor unit models equipped with motion sensor. Adjusts the set temperature when "no people are in the room" then automatically turns off after a set time for energy saving.

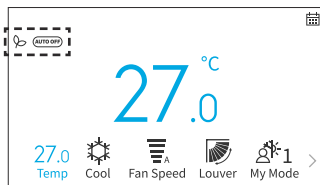
- Step1. Press "^" or "v" to select "ECO mode with Auto-Off" on the "Functions for ECO mode" screen and press "OK".



- Step2. Select "Yes" and press "OK" to enable ECO mode with Auto-Off.



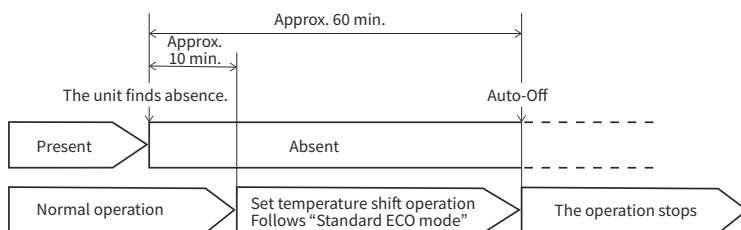
- After enabling this mode, "ECO" and "AUTO OFF" are displayed on the home screen. The sensor starts to detect the presence of people in the room.
- If no people are detected for 20 minutes, the set temperature automatically adjusts for energy savings. In the absence of any occupants for 60 minutes, the unit will go to Standby mode.
- The unit reverts to its regular operation when the sensor detects human movement.



#### NOTE:

- Please be aware that the air conditioner may shut off unexpectedly in the following scenarios. Therefore, recommend not to enable the "ECO mode with Auto-Off" setting in the situations as below:
  - When a person is present in an area where the human sensor cannot detect their presence.
  - When there is a sleeping person, especially an infant or young child.
  - When only a pet is present.

ECO mode with Auto-Off Control Diagram



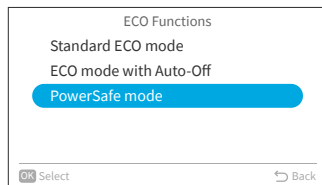
[Diagram representation for illustrative purpose only]

## 6. Function Menu Screen Display

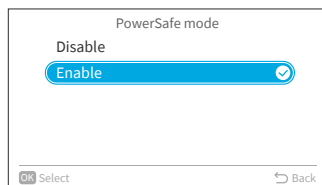
### 3. Set PowerSafe mode.

This function limit the maximum current during the operation of Air conditioner so it will help to avoid breaker trips if maximum current reaches to breaker limit. It limits the electrical current during operation.

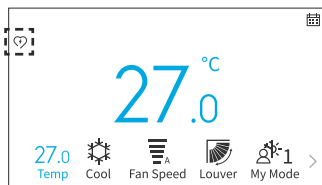
- Step1. Press "^" or "v" to select "PowerSafe mode" on the "Functions for ECO mode" screen and press "OK".



- Step2. Press "^" or "v" to select "Enable" and press "OK" to enable PowerSafe mode.



After enabling this mode, you will see a PowerSafe icon "♥" displayed on the home screen.



#### NOTES:

- PowerSafe mode icon will be visible in all modes if it is set. It is one time setting to use this function.
- This function will limits the maximum current drawn by air conditioner by reducing the speed of the compressor, you may feel less cooling or heating performance compare to normal mode. If you feel uncomfortable, please disable PowerSafe mode.
- At heating operation or cooling operation during PowerSafe setting, maximum capacity will decrease.

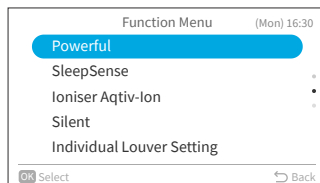
## 6.6 Powerful

"Powerful" operation is set during operation (Auto, Heat, Cool, Dry, and Fan), the air conditioner performs at the maximum power.

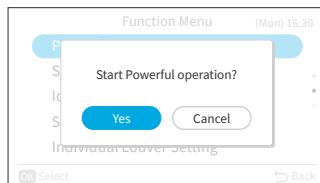
During "Powerful" operation, cooler or warmer air will be blown out from indoor unit for Cool or Heat operation respectively.

### 1. Set Powerful operation.

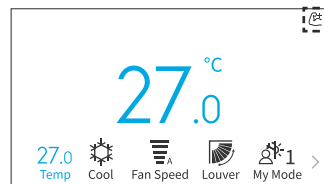
- Step1. Select "Powerful" on the "Function Menu" screen and press "OK".



- Step2. Select "Yes" and press "OK" to start powerful operation.  
Powerful operation ends in 20 minutes. Then the system automatically operates with the previous settings used before powerful operation.



After powerful operation is started, you will see an icon "P+" displayed on the home screen.



### NOTES:

- When "Leave Home", "Standard ECO mode", "ECO mode with Auto-Off", "SleepSense" or "Silent" operation is set or the unit is off, "Powerful" operation will be cancelled.
- In "GoodSleep Timer", "Leave Home" operation or the unit is off, "Powerful" operation cannot be set.
- During "Powerful" operation, capacity of the air conditioner will not increase,
  - if the air conditioner is already running at maximum capacity.
  - just before defrost operation (when the air conditioner is running in heating operation).
- For multi model connections, "Powerful" operation may not function depending on operation conditions.

## 6. Function Menu Screen Display

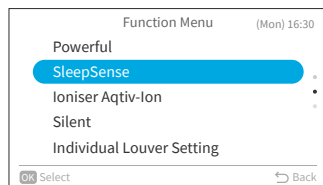
### 6.7 SleepSense

This function is to start/stop SleepSense function.

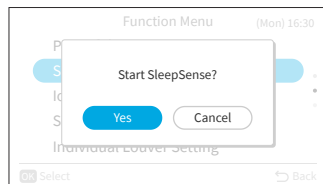
- At first, unit will operate cooling mode for 60 minutes at setting condition.
- With the motion sensor, the room air conditioner can monitor human movement. If no human movement is detected, then the temperature will increase by 1°C (in case of cooling operation) automatically and the fan speed will be changed to silent fan speed. Unit continues running for another 1 hour.
- If the condition of activity in the room is stable then the unit will continue running with the temperature increased by another 1°C (in case of cooling) respectively.
- During the SleepSense operation, if big activity /movement is detected, the temperature and Fan speed will resume back to previous setting.
- During the SleepSense operation, if small activity /movement is detected, the temperature will decreased by 1°C.

#### 1. Set SleepSense.

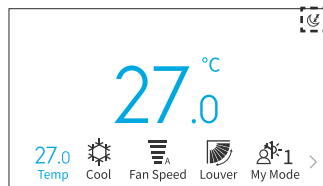
Step1. Select "SleepSense" on the "Function Menu" screen and press "OK".



Step2. Select "Yes" and press "OK" to start SleepSense.



After SleepSense operation is started, you will see an icon "☾" displayed on the home screen.



#### NOTES:

- In "GoodSleep Timer", "Leave home", "Auto"/"Fan"/"Dry" operation or the unit is off, "SleepSense" operation cannot be set.
- When "Powerful", "Leave Home", "Standard Eco mode" or "Eco mode with Auto-Off" is set or the unit is off, "SleepSense" operation will be cancelled.

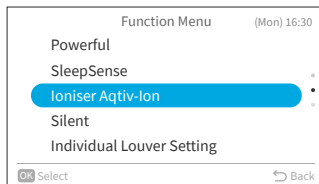
## 6.8 Ioniser Aqtiv-Ion

This function is to start / stop Ioniser connected with indoor unit.

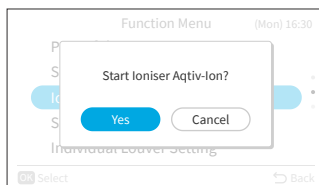
Ionisers emit negatively charged particles that bind to airborne pollutants in the room and inactivate them. Ioniser Aqtiv-Ion can be operated in any mode.

### 1. Set Ioniser Aqtiv-Ion.

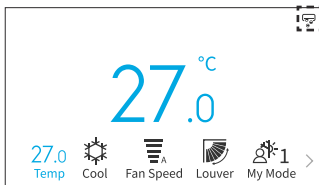
- Step1. Select "Ioniser Aqtiv-Ion" on the "Function Menu" screen and press "OK".



- Step2. Select "Yes" and press "OK" to start Ioniser Aqtiv-Ion.



After Ioniser Aqtiv-Ion is started, you will see an icon "☼" displayed on the home screen.



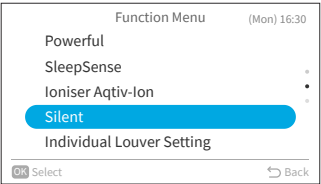
## 6. Function Menu Screen Display

### 6.9 Silent

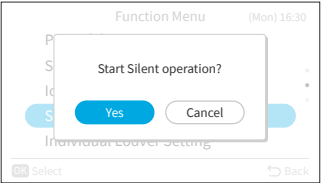
This function is to start/stop Silent mode of indoor unit.

1. Set Silent operation.

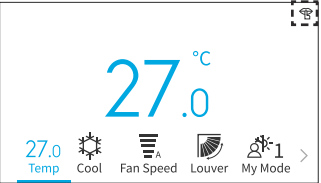
Step1. Select "Silent" on the "Function Menu" screen and press "OK".



Step2. Select "Yes" and press "OK" to start silent operation.



After silent operation is started, you will see an icon "🔇" displayed on the home screen.



NOTES:

- In "GoodSleep Timer", "Leave home" operation or the unit is off, "Silent" operation cannot be set.
- When "Powerful" or "Leave Home" is set or the unit is off, "Silent" operation will be cancelled.
- After unit auto restart, "Silent" operation is cancelled.

## 6.10 Individual Louver Setting

This function is to individually set the air direction of multiple air outlets on non-ducted ceiling cassette units.

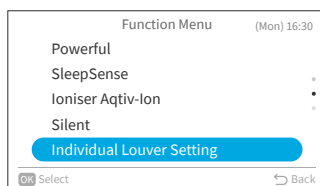
### NOTES:

- This function is available when the indoor unit supports individual louver control.
- It cannot be set while the air conditioner is stopped.
- In "Leave Home" operation, it will be cancelled and cannot be set.

### 6.10.1 Individual Louver Setting

#### 1. Individual louver setting

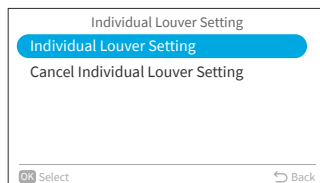
Step1. Select "Individual Louver Setting" on the "Function Menu" and press "OK".



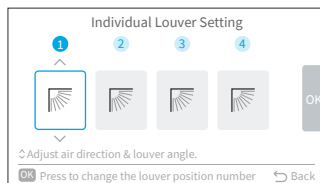
Step2. Select "Individual Louver Setting" and press "OK".

### NOTE:

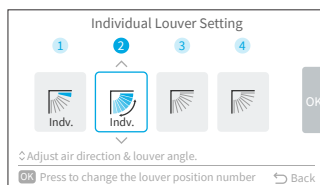
- If there is one indoor unit connected with the wired remote controller, Step3 is displayed.



Step3. Press "<" or ">" and select the louver from 1 to 4.  
→The selected louver is opened while the unselected louvers are closed.

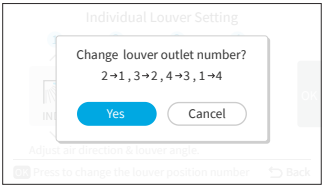


Step4. Press "^" or "v" to change the louver angle.  
The louver angle is changed as follows.

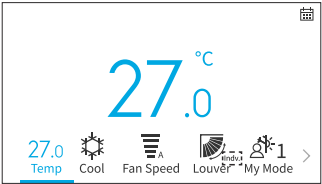


## 6. Function Menu Screen Display

Step5. Press "OK" and the selected louver will be set as "No.1" and the other louver No. will be changed clockwise automatically. A confirm screen shows up. Select "Yes" and press "OK". Then the screen will return to Step3.



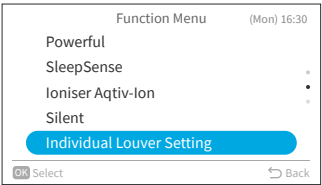
Step6. Individual "Indv." is turned on at the Louver on the home screen.



### 6.10.2 Cancel Individual Louver Setting

#### 1. Cancel individual louver setting

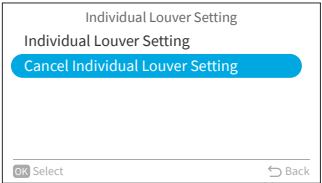
Step1. Select "Individual Louver Setting" on the "Function Menu" and press "OK".



Step2. Select "Cancel Individual Louver Setting" and press "OK".

**NOTE:**

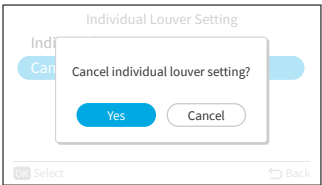
- If there is one indoor unit connected with the wired remote controller, Step3 is displayed.



Step3. Press "<" or ">" to select "Yes" and press "OK". Cancel the individual louver setting and return to Step2.

**NOTE:**

- All the individual louver settings are cancelled.



## 6.11 Clean Operation

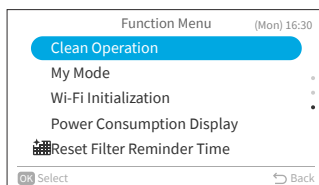
The dust and dirt adhering to indoor heat exchanger which is the cause of the smell. This function is to wash away dust and dirt by freezing and thawing of the heat exchanger.

### NOTES:

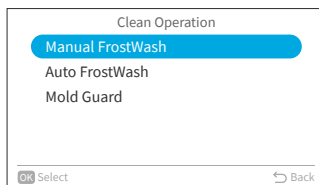
- Based on the temperature condition and etc., clean operation might not start. In case of that, the running display will not appear.
- When clean operation finishes, the unit will stop automatically.
- If Weekly Timer or Simple Timer is set, clean operation might stop at the middle point because of the timer setting.
- For multi connection :
  - When starts "Mold guard" operation, operation is limited to "Fan" operation.
  - When one room operates "Mold guard" operation first, other rooms can operate "Cool", "Dry" or "Fan" mode. However, when other rooms need to operate "Heat" operation, air conditioner in other rooms will be in STANDBY mode. After "Mold guard" operation finishes, "Heat" operation will start.
- Some indoor units may need some extra time till showing the running display.
- Manual FrostWash can not be set during the unit operation is on.

### 1. Set Manual FrostWash.

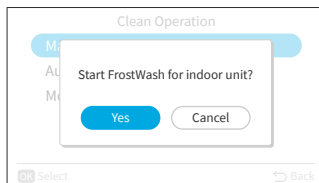
Step1. Select "Clean Operation" on the "Function Menu" screen and press "OK".



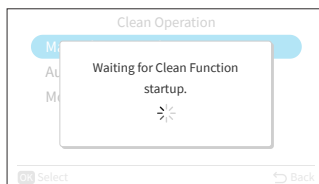
Step2. Select "Manual FrostWash" and press "OK".



Step3. Select "Yes" and press "OK" to start FrostWash for indoor unit.

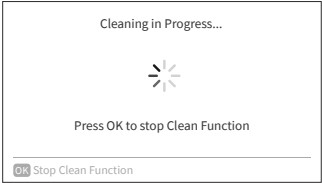


Clean operation is in startup.



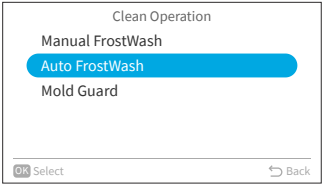
## 6. Function Menu Screen Display

Once the startup succeeds, the indoor unit is in cleaning progress.  
Press "OK" in the progress will stop this function.  
Once the progress is complete or stopped, return to home screen.



2. Set Auto FrostWash.

Step1. Press "^" or "v" to select "Auto FrostWash" on "Clean Operation" screen and press "OK".



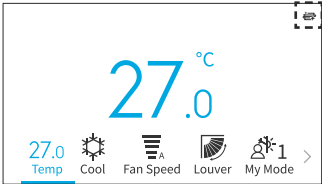
Step2. Press "v" to select "Enable" and press "OK" to enable the auto FrostWash.



After auto FrostWash is enabled, you will see an icon "☼" displayed on the home screen.

Auto FrostWash starts if the air conditioner is stopped after running for more than 42 hours\*. At this time, Indoor FrostWash monitors the temperature and humidity conditions, and also monitors whether the conditions are suitable for starting, and starts if the conditions are met.

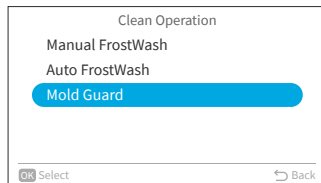
\*: The default time is 42 hours, it can be changed in Service Settings, please refer to **"9.2.3 C2: FrostWash Time Setting"**.



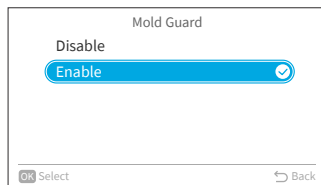
## 6. Function Menu Screen Display

### 3. Set Mold guard.

Step1. Press "^" or "v" to select "Mold guard" on "Clean Operation" screen and press "OK".



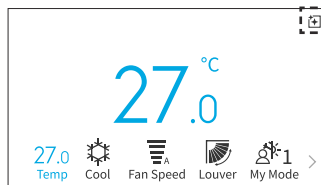
Step2. Press "v" to select "Enable" and press "OK" to enable the mold guard.



Step3. After mold guard is enabled, you will see an icon "☒" displayed on the home screen.

If the air conditioner is operated in cooling or dry mode (or auto mode\*) for more than 10 minutes and then put into off mode, the mold guard will start.

\*: It depends on the indoor unit model.



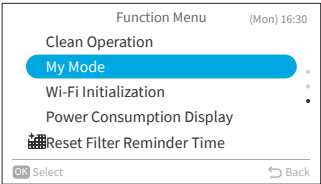
## 6. Function Menu Screen Display

### 6.12 My Mode Setting

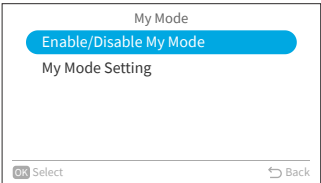
My Mode is used to enable or disable the feature and pre-set My Mode settings through the Function Menu. Users can select or switch between presets for My Mode 1, 2, and 3 on home screen.

1. Enable/Disable My Mode

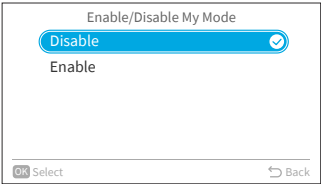
Step1. Select "My Mode" on the "Function Menu" screen and press "OK".



Step2. Select "Enable/Disable My Mode" and press "OK".

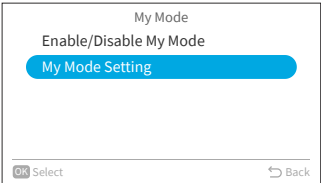


Step3. Press "∧" or "∨" to select "Disable"/"Enable" and press "OK" to disable/enable My Mode.  
Disable: My Mode icon disappears from the home screen.  
Enable: My Mode icon appear on the home screen and the mode can be adjusted.

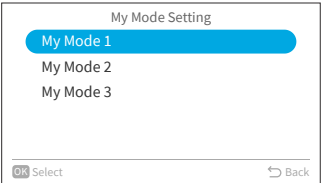


2. Set My Mode Setting

Step1. Press "∨" to select "My Mode Setting" on "My Mode" screen and press "OK".



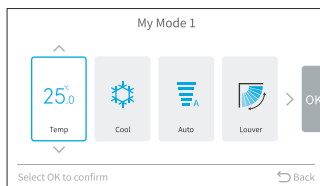
Step2. Press "∧" or "∨" to select desired mode and press "OK".



## 6. Function Menu Screen Display

- Step3. Press "<" or ">" to select the setting item, then press "^" or "v" to change the setting of each item.

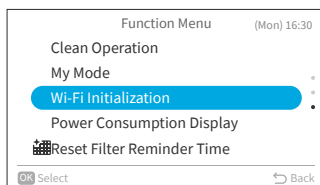
After all changes are completed, press ">" to select "OK" and press "OK" and return to Step2.



### 6.13 Wi-Fi Initialization

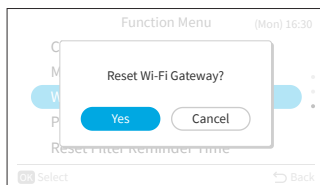
This function is used to reset Wi-Fi module settings when used with the "airCloud Go" application. Please note that executing this function will clear the configuration, and the Wi-Fi module will be restored to its factory settings.

- Step1. Select "Wi-Fi Initialization" on the "Function Menu" screen and press "OK".



- Step2. Select "Yes" and press "OK" to reset Wi-Fi gateway.

When the Wi-Fi settings are reset, the blue LED on the indoor unit front panel will flash 4 times (1 flash per second) for 10/20 seconds. Then the blue LED will flash 3 times (1 time per second), meaning the embedded gateway is reset and ready to be paired to a new Wi-Fi network. This function is only available for indoor unit with embedded Wi-Fi adapter.



6. Function Menu Screen Display

6.14 Power Consumption Display

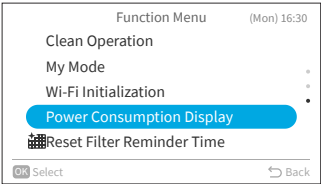
This function is to show power consumption history with trend graph and data table.

NOTE:

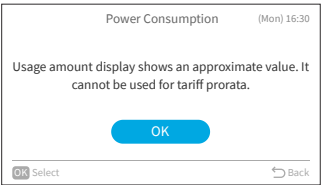
- Power consumption data is saved and draw trend graph always based on wired remote controller time, instead of indoor unit time.

1. Display power consumption

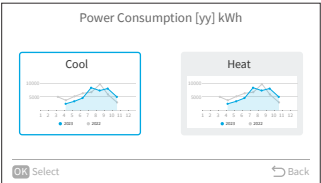
Step1. Select "Power Consumption Display" on the "Function Menu" screen and press "OK".  
If the current time is not set, the "Adjusting Date/Time" setting screen is displayed.



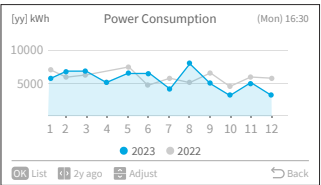
Step2. A reminder "Usage amount display shows an approximate value. It cannot be used for tariff prorata." pop upped. Then press "OK".



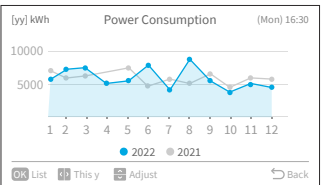
Step3. Press "<" or ">" to select "Cool" or "Heat" and press "OK".



Step4. The power consumption trend graph is displayed.

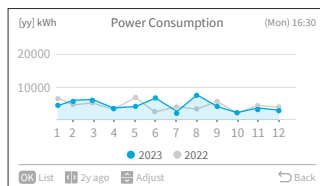
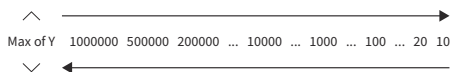


Step5. Press "<" or ">" to select the trend graph of different years, "this year" or "2 year ago".



## 6. Function Menu Screen Display

- Step6. Press " $\wedge$ " or " $\vee$ " to adjust the scale of Y axis.  
The range of Y axis is:



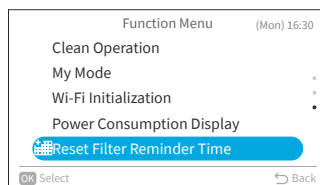
- Step7. Press "OK" to show a power consumption table of each month.  
Press "OK" to return to Step6. Or Press " $\hookrightarrow$ " to return to Step3.

| Month | 2023   | 2022   |
|-------|--------|--------|
| Jan   | 5642.0 | 6800.0 |
| Feb   | 7494.0 | 6133.0 |
| Mar   | 7750.0 | 6545.0 |
| Apr   | 6303.0 | 6228.0 |
| May   | 6641.0 | 7775.0 |

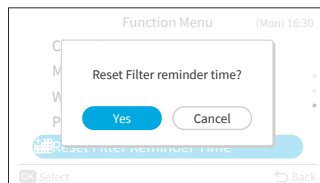
### 6.15 Reset Filter Reminder Time

This function is used to turn off the filter reminder indication and to reset the time of use for the filter.

- Step1. Select "Reset Filter Reminder Time" on the "Function Menu" screen and press "OK".



- Step2. Select "Yes" and press "OK" to reset filter reminder time.  
The default time is 200 hours, which can be changed in Service Settings, refer to **"9.2.2 C1: Time for Filter Sign Display"**.

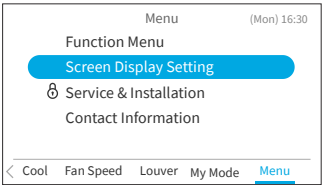


7. Screen Display Setting

7. Screen Display Setting

1. Screen display setting

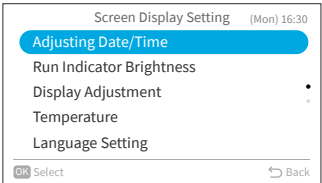
Step1. Select "Screen Display Setting" on the "Menu" screen and press "OK".



Step2. Press "^" or "v" to select setting item and press "OK".

Press "↶" to return to "Menu" screen.

- If there is no operation on the display setting screen for about 10 minutes, the screen automatically returns to the home screen.
- Various settings are saved even when the power supply is off.



7.1 Adjusting Date/Time

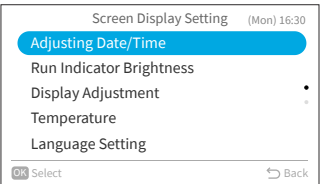
| Function              | Action                                                                              |
|-----------------------|-------------------------------------------------------------------------------------|
| Adjusting Date/Time   | Set Year/Month/Day/Hour/Minute.                                                     |
| Time Format           | Change the time format to 12 hour/24 hour.                                          |
| Daylight Saving Times | Adjusts time forward or backward an hour when daylight savings time starts or ends. |

7.1.1 Adjusting Date/Time

- Periodic time setting is recommended. (Clock accuracy: difference within  $\pm 70$  seconds by a month)
- In the event of a power supply disruption, the built-in capacitor will retain the settings including the time settings for up to 72 hours. Reset the date and time if the wired remote controller remains without power for longer than 72 hours or the main power supply is OFF for a long period of time.

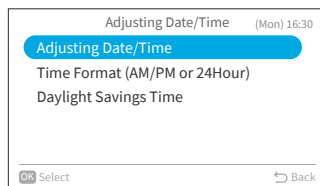
1. Adjusting Date/Time

Step1. Select "Adjusting Date/Time" on the "Screen Display Setting" screen and press "OK".

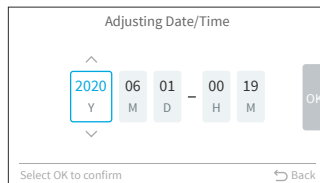


## 7. Screen Display Setting

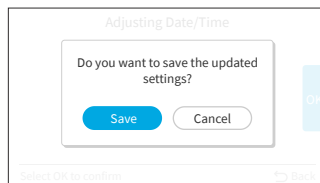
- Step2. Press "<" or ">" to select "Adjusting Date/Time" and press "OK".



- Step3. Press "<" or ">" to select "yyyy/mm/dd/hh/mm".  
Press "<" or ">" to change the setting.



- Step4. After making all settings,  
If select "OK" and press "OK", the screen returns to Step2.  
If press "↵", the confirmation screen is displayed.  
Select "Save" and press "OK" to confirm the setting and the screen returns to Step2.  
Select "Not Save", it returns to Step2 without any setting changes.  
If press "↵" again, it returns to Step3.

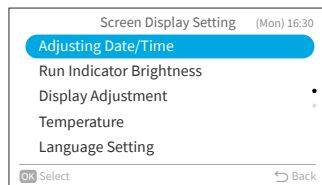


## 7. Screen Display Setting

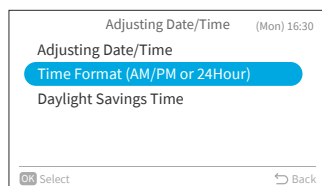
### 7.1.2 Time Format

#### 1. Set time format

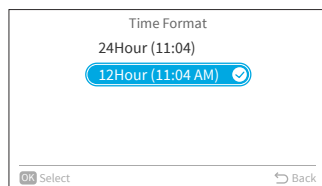
Step1. Select "Adjusting Date/Time" on the "Screen Display Setting" screen and press "OK".



Step2. Press "^" or "v" to select "Time Format" and press "OK".



Step3. Press "^" or "v" to select 24 hour or 12 hour and press "OK".  
Press "↶" to return to Step2.

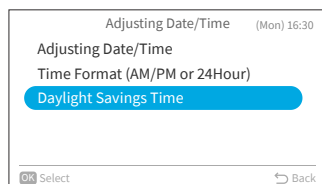


### 7.1.3 Daylight Savings Time

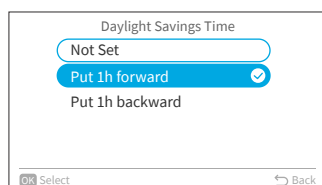
This function adjusts time forward or backward an hour when daylight savings time starts or ends.

#### 1. Set daylight savings time

Step1. Select "Daylight Savings Time" on the "Adjusting Date/Time" screen and press "OK".



Step2. Press "^" or "v" to select the setting and press "OK".

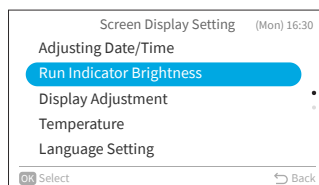


## 7.2 Run Indicator Brightness

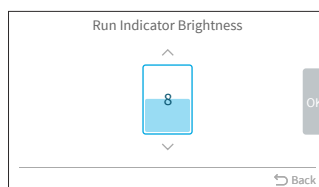
This function is to set the LED brightness of operation on/off indicator, the higher lever means greater brightness.

### 1. Set run indicator brightness

- Step1. Select "Run Indicator Brightness" on the "Screen Display Setting" screen and press "OK".



- Step2. Press "^" or "v" to change the brightness value. Select "OK" and press "OK", the screen returns to the "Screen Display Setting" screen.



### NOTE:

- When the run indicator brightness is set to be 0, the backlight turns off after no operation for the set time. In this case, the current status is not indicated.

## 7. Screen Display Setting

### 7.3 Display Adjustment

| Function             | Action                                                         |
|----------------------|----------------------------------------------------------------|
| Backlight Brightness | Adjust the brightness of the backlight.                        |
| Backlight Dim Time   | Change the time when the backlight turns dim after inactivity. |
| Backlight Off Time   | Change the time when the backlight turns off after inactivity. |

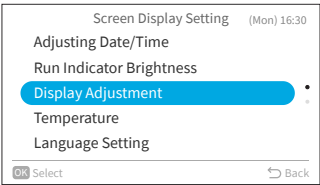
**NOTE:**

- Backlight Brightness: brightness level range depends on indoor unit model.

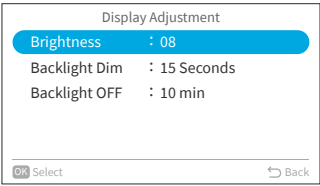
#### 7.3.1 Backlight Brightness

1. Set backlight brightness

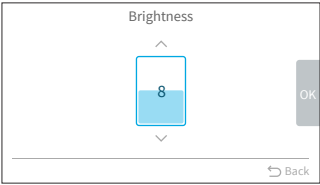
Step1. Select "Display Adjustment" on the "Screen Display Setting" screen and press "OK".



Step2. Select "Brightness" and press "OK".



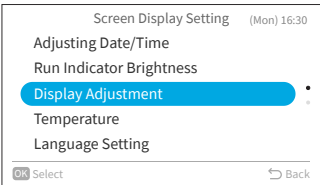
Step3. Press "^" or "v" to change the brightness value.  
Select "OK" and press "OK", the screen returns to Step2.



#### 7.3.2 Backlight Dim Time

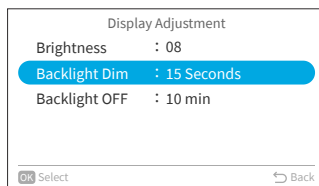
This function is used to set the time for the backlight to be dimmed to the lowest brightness. For example, if the backlight dim time is set to 15 seconds, the backlight will remain at selected brightness for 15 seconds and then dim.

Step1. Select "Display Adjustment" on the "Screen Display Setting" screen and press "OK".

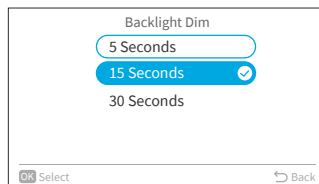


## 7. Screen Display Setting

Step2. Select "Backlight Dim" and press "OK".



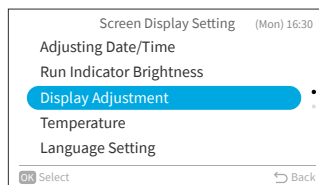
Step3. Press "^" or "v" to select the dim time intervals and press "OK". The item changes as follows:  
"5 seconds" ↔ "15 seconds" ↔ "30 seconds".



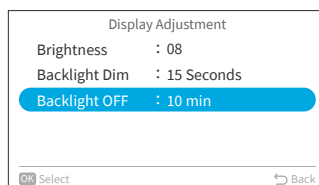
### 7.3.3 Backlight Off Time

1. Set backlight off time

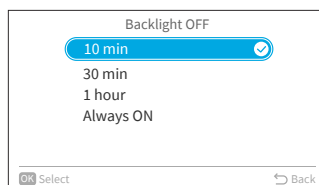
Step1. Select "Display Adjustment" on the "Screen Display Setting" screen and press "OK".



Step2. Select "Backlight OFF" and press "OK".



Step3. Press "^" or "v" to select the off time intervals and press "OK".  
Press "↶" to return to Step2.



## 7. Screen Display Setting

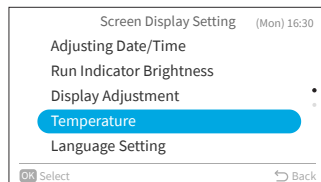
### 7.4 Temperature

| Function                          | Action                                                           |
|-----------------------------------|------------------------------------------------------------------|
| Unit and Width                    | Change temperature unit and width.                               |
| Display of Thermistor Temperature | Show/hide the thermistor temperature display on the home screen. |

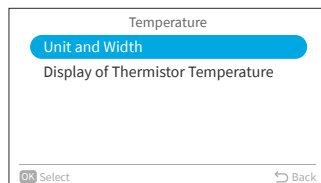
#### 7.4.1 Temperature Unit and Width

1. Set temperature unit and width

Step1. Select "Temperature" on the "Screen Display Setting" screen and press "OK".

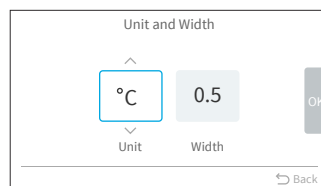


Step2. Press "^" or "v" to select "Unit and Width" and press "OK".



Step3. Press "<" or ">" to select unit or width. Press "^" or "v" to change the setting.

- When the unit is selected, it changes as between: °F ↔ °C.
- When the width is selected, it changes as between: 0.5 ↔ 1.  
(The width can be set only when the unit is °C.)



After making all settings, select "OK" and press "OK", the screen returns to Step2.

**NOTE:**

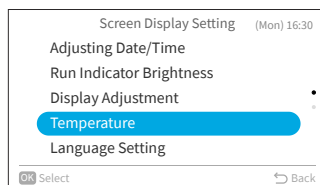
- Once the unit is changed, the preset temperature upper/lower limit will be invalid, please set it again(refer to **"8.3 Temperature Range Restriction"**).

## 7. Screen Display Setting

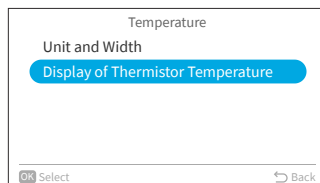
### 7.4.2 Display of Thermistor Temperature

1. Set thermistor temperature display

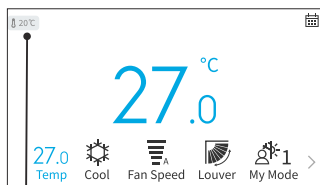
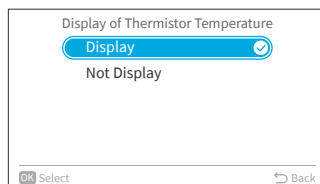
Step1. Select "Temperature" on the "Screen Display Setting" screen and press "OK".



Step2. Press "^" or "v" to select "Display of Thermistor Temperature" and press "OK".



Step3. Press "^" or "v" to select the setting and press "OK".  
Press "↵" to return to Step2.



The icon indicates that the thermistor temperature is set to be displayed.

## 7. Screen Display Setting

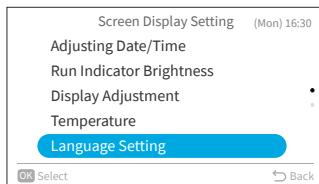
### 7.5 Language Setting

This function is to change the displayed language.

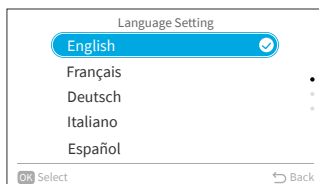
Selectable language: English, French, Dutch, Italian, Spanish, Portuguese, German, Danish, Greek, Croatian, Czech, Polish, Romanian.

#### 1. Set display language

- Step1. Select "Language Setting" on the "Screen Display Setting" screen and press "OK".



- Step2. Press "^" or "v" to select the language and press "OK".  
Press "↵" to return to "Screen Display Setting" screen.

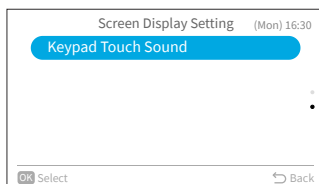


### 7.6 Keypad Touch Sound

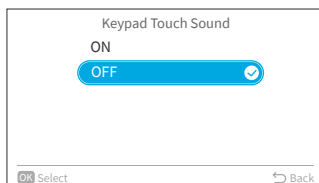
This function is to turn ON/OFF the touch sound of keypad on wired remote controller.

#### 1. Set keypad touch sound

- Step1. Select "Keypad Touch Sound" on the "Screen Display Setting" screen and press "OK".



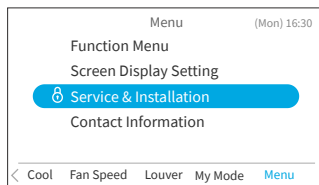
- Step2. Press "^" or "v" to select the sound volume and press "OK".  
Press "↵" to return to "Screen Display Setting" screen.



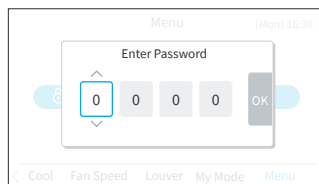
## 8. Service & Installation Screen

Service & Installation menu is protected by a password.

- Step1. Select "Service & Installation" on "Menu" screen and press "OK".



- Step2. Press "^", "v", "<", or ">" to input the password.  
Press ">" to select "OK" and press "OK" to enter Service & Installation menu screen.



### 8.1 Password Setting

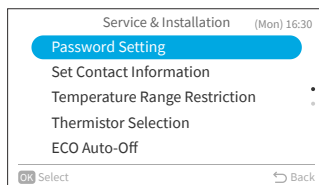
The default user password can be changed. If you forget the changed user password, a supervisor password can be used to reset the user password again. The supervisor password is "5567".

The password input effective time can be set also.

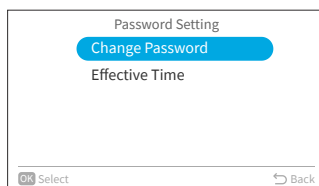
If the password input effective time has been set, then the password is required to be entered only once during the password effective time.

#### 1. Change Password

- Step1. Select "Password Setting" on "Service & Installation" screen and press "OK".

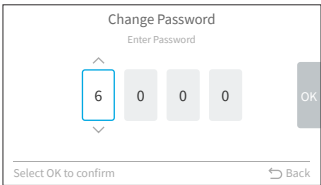


- Step2. Select "Change Password" and press "OK".

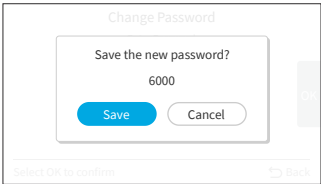


## 8. Service & Installation Screen

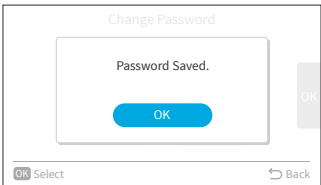
Step3. Press "**^**", "**∨**", "**<**", or "**>**" to set the password, select "**OK**" and press "OK".



Step4. Press "**<**" or "**>**" to select "Save" and press "OK" to save password.

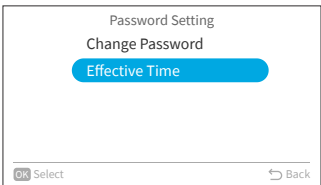


Step5. Press "OK", the new password is saved.

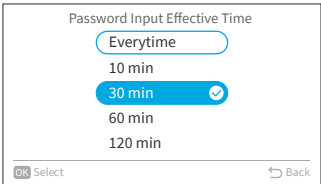


### 2. Set Password Input Effective Time

Step1. Select "Effective Time" on "Password Setting" screen and press "OK".



Step2. Press "**^**" or "**∨**" to select the setting item and press "OK" to confirm the setting. The item changes as follows:  
"Everytime" ↔ "10 min" ↔ "30 min" ↔ "60 min" ↔ "120 min".  
Press "**↵**" and it returns to Step3.



### NOTES:

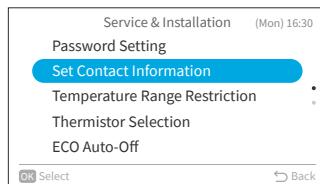
- In order to enhance the security protection, please be sure to change the default password.
- If you enter the wrong password more than 5 times, you will not be able to enter the password within 1 minute.
- The default password is "0000", and the supervisor code is "5567".
- If you forget the password, use the supervisor code to change the password.
- The supervisor code can't be changed.

## 8.2 Set Contact Information

Register a service contact (service address and service telephone number are recommended).

### 1. Register Contact Information

- Step1. Select "Set Contact Information" on the Service & Installation screen and press "OK".

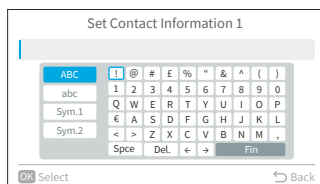


- Step2. "Set Contact Information1" screen is displayed. Press "<" to move cursor to font type. Press "^" or "v" to select the font type.

\*Each time you want to change the font type,

press "<" to move the cursor back to font type.

- Step3. Press ">" to move cursor to the keypad. Press "^", "v", "<", or ">" to select the font and press "OK" to register it. (Up to 60 characters can be used for each contact information.)

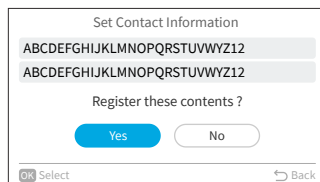


- Step4. After all the characters have been set, select

"Fin" and press "OK".

- Step5. "Set Contact Information2" screen is displayed, repeat Step2, Step3 and Step4.

- Step6. Select "Yes" and press "OK" to confirm the setting and Step1 is displayed. If "No" is selected, the screen returns to Step2.



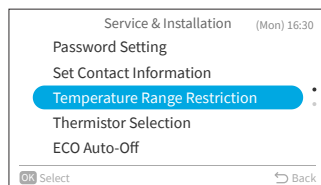
## 8. Service & Installation Screen

### 8.3 Temperature Range Restriction

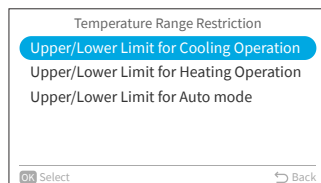
The temperature range can be set by the wired remote controller.

#### 1. Set Temperature Range

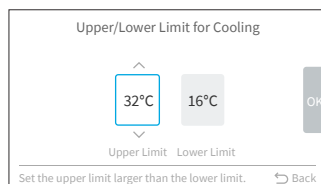
- Step1. Select "Temperature Range Restriction" on the Service & Installation screen and press "OK".



- Step2. Select "Upper/Lower Limit for Cooling Operation"/"Upper/Lower Limit for Heating Operation"/ "Upper/Lower Limit for Auto mode" and press "OK".



- Step3. Press "<", ">" to select the setting limit, then press "^", "v" to change the temperature value.
- Step4. After value setting, select "OK" and press "OK". Press "←" to return to Step2.



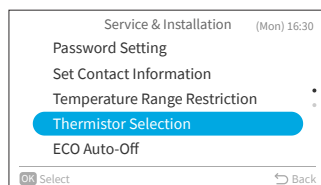
#### NOTE:

- Please make sure that the upper limit value is equal to or greater than the lower limit value.

### 8.4 Thermistor Selection

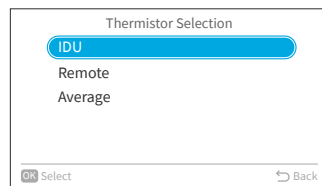
This function is to select wired remote controller thermistor or indoor unit thermistor as the room temperature.

- Step1. Select "Thermistor Selection" on the Service & Installation screen and press "OK".



## 8. Service & Installation Screen

Step2. Select the desired item and press "OK".



**NOTE:**

- If one of indoor unit or wired remote controller thermistor is broken, the other normal thermistor is selected automatically.

### 8.5 ECO Auto-Off

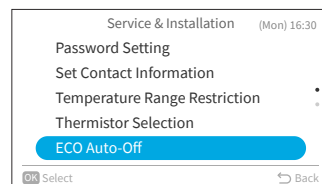
The default Auto-off time is set at 20min, it can be changed from 20min to 120min as described below. When the timer defined by "Auto-Off Timing" elapsed, wired remote controller will turn off indoor unit.

**NOTE:**

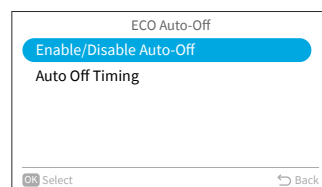
- "ECO Auto-Off" maybe not available depending on the indoor unit.

1. Enable/Disable Auto-Off

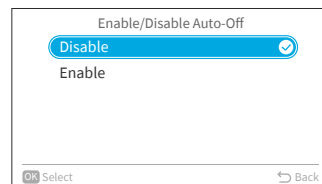
Step1. Select "ECO Auto-Off" on the Service & Installation screen and press "OK".



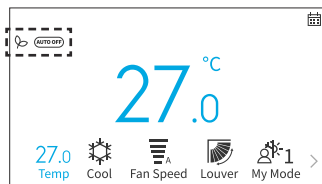
Step2. Select "Enable/Disable Auto-Off" and press "OK".



Step3. Press "∧" or "∨" to select "Disable"/"Enable" and press "OK" to enable/disable Auto-Off.



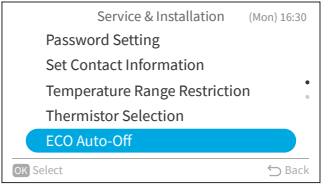
When "ECO Auto-Off" is enabled and "Standard ECO mode" is started (refer to Page 27), "ECO" and "AUTO OFF" are displayed on home screen.



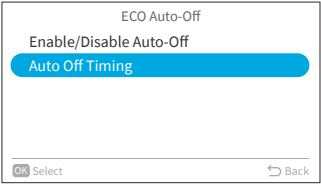
## 8. Service & Installation Screen

2. Set Auto-Off Timing

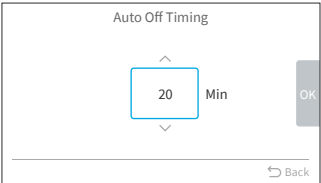
Step1. Select "ECO Auto-Off" on the Service & Installation screen and press "OK".



Step2. Press "∨" to select "Auto-Off Timing" and press "OK".



Step3. Press "∧" or "∨" to change the time from 20min to 120min, then press ">" to select "OK" and press "OK".

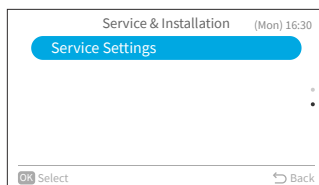


## 9. Service Settings

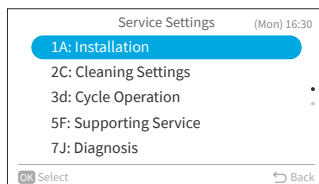
- The service setting items displayed in list depend on indoor unit model.
- When no operation for 2 hours on Service settings or sub settings screen, it returns to home screen.
- When the air conditioner is turned on, service setting is disabled.
- The service setting will remain unchanged after the unit is turned off.
- When entering each setting screen, "Please wait for a moment" screen would appear for several seconds.
- For more information of service settings, please refer to service manual of the wired remote controller.

### 9.1 1A: Installation

- Step1. Select "Service Settings" on "Service & Installation" screen and press "OK".



- Step2. Select "1A: Installation" and press "OK".

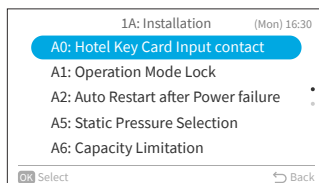


#### NOTE:

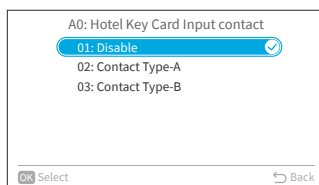
- Once the setting in 1A is changed, it may take some time to reconnect with the indoor unit.

#### 9.1.1 A0: Hotel Key Card Input contact

- Step1. Select "A0: Hotel Key Card Input contact" on "1A: Installation" screen and press "OK".



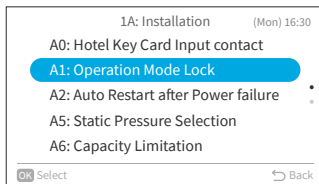
- Step2. Press "^" or "v" to select the desired item and press "OK".  
Press "↵" to return to Step1 after reconnection.



## 9. Service Settings

### 9.1.2 A1: Operation Mode Lock

- Step1. Select "A1: Operation Mode Lock" on "1A: Installation" screen and press "OK".



- Step2. Press "^" or "v" to select the desired item and press "OK".  
The lock result of each item is as follow.

|                  | ●: Selectable + Default value    ○: Selectable    -: Unselectable |      |     |      |     |
|------------------|-------------------------------------------------------------------|------|-----|------|-----|
| Setting item     | Auto                                                              | Heat | Dry | Cool | Fan |
| 01: Normal Mode  | ●                                                                 | ○    | ○   | ○    | ○   |
| 02: Cooling Lock | -                                                                 | -    | ○   | ●    | ○   |
| 03: Heating Lock | -                                                                 | ●    | -   | -    | ○   |

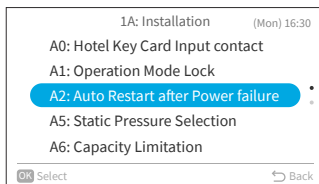
Press "↵" to return to Step1 after reconnection.

#### NOTE:

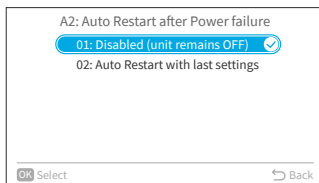
- The operation lock setting will remain unchanged after the unit is turned off.

### 9.1.3 A2: Auto Restart after Power failure

- Step1. Select "A2: Auto Restart after Power failure" on "1A: Installation" screen and press "OK".

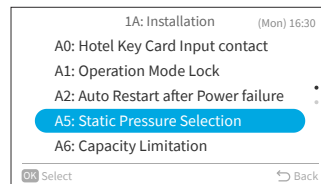


- Step2. Press "^" or "v" to select the desired item and press "OK".  
Press "↵" to return to Step1 after reconnection.

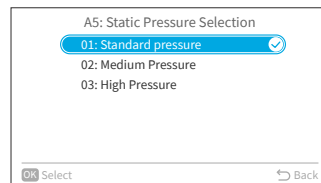


### 9.1.4 A5: Static Pressure Selection

- Step1. Select "A5: Static Pressure Selection" on "1A: Installation" screen and press "OK".

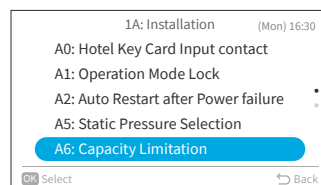


- Step2. Press "^" or "v" to select the desired item and press "OK".  
Press "↵" to return to Step1 after reconnection.

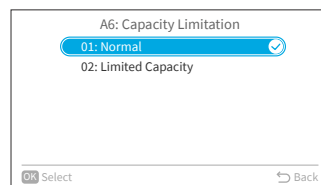


### 9.1.5 A6: Capacity Limitation

- Step1. Select "A6: Capacity Limitation" on "1A: Installation" screen and press "OK".



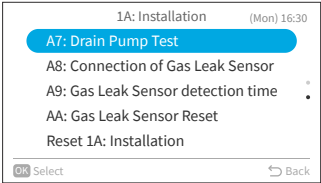
- Step2. Press "^" or "v" to select the desired item and press "OK".  
Press "↵" to return to Step1 after reconnection.



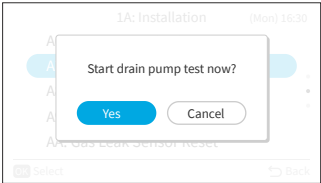
## 9. Service Settings

### 9.1.6 A7: Drain Pump Test

Step1. Select "A7: Drain Pump Test" on "1A: Installation" screen and press "OK".

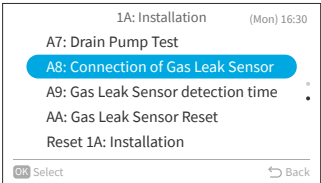


Step2. Select "Yes" and press "OK" to start drain pump test.  
Press "↩" to return to Step1 after reconnection.

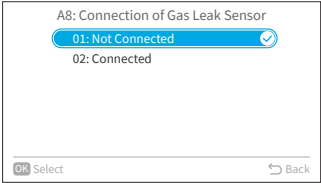


### 9.1.7 A8: Connection of Gas Leak Sensor

Step1. Select "A8: Connection of Gas Leak Sensor" on "1A: Installation" screen and press "OK".

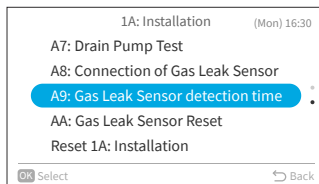


Step2. Press "^" or "v" to select the desired item and press "OK".  
Press "↩" to return to Step1 after reconnection.

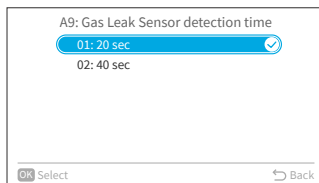


### 9.1.8 A9: Gas Leak Sensor detection time

- Step1. Select "A9: Gas Leak Sensor detection time" on "1A: Installation" screen and press "OK".

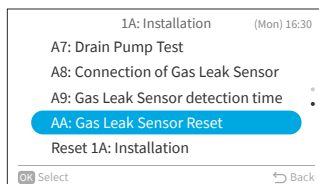


- Step2. Press "^" or "v" to select the desired item and press "OK".  
Press "↶" to return to Step1 after reconnection.

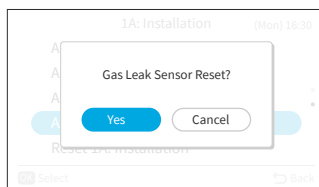


### 9.1.9 AA: Gas Leak Sensor Reset

- Step1. Select "AA: Gas Leak Sensor Reset" on "1A: Installation" screen and press "OK".



- Step2. Select "Yes" and press "OK" to reset gas leak sensor.  
Press "↶" to return to Step1 after reconnection.



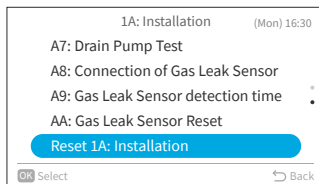
#### NOTE:

- This setting is only available when the indoor unit reports Alarm Code 041(Gas Leak Error), in other case, it is unavailable to set and displays with an icon "⊘".

## 9. Service Settings

### 9.1.10 Reset 1A: Installation

- Step1. Select "Reset 1A: Installation" on "1A: Installation" screen and press "OK".

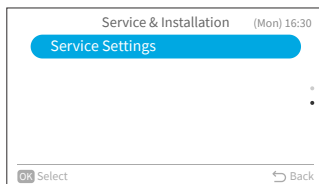


- Step2. Select "Yes" and press "OK" to reset all settings of menu 1A. After settings are initialized, it turns to home screen.

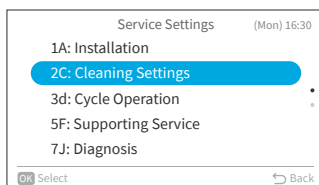


### 9.2 2C: Cleaning Settings

- Step1. Select "Service Settings" on "Service & Installation" screen and press "OK".

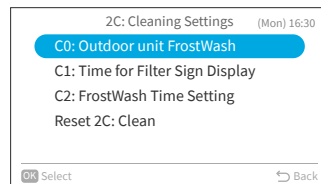


- Step2. Select "2C: Cleaning Settings" and press "OK".

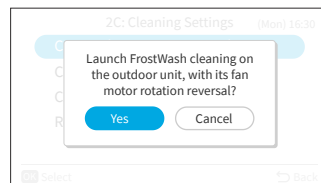


### 9.2.1 C0: Outdoor unit FrostWash

- Step1. Select "C0: Outdoor unit FrostWash" on "2C: Cleaning Settings" screen and press "OK".

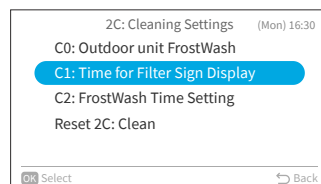


- Step2. Select "Yes" and press "OK" to launch FrostWash cleaning of outdoor unit. Then it returns to Step1.



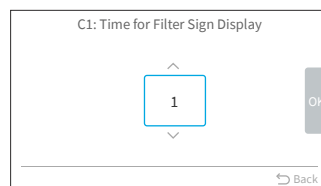
### 9.2.2 C1: Time for Filter Sign Display

- Step1. Select "C1: Time for Filter Sign Display" on "2C: Cleaning Settings" screen and press "OK".



- Step2. Press "^" or "v" to change the cumulative amount of time the air conditioner takes to display the filter cleaning recommendation sign, then press ">" to select "OK" and press "OK". Then it returns to Step1.  
The cumulative time of adjustment value is as follow:

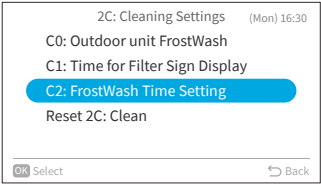
| Adjustment value | Time to display filter sign |
|------------------|-----------------------------|
| -1               | 100Hr                       |
| 0                | 200Hr (default)             |
| 1                | 300Hr                       |
| 2                | 400Hr                       |



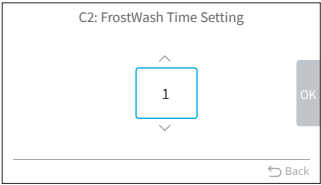
## 9. Service Settings

### 9.2.3 C2: FrostWash Time Setting

Step1. Select "C2: FrostWash Time Setting" on "2C: Cleaning Settings" screen and press "OK".



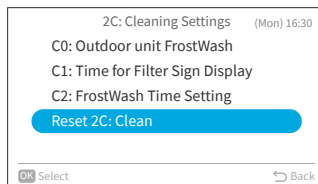
Step2. Press "^" or "v" to change the indoor unit auto FrostWash startup time, then press ">" to select "OK" and press "OK". Then it returns to Step1. Adjustment value of cumulative air conditioner time until execution of indoor unit auto FrostWash is as follow.



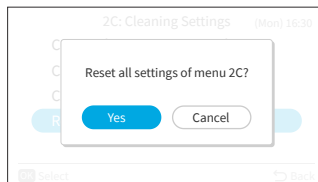
| Adjustment value | Time to do auto FrostWash |
|------------------|---------------------------|
| 1                | 2 Hr                      |
| 2                | 6 Hr                      |
| 3                | 10 Hr                     |
| 4                | 20 Hr                     |
| 5                | 42 Hr(Default)            |
| 6                | 60 Hr                     |
| 7                | 84 Hr                     |
| 8                | 90 Hr                     |
| 9                | 100 Hr                    |
| 10               | 120 Hr                    |
| 11               | 140 Hr                    |
| 12               | 160 Hr                    |
| 13               | 180 Hr                    |
| 14               | 200 Hr                    |
| 15               | 250 Hr                    |

### 9.2.4 Reset 2C: Clean

- Step1. Select "Reset 2C: Clean" on "2C: Cleaning Settings" screen and press "OK".

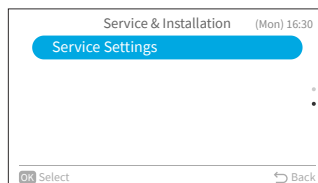


- Step2. Select "Yes" and press "OK" to reset all settings of menu 2C. After settings are initialized, it turns to home screen.

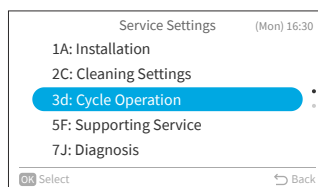


## 9.3 3d: Cycle Operation

- Step1. Select "Service Settings" on "Service & Installation" screen and press "OK".



- Step2. Select "3d: Cycle Operation" and press "OK".

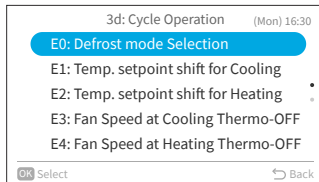


## 9. Service Settings

### 9.3.1 E0: Defrost mode Selection

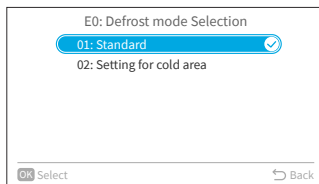
This function is used to set the time delay between 2 defrost operations.

- Step1. Select "E0: Defrost mode Selection" on "3d: Cycle Operation" screen and press "OK".



- Step2. Press "^" or "v" to select the desired item and press "OK".  
Press "↶" to return to Step1.

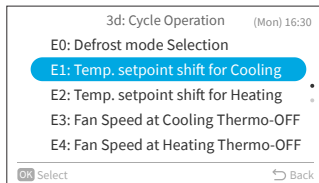
| Setting Value             | Defrost Inhibit Period                  |
|---------------------------|-----------------------------------------|
| 01: Standard              | Average area setting<br>(around 45 min) |
| 02: Setting for cold area | Cold area setting<br>(around 25 min)    |



### 9.3.2 E1: Temp. setpoint shift for Cooling

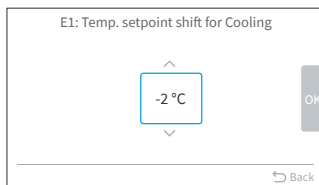
The shift value of set temperature can be set in Cooling mode.

- Step1. Select "E1: Temp. setpoint shift for Cooling" on "3d: Cycle Operation" screen and press "OK".



- Step2. Press "^" or "v" to change the temperature setpoint shift for cooling, then press ">" to select "OK" and press "OK". Then it returns to Step1.

| No. | Shift in Temperature<br>@ IDU side (°C) | Shift in Temperature<br>@ IDU side (°F) |
|-----|-----------------------------------------|-----------------------------------------|
| 1   | -5                                      | -10                                     |
| 2   | -4                                      | -8                                      |
| 3   | -3                                      | -6                                      |
| 4   | -2                                      | -4                                      |
| 5   | -1                                      | -2                                      |
| 6   | 0                                       | 0                                       |
| 7   | 1                                       | 2                                       |
| 8   | 2                                       | 4                                       |
| 9   | 3                                       | 6                                       |
| 10  | 4                                       | 8                                       |
| 11  | 5                                       | 10                                      |



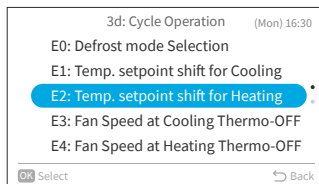
NOTE:

- For some indoor units, the effective value range is -3°C(-6°F) ~ 3°C(6°F), if E1 is an out of range value, this shift value is not adopted by indoor unit.

### 9.3.3 E2: Temp. setpoint shift for Heating

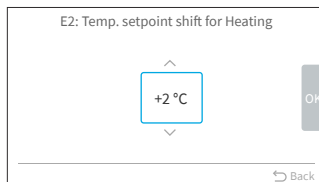
The shift value of set temperature can be set in Heating mode.

- Step1. Select "E2: Temp. setpoint shift for Heating" on "3d: Cycle Operation" screen and press "OK".



- Step2. Press "^" or "v" to change the temperature setpoint shift for heating, then press ">" to select "OK" and press "OK". Then it returns to Step1.

| No. | Shift in Temperature<br>@ IDU side (°C) | Shift in Temperature<br>@ IDU side (°F) |
|-----|-----------------------------------------|-----------------------------------------|
| 1   | -5                                      | -10                                     |
| 2   | -4                                      | -8                                      |
| 3   | -3                                      | -6                                      |
| 4   | -2                                      | -4                                      |
| 5   | -1                                      | -2                                      |
| 6   | 0                                       | 0                                       |
| 7   | 1                                       | 2                                       |
| 8   | 2                                       | 4                                       |
| 9   | 3                                       | 6                                       |
| 10  | 4                                       | 8                                       |
| 11  | 5                                       | 10                                      |



**NOTE:**

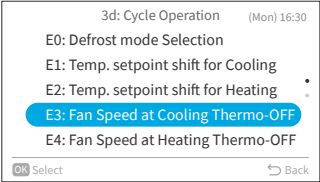
- For some indoor units, the effective value range is -3°C(-6°F) ~ 3°C(6°F), if E2 is an out of range value, this shift value is not adopted by indoor unit.

## 9. Service Settings

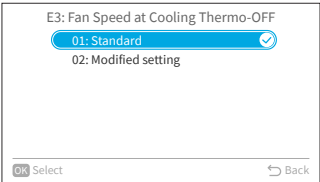
### 9.3.4 E3: Fan Speed at Cooling Thermo-OFF

This function is used to switch the indoor fan air speed during cooling thermo-off.

Step1. Select "E3: Fan Speed at Cooling Thermo-OFF" on "3d: Cycle Operation" screen and press "OK".



Step2. Press "^" or "v" to select the desired item and press "OK".  
Press "↶" to return to Step1.



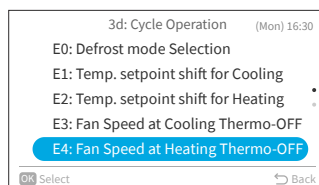
The fan speed of each pattern setting depends on indoor unit model.  
Here is an example.

| Setting Value        | Fan Speed during Cooling thermo-off                                                   |
|----------------------|---------------------------------------------------------------------------------------|
| 01: Standard         | Ultra-low                                                                             |
| 02: Modified setting | Keep current fan speed<br>(Fan speed is changed to low if current fan speed is auto.) |

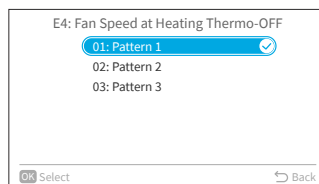
### 9.3.5 E4: Fan Speed at Heating Thermo-OFF

This function is used to adjust the indoor unit fan speed during heating thermo-off sequence. During that sequence, the intermittent indoor fan operation can be activated, with various patterns, to propose the best comfort on site.

- Step1. Select "E4: Fan Speed at Heating Thermo-OFF" on "3d: Cycle Operation" screen and press "OK".



- Step2. Press "^" or "v" to select the desired item and press "OK".  
Press "↶" to return to Step1.



The fan speed of each pattern setting depends on indoor unit model.  
Here is an example.

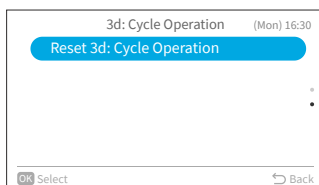
| Setting Value | Fan Speed during Heating thermo-off |
|---------------|-------------------------------------|
|               | Multi model indoor unit             |
| Pattern 1     | 30sec ON / 210sec OFF repeatedly    |
| Pattern 2     | 50sec ON / 190sec OFF repeatedly    |
| Pattern 3     | Continuous                          |

#### NOTE:

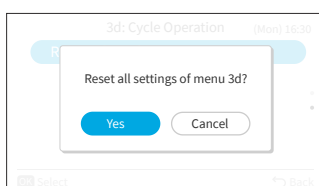
- This setting is available only for multi model, and it may take a long time to get information from indoor unit when setting this parameter. If the setting is not displayed on "3d: Cycle Operation" screen, please press "↶" to return to "Service Setting" screen, wait for a while and go to "3d: Cycle Operation" screen again.

### 9.3.6 Reset 3d: Cycle Operation

- Step1. Select "Reset 3d: Cycle Operation" on "3d: Cycle Operation" screen and press "OK".



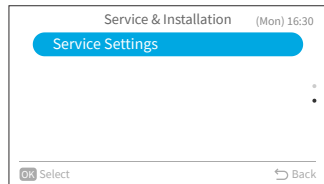
- Step2. Select "Yes" and press "OK" to reset all settings of menu 3d. After settings are initialized, it turns to home screen.



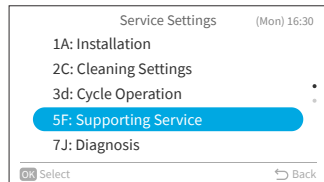
## 9. Service Settings

### 9.4 5F: Supporting Service

- Step1. Select "Service Settings" on "Service & Installation" screen and press "OK".



- Step2. Select "5F: Supporting Service" and press "OK".

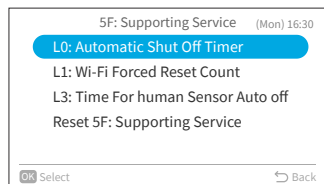


#### 9.4.1 L0: Automatic Shut Off Timer

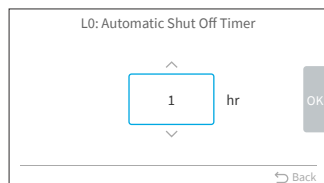
"Automatic Shut Off Timer" is the same feature that was previously referred to as the "Run On Timer" in some of wired remote controllers and indoor unit manuals.

This function is used to automatically shut off indoor unit after a predetermined period of time has elapsed since indoor unit started operation, to prevent forgetting to stop indoor unit operation and reduce power consumption.

- Step1. Select "L0: Automatic Shut Off Timer" on "5F: Supporting Service" screen and press "OK".

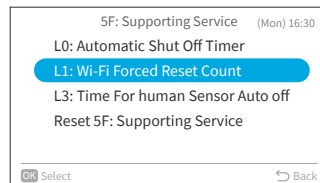


- Step2. Press "^" or "v" to change the timer value, then press ">" to select "OK" and press "OK". Then it returns to Step1.

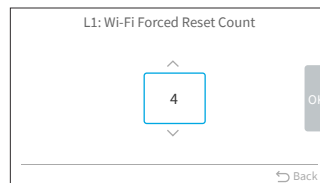


### 9.4.2 L1: Wi-Fi Forced Reset Count

- Step1. Select "L1: Wi-Fi Forced Reset Count" on "5F: Supporting Service" screen and press "OK".

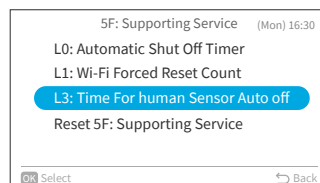


- Step2. Press "^" or "v" to change the reset count, then press ">" to select "OK" and press "OK". Then it returns to Step1.



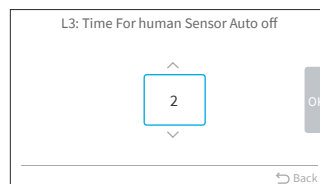
### 9.4.3 L3: Time For human Sensor Auto off

- Step1. Select "L3: Time For human Sensor Auto off" on "5F: Supporting Service" screen and press "OK".



- Step2. Press "^" or "v" to change the human absence detection time, then press ">" to select "OK" and press "OK". Then it returns to Step1. Adjustment value of absence time until Auto off execution is as follow.

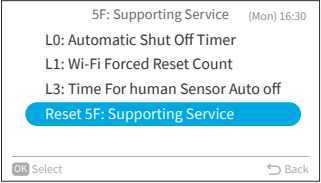
| Adjustment value | Time to do Auto off |
|------------------|---------------------|
| -3               | 20 min              |
| -2               | 30 min              |
| -1               | 40 min              |
| ±0               | 50 min(default)     |
| +1               | 60 min              |
| +2               | 90 min              |
| +3               | 120 min             |



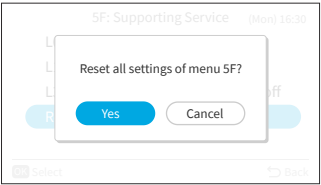
## 9. Service Settings

### 9.4.4 Reset 5F: Supporting Service

Step1. Select "Reset 5F: Supporting Service" on "5F: Supporting Service" screen and press "OK".

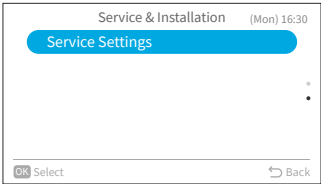


Step2. Select "Yes" and press "OK" to reset all settings of menu 5F. After settings are initialized, it turns to home screen.

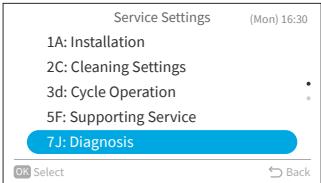


### 9.5 7J: Diagnosis

Step1. Select "Service Settings" on "Service & Installation" screen and press "OK".

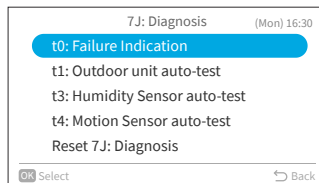


Step2. Select "7J: Diagnosis" and press "OK".



## 9.5.1 t0: Failure Indication

- Step1. Select "t0: Failure Indication" on "7J: Diagnosis" screen and press "OK".



- Step2. The failure indication screen is shown.

| t0: Failure Indication |      |
|------------------------|------|
| Unit                   | Code |
| IDU                    | 008  |
| ODU                    | 042  |
| IDU                    | 012  |
| IDU                    | 016  |
| ODU                    | 005  |

Back

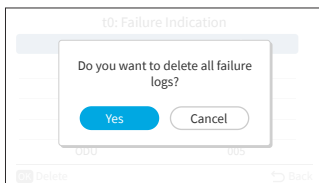
NOTE:

- Second time to go to t0 after indoor unit and wired remote controller is powered on: Failure indication screen with a "Delete".

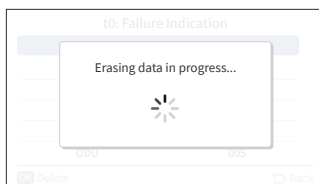
| t0: Failure Indication |      |
|------------------------|------|
| Unit                   | Code |
| IDU                    | 008  |
| ODU                    | 042  |
| IDU                    | 012  |
| IDU                    | 016  |
| ODU                    | 005  |

OK Delete Back

- Step3. Press "OK" and a reminder shows up. Select "Yes" and press "OK" to delete all failure logs.



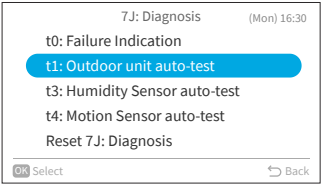
- Step4. After completing erasing, it turns to home screen.



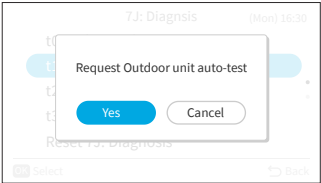
## 9. Service Settings

### 9.5.2 t1: Outdoor unit auto-test

Step1. Select "t1: Outdoor unit auto-test" on "7J: Diagnosis" screen and press "OK".

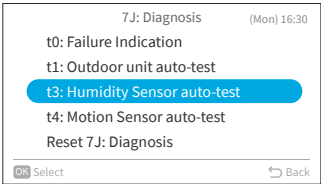


Step2. Select "Yes" and press "OK" to request outdoor unit auto-test. Then it returns to Step1.

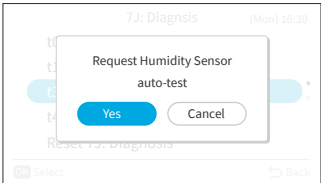


### 9.5.3 t3: Humidity Sensor auto-test

Step1. Select "t3: Humidity Sensor auto-test" on "7J: Diagnosis" screen and press "OK".

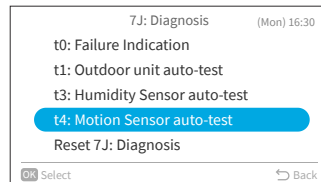


Step2. Select "Yes" and press "OK" to request humidity sensor auto-test. Then it returns to Step1.

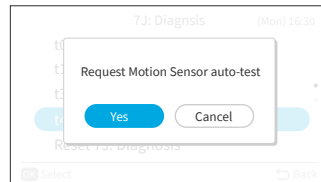


### 9.5.4 t4: Motion Sensor auto-test

- Step1. Select "t4: Motion Sensor auto-test" on "7J: Diagnosis" screen and press "OK".

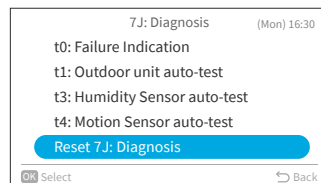


- Step2. Select "Yes" and press "OK" to request motion sensor auto-test. Then it returns to Step1.

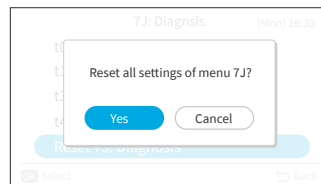


### 9.5.5 Reset 7J: Diagnosis

- Step1. Select "Reset 7J: Diagnosis" on "7J: Diagnosis" screen and press "OK".



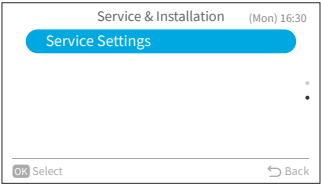
- Step2. Select "Yes" and press "OK" to reset all settings of menu 7J. After settings are initialized, it turns to home screen.



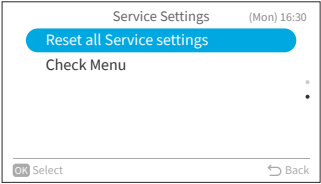
## 9. Service Settings

### 9.6 Reset All Service Settings

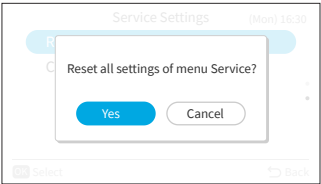
Step1. Select "Service Settings" on "Service & Installation" screen and press "OK".



Step2. Select "Reset all Service settings" and press "OK".



Step3. Select "Yes" and press "OK" to reset all service settings. After settings are initialized, it turns to home screen.

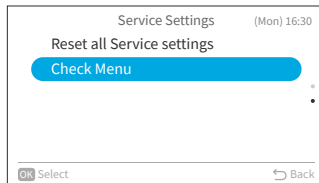


## 9.7 Check Menu

This menu displays various statuses of the air conditioner.

### 1. Enter Check Menu

- Step1. Select "Check Menu" on the "Service Settings" screen and press "OK".



Each "Check Menu" item and its function is explained in the following table.

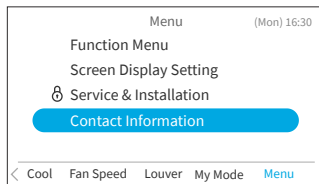
| Item                        | Function                                                                                                                                          |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Remote controller auto-test | The wired remote controller checkout process begins and various settings initialize.                                                              |
| Alarm History Display *     | Previous alarm history data including date, time, indoor unit number, and alarm code is displayed. (30 Max)<br>The alarm history can be deleted.* |

\* Press "OK" while the alarm history is displayed, the confirmation screen for deleting the alarm history is displayed. Select "Yes" and press "OK" to delete the alarm history.

## 10. Contact Information

The screen displays service contact information and the latest alarm code.

- Step1. Select "Contact Information" on the "Menu" screen and press "OK".



→Display service contact information and the latest alarm code.

Press "↶" to return to the "Menu" screen.

