

REMOTE CONTROLLER (WIRED TYPE)



UTY-RVRU

OPERATION MANUAL (full)

WIRED REMOTE CONTROLLER

Keep this manual for future reference.

English

OPERATION MANUAL (full)

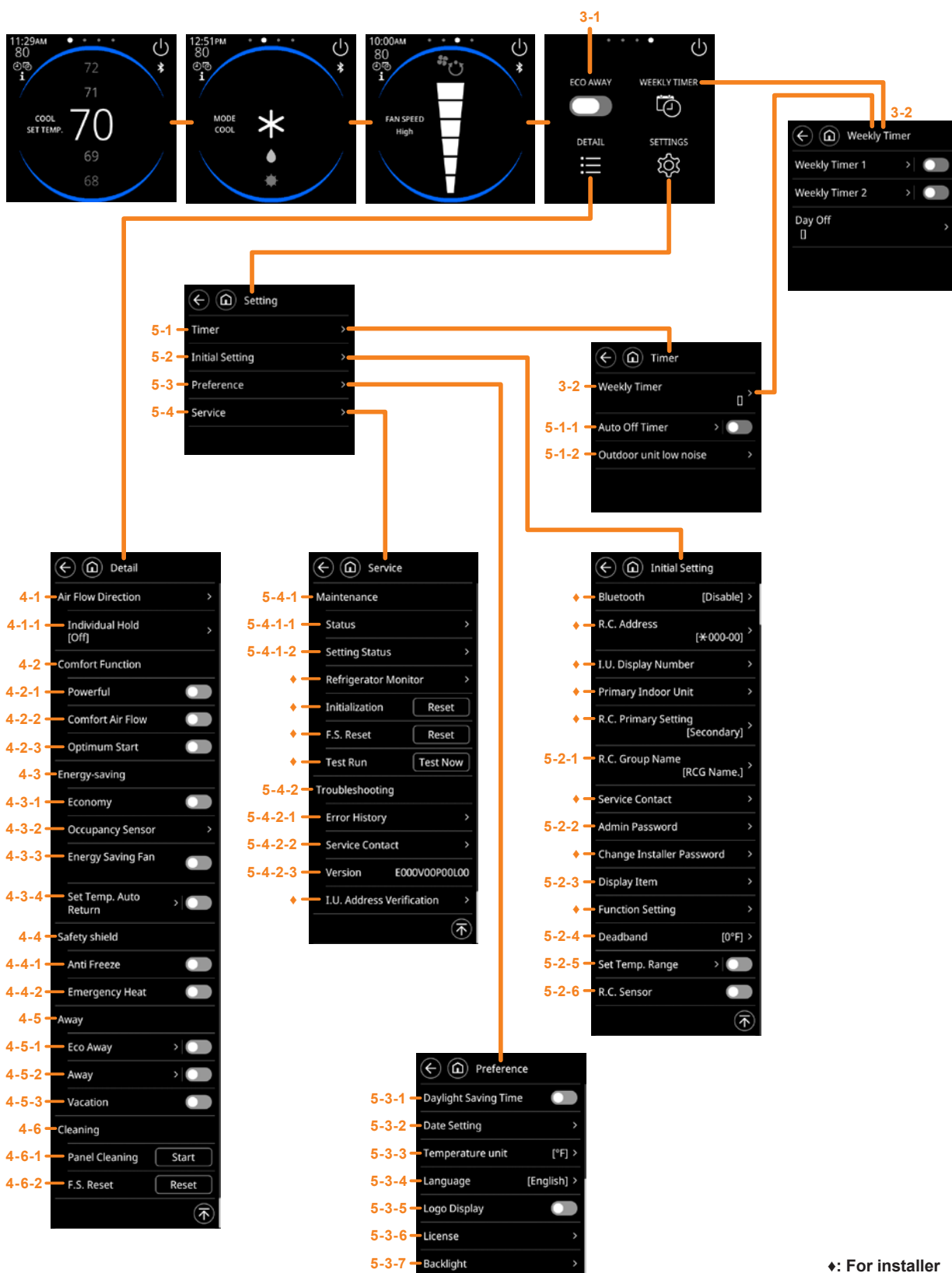
PART No. 9373329961-02
WIRED REMOTE CONTROLLER

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Screen structure




1 INTRODUCTION

1-1 Safety precautions

- The "SAFETY PRECAUTIONS" indicated in the manual contain important information pertaining to your safety. Be sure to observe them.

 WARNING	This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.
In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.	
Do not repair or modify any damaged cable by yourself. Let the authorized service personnel to do it. Improper work will cause an electric shock or a fire.	
When moving, consult authorized service personnel for uninstallation and installation of this unit.	
Do not touch with wet hands. It may cause an electric shock.	
If children may approach the unit, take preventive measures so that they cannot reach the unit.	
Do not repair or modify by yourself. It may cause a fault or accident.	
Do not use flammable gases near the unit. It may cause a fire from leaking gas.	
Dispose of the packing materials safely. Tear and dispose of the plastic packing bags so that children cannot play with them. There is the danger of suffocation if children play with the original plastic bags.	
This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.	

 CAUTION	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user or damage to property.
Do not set vessels containing a liquid on this unit. Doing so will cause heating, fire or electric shock.	
Do not expose this unit directly to water. Doing so will cause trouble, electric shock or heating.	
Do not place electrical devices within 40 in (1 m) of this unit. It may cause malfunction or failure.	
Do not use fire near this unit or place a heating apparatus nearby. It may cause malfunction.	
Do not touch the switches with sharp objects. Doing so will cause injury, trouble, or electric shock.	
Do not insert articles into the slit parts of this unit. Doing so will cause trouble, heating, or electric shock.	

1-2 System outline

1-2-1 Terminology

System related terms (◆ is for VRF system)

- VRF system ◆:**
VRF (Variable Refrigerant Flow) is a large multi-split system that effectively air conditions a wide variety of spaces from large buildings to personal residences.
- Other system:**
Multi-split or single-split type air conditioning system other than VRF system.
- Heat recovery system ◆:**
The indoor unit connects to the outdoor unit via an RB unit in this system. RB units of single type and 4-system multi type are available. When a certain RB Group indoor units are performing cooling operation, other RB Group indoor units can perform heating operation. Refer to (e) for RB Group. An indoor unit connected to an outdoor unit without going through an RB unit are for cooling only.
- Heat pump system:**
This is standard system. In this system, the indoor units cannot perform the cooling operation and the heating operation at the same time.
- RB Group [for heat recovery system] ◆:**
A group of indoor units connected to a single type RB unit or each system of a multi type RB unit. In the RB Group, the indoor units cannot perform cooling operation and heating operation at the same time.
- R.C. Group (Remote Controller Group):**
This forms a group by connecting indoor units by remote controller cable. One indoor unit which is ungrouped is an R.C. Group, too. It is the minimum unit of operation.
- Refrigeration system:**
This is a system composed of indoor units and outdoor units connected by the same refrigerant piping.
- System ◆:**
This is 1 or 2 or more refrigerant systems connected by the same transmission cable.
- Central controller ◆:**
A central remote controller can control multiple R.C. Groups. There is a system controller, Touch panel controller, and a central remote controller.
- Standard remote controller:**
A standard remote controller can control 1 R.C. Group only. This unit corresponds to this. This unit cannot be used together with a 3-wire wired remote controller. A wireless remote controller can be used together with this unit.

Address related terms

- Indoor unit address ◆:**
This is an ID individually assigned to each indoor unit.
- Remote controller address:**
This is an ID individually assigned separately from the indoor unit address to indoor units which form an R.C. Group.

1-2-2 Password configuration

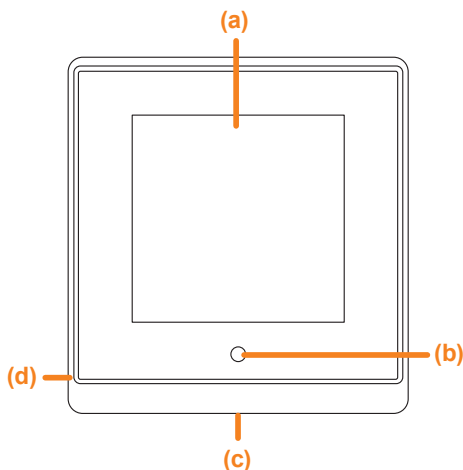
This unit can set the following 2 kinds of passwords:

- (a) Admin password
This is a password for administrator. Password is requested by the setting which requires management. For a description of password setting and change, refer to [5 Setting] → [5-2 Initial setting] → [5-2-2 Admin password] .
- (b) Installer password
This password is requested for important settings at installation.

NOTE

If you forget your password, contact your local dealer.

1-3 Name of parts



(a) Touch screen

It can be operated by tapping or swiping.

NOTE

Operate with your finger or stylus pen (not included). Do not touch the screen with a hard or sharp object as it may cause a malfunction.

(b) Ambient light sensor

Detects the brightness around the controller.

(c) Operation lamp

Lights while the indoor unit is operating. Blinks when an error is detected.

(d) Room temperature sensor (inside)

Detects the temperature around the controller.

1-4 Before operation or setting

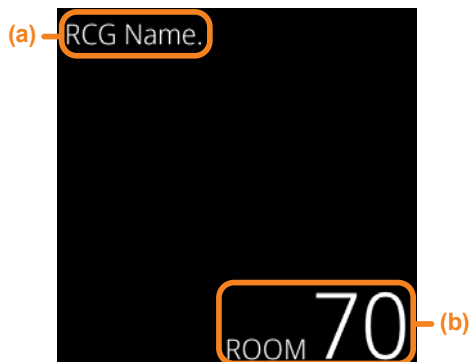
1-4-1 Wake the controller

If the standby screen is displayed, tap the screen to display the temperature setting screen (home screen).

1-4-2 Standby mode screen

The standby mode screen varies depending on the settings.

■ Example of standby mode screen



(a) Remote controller group name

(b) Room temperature (Fahrenheit or Celsius)

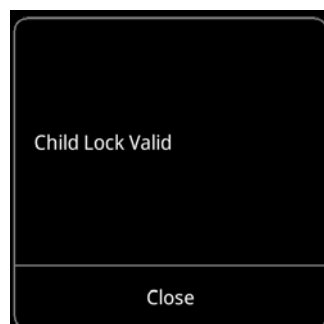
NOTES

- If there is no operation for a certain period of time, the controller will display the standby mode screen.
- The time until the standby mode can be set to 30 seconds, 60 seconds, 90 seconds, or 120 seconds. For details, refer to "5-3-7-4 Automatic Off Time".

1-4-3 Child safety lock

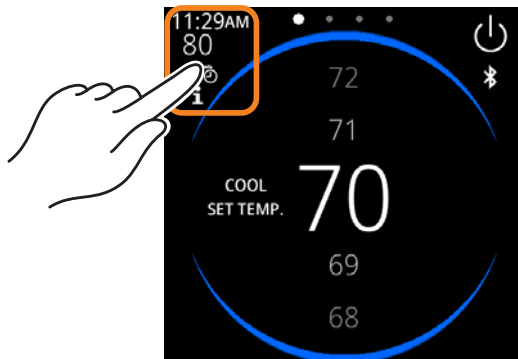
If you tap the screen and this screen is displayed, the child safety lock was set.

Release the child safety lock to operate or setting the controller.



■ Child safety lock set/release:

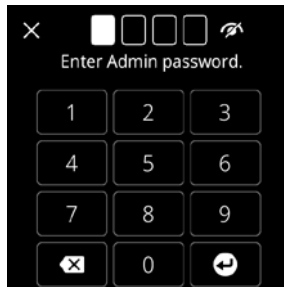
Press and hold the information area on the main screens for 5 seconds or longer to set/release the child safety lock.



1-4-4 Password

■ Password screen

A password has been set for the items on which this screen is displayed. Check the password or operation permissions with the administrator.

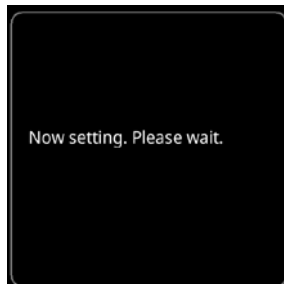


1-4-5 Message screen

The message screens have the following types.

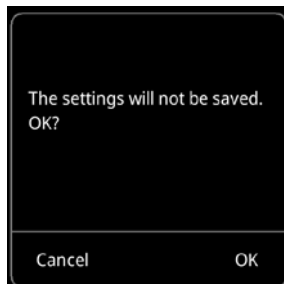
■ Type of without buttons

It will close automatically when the process is completed.



■ Type of with "Cancel / OK" or "No / Yes" button

Tap [OK] or [Cancel] along the choice to close it.



■ Type of with "Close" button

After checking the contents, tap Close button to close it.



2 BASIC OPERATION

2-1 Main screen configuration

The main screen has 3 basic operation screens and 1 other setting screen.



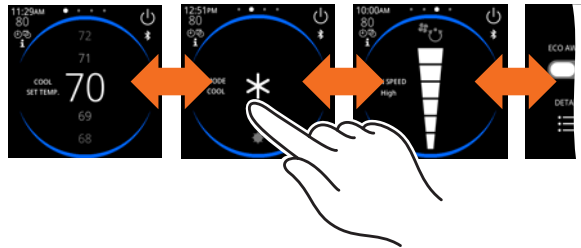
Room temp.

Operation mode

Fan speed

Other settings

Swipe left or right to move between pages.

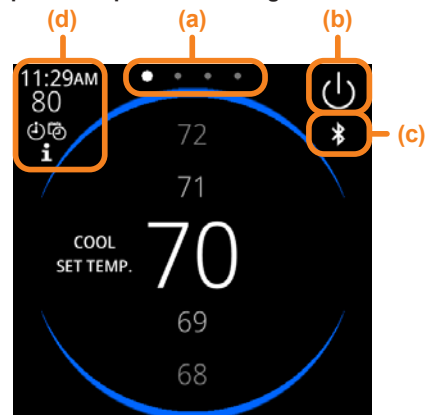


NOTE

Some screens may not be displayed depending on the settings.

2-1-1 Explanation of items common to the main screen.

■ Example of temperature setting screen



(a) Page indicator

Shows the order of pages and the displayed page.

(b) Operation On/Off button

Tap to operation start or stop the air conditioner.

(c) Bluetooth icon

It will be displayed when Bluetooth is enabled. This display is intended for installers and service personnel.

(d) Information area

The displayed contents differ depending on the screen and settings.

Tap here to move to the status screen. For details, refer to "5-4-1-1 Status"

When an error occurs, an error icon is displayed.

■ Status icons



The Weekly Timer is set.



The Auto Off Timer is set.



There are other settings.

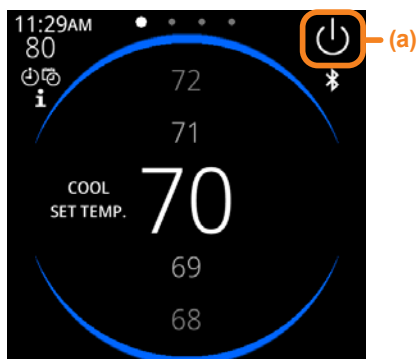


The error occurred.

2-2 Operation On/Off

Tap Operation On/Off button to air conditioner On/Off.

■ Example of temperature screen



(a) Operation On/Off button

Tap to operation start or stop the air conditioner.

Operation on:

Operation lamp lights up.
(The color of the lamp differs depending on the operation mode.)



Operation off:

Operation lamp goes off.

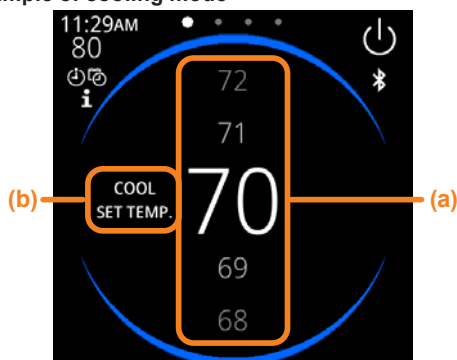


2-3 Temperature setting

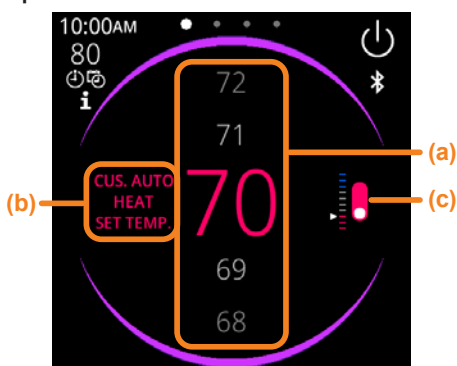
2-3-1 Temperature screen

This is the home screen of this product.

■ Example of cooling mode



■ Example of custom auto mode



(a) Temperature setting area

Swipe up or down to set the temperature.

(b) Operation mode

The operation mode is displayed.

(c) Cooling/heating switching button

Switches the cooling/heating temperature setting screen.
Displayed only in custom auto mode.

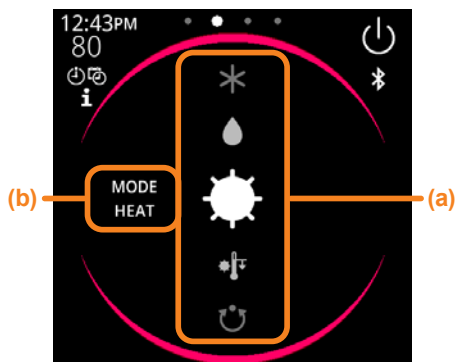
NOTES

- The temperature unit, display color, and format vary depending on the settings and operation mode.
- When the operation mode is FAN, the temperature cannot be set.
- The temperature that can be set depends on the indoor unit model.

2-4 Operation mode setting

NOTE

The operation modes that can be set differ depending on the indoor unit model, air conditioner system, and controller settings.



(a) Operation mode setting area

Swipe up or down to select the operation mode.

(b) Operation mode

The operation mode is displayed.

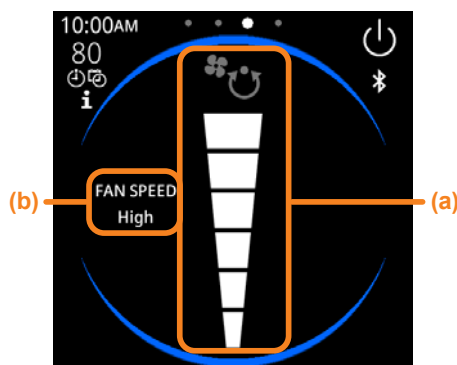
■ Operation mode icons

COOL		DRY	
HEAT		MINIMUM HEAT	
CUSTOM AUTO		FAN	

2-5 Fan speed setting

NOTE

The fan speed that can be set depends on the indoor unit model, air conditioner system, or controller settings.



(a) Fan speed setting area

Swipe up or down to set the fan speed.

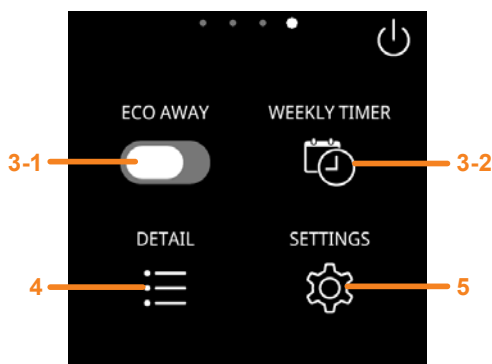
[] is AUTO.

(b) Fan speed

Displays the set fan speed.

3 Other settings

■ Other settings screen



3-1 Eco Away

When temporarily unattended, enable this function to operate at a preset temperature.

■ Start the Eco away operation

Tap the toggle button on the screen.



■ Stop the Eco away operation

Tap [Cancel] on the message screen.



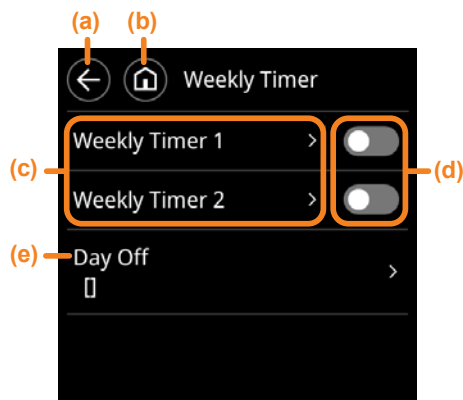
Refer to "4-5-1 Eco Away (setting)" for setting the operating temperature while away.

NOTES

- The timer will not work while Eco away is enable.
- Eco away cannot be used under the following conditions.
 - During operation Off
 - During fan operation
 - During minimum heat operation
 - During antifreeze operation

3-2 Weekly Timer

3-2-1 Weekly timer screen



- (a) **back button**
Tap to return to the previous screen.
- (b) **home button**
Tap to move to the temperature setting screen (home screen).
- (c) **Weekly timer 1, 2**
Weekly operation schedule can be set. Two schedule patterns can be created. Up to 8 times setting for each day can be set.
- (d) **Toggle button**
Enables/disables the weekly timer.
Weekly timer 1 and 2 cannot be enabled at the same time.



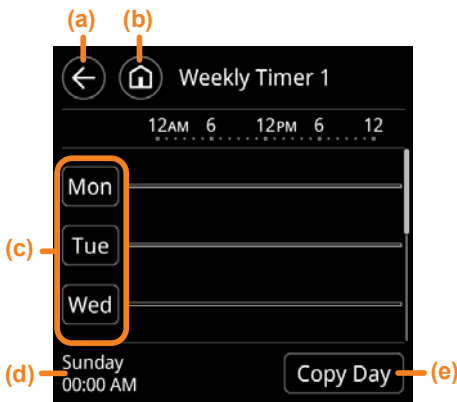
- (e) **Day off (refer to 3-2-8 Day Off screen)**
Set the day of the week of which Weekly Timer is to be temporarily disabled. When the set day has passed, the setting is cleared.

3-2-2 Day selection screen

Select the days of the week to create the schedule. You can copy the created schedule to other days of the week.

NOTE

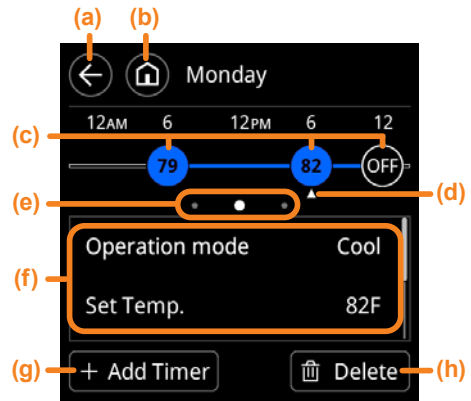
The time format depends on the setting. Refer to “5-3-2-4 Time Format”.



- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).
- (c) **Day selection menu**
Tap to move to the “1 day schedule setting screen”.
Swipe up or down on this area to view days that are not visible. Refer to “3-2-3 One day schedule setting screen”.
- (d) **Clock**
- (e) **Copy Day button**
Tap here to start copying the created schedule for the day of the week.

3-2-3 One day schedule setting screen

Create a schedule for the day. Add events and set mode, temperature, and On/Off.



- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).
- (c) **Event icon**
The icon display differs depending on the setting.

■ Event icon example

Event icon	Detail
	Mode: Cool, Temperature: 75°F
	Mode: Dry, Temperature: 75°F
	Mode: Heat or Minimum Heat, Temperature: 75°F
	Mode: Custom Auto, Temperature; Cool: 82°F, Heat: 79°F
	Mode: Fan
	Operation: OFF

- (d) **Active marker**
Appears on the icon that is selected or being set.
- (e) **Event selector**
The same number of points as the icons are displayed at regular intervals. If the icons are overlapping and difficult to select, tap here.
- (f) **Setting menu**
Set event details. Tap to move to each setting screen.
Set the following items.
 - Operation mode (refer to 3-2-4.)
 - Set Temp. (refer to 3-2-5.)
 - Time (refer to 3-2-6.)
 - Operation Setting (refer to 3-2-7.)
- (g) **Add Event button**
Tap here to create a new event or add one.
- (h) **Delete button**
Tap here to delete the event with the active marker displayed.

3-2-4 Operation mode screen



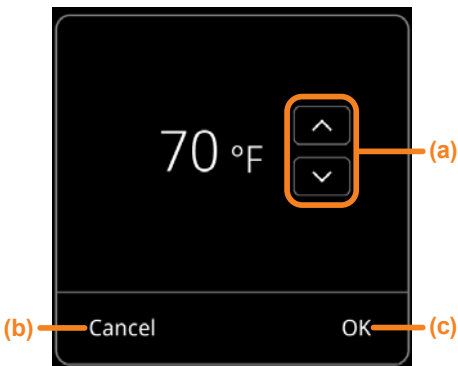
- (a) **Operation mode menu**
Select and tap a operation mode. Swipe up or down on any hidden items.

NOTE

If set “3-2-7 Operation Setting screen” to “OFF”, do not need to set this item.

- (b) **Cancel button**
Tap to display a confirmation screen. Tap [OK] on the confirmation screen to return to the previous screen.
- (c) **OK button**
Tap to confirm the setting and return to the previous screen.
When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.

3-2-5 Set Temp. screen



- (a) **Temperature setting button**
Tap the button to set the temperature.

NOTES

- This item cannot be set when “FAN” mode is selected in “3-2-4 Operation mode screen”.
- If set “3-2-7 Operation Setting screen” to “OFF”, do not need to set this item.

- (b) **Cancel button**
Tap to display a confirmation screen. Tap [OK] on the confirmation screen to return to the previous screen.
- (c) **OK button**
Tap to confirm the setting and return to the previous screen.
When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.

3-2-6 Time screen



- (a) **Time setting button**
When tap each item of “Hour”, “Minute” and “AM/PM”, each selection screen is displayed. Swipe up or down to select an item, and tap [X] above the item to confirm.

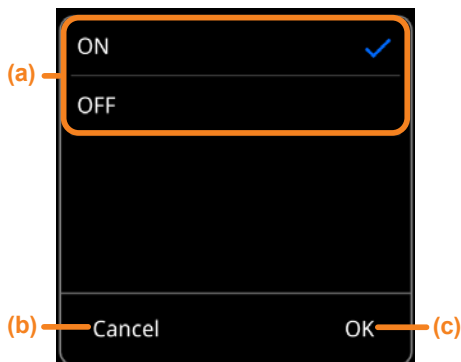


NOTE

The time format depends on the setting. Refer to “5-3-2-4 Time Format”.

- (b) **Cancel button**
Tap to display a confirmation screen. Tap [OK] on the confirmation screen to return to the previous screen.
- (c) **OK button**
Tap to confirm the setting and return to the previous screen.
When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.

3-2-7 Operation Setting screen



- (a) **Operation menu**
Tap the button to set ON/OFF.

NOTE

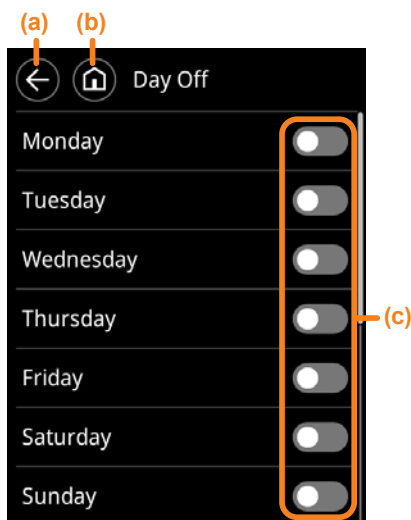
If this item is set to "OFF", the following items do not need to be set.

- Operation mode (refer to 3-2-4.)
- Set Temp. (refer to 3-2-5.)

- (b) **Cancel button**
Tap to display a confirmation screen. Tap [OK] on the confirmation screen to return to the previous screen.

- (c) **OK button**
Tap to confirm the setting and return to the previous screen.
When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.

3-2-8 Day Off screen



- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).

(c) **Toggle button**

Enable the days of the week when timer operation is not performed.

Enable



Disable



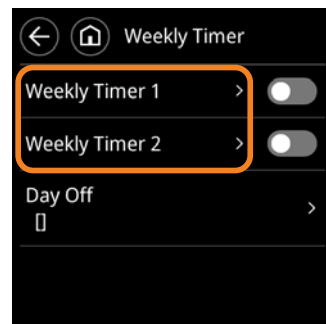
NOTE

This item is reset after the day of the week.

3-2-9 Create the schedule

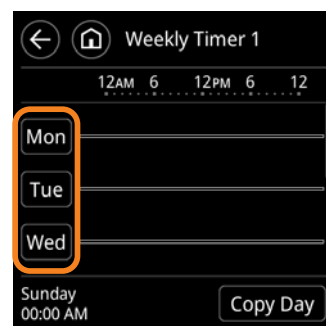
■Select timer

Tap the timer (1 or 2) to create the schedule.

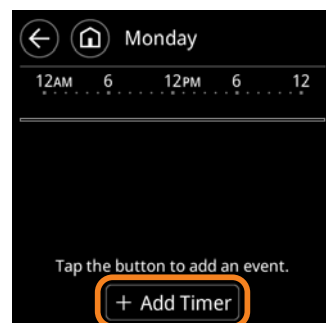


■Create a schedule for any day of the week

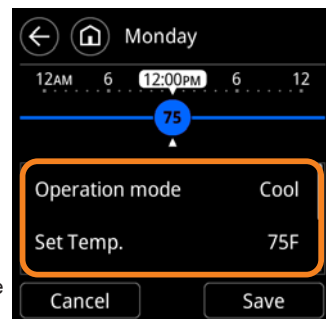
- (1) Tap the day of the week to create the schedule.



- (2) Tap [+ Add Timer] to add an event.



- (3) Tap the following items of the added event to set them. Swipe up or down on items you cannot see.
"Operation mode"
"Set Temp."
"Time"
"Operation settings (On/Off)"

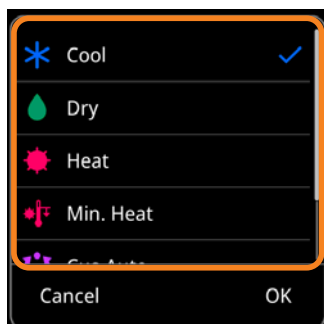


- (4) When all settings are completed, tap [OK].

■Operation mode

* This item does not need to be set when operation Off.

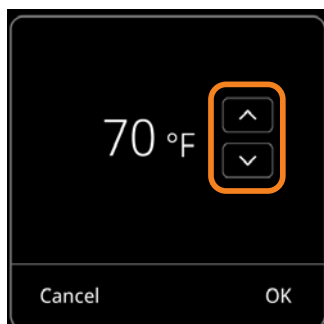
- (1) Swipe up or down to select an operation mode, then tap.
- (2) Tap [OK].



■Set Temp.

* This item does not need to be set when operation Off.

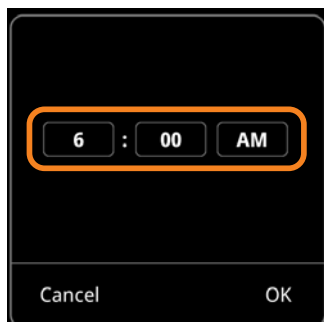
- (1) Set the temperature with [^] or [v].
- (2) Tap [OK].



■Time

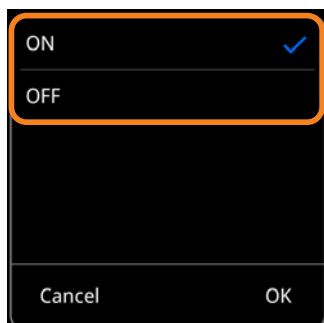
* The display format of the time depends on the setting.

- (1) Tap the Hour, Minute, AM/PM (if available) item to select from the open list.
- (2) Tap [OK].



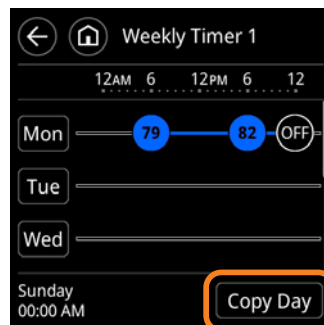
■Operation setting (On/Off)

- (1) Tap [ON] or [OFF].
- (2) Tap [OK].

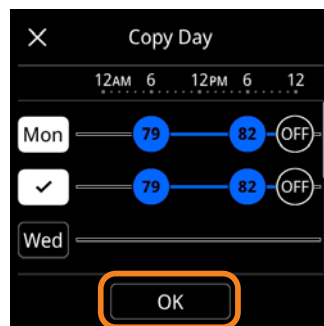


■Copy day

- (1) Tap [Copy Day].
- (2) Select the day of the week to copy.
- (3) Select the day of the week to paste.



- (4) Tap [OK].

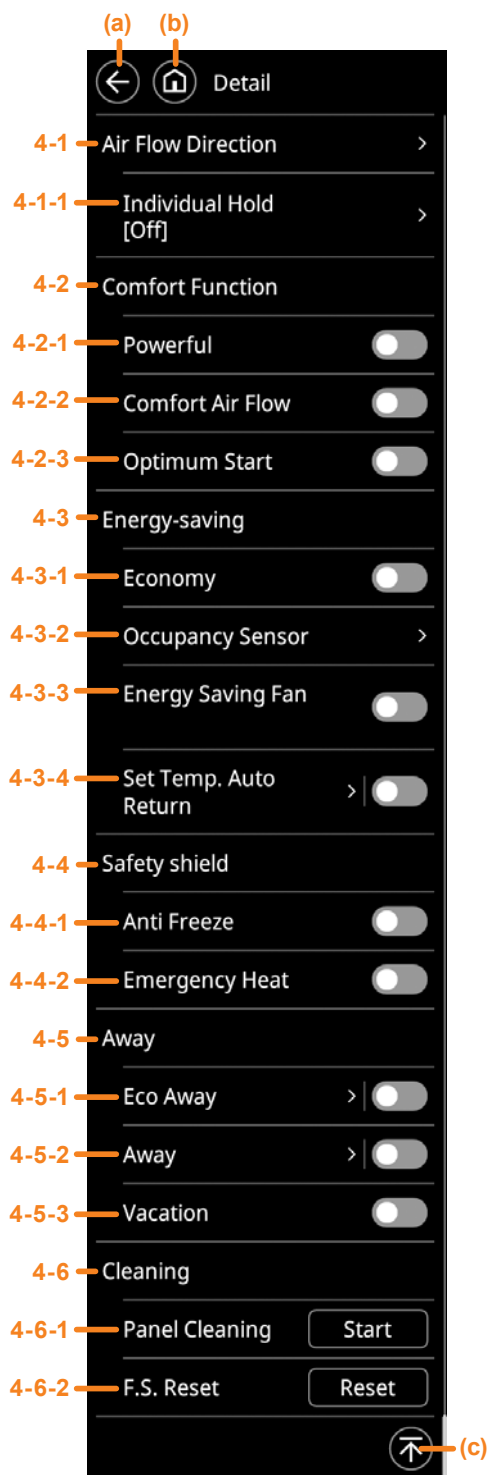


4 Detail

NOTE

Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.

For each description, refer to the appropriate heading number.



(a) Backward button

Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Back to top button

Tap to display the top of the scroll screen.

4-1 Air Flow Direction

(a) Air Flow Direction

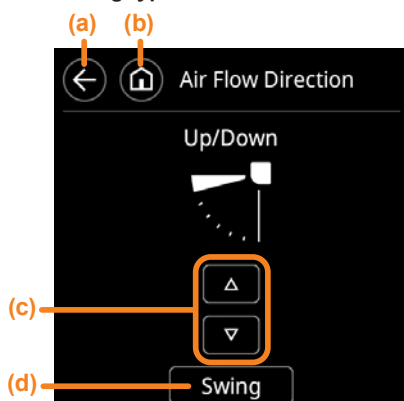
(a) Air flow direction menu

Tap to move to the "Air Flow direction" screen.

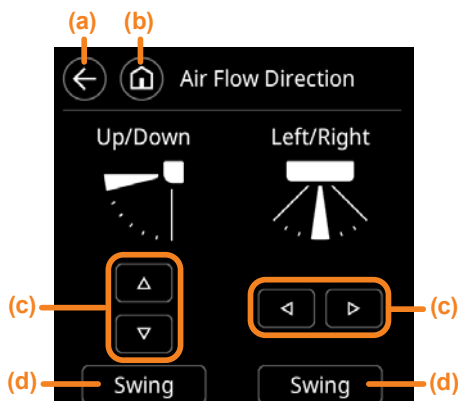
NOTE

The setting screen differs depending on the type of indoor unit.

■ Up/down swing type



■ Up/down and left/right swing type



(a) Backward button

Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Air flow direction adjust button

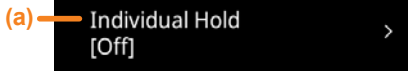
Tap to adjust the air flow direction.

(d) Swing button

Tap this button to swing. To release the swing, set the air flow direction.

4-1-1 Individual hold

Individually set the airflow direction or swing for indoor units with multiple air outlets.



(a) Individual Hold menu

Tap to move to the "Individual hold" screen.

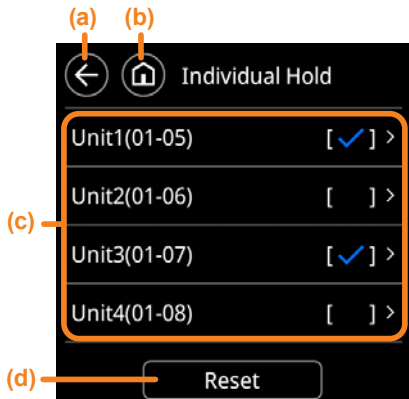
NOTE

This function can only be used with compatible indoor units.

Step 1. Selecting the indoor unit to set

Tap the indoor unit to be set to move to the air outlet selection screen.

■ Individual Hold screen (indoor unit list)



(a) Backward button

Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Indoor unit list

Tap the indoor unit to be set to move to the air outlet selection screen. The indoor units that have already been set have a blue check mark. Go to Step 2. Selecting the air outlet to set.

NOTE

The number of indoor units displayed varies depending on the system.

(d) Reset button

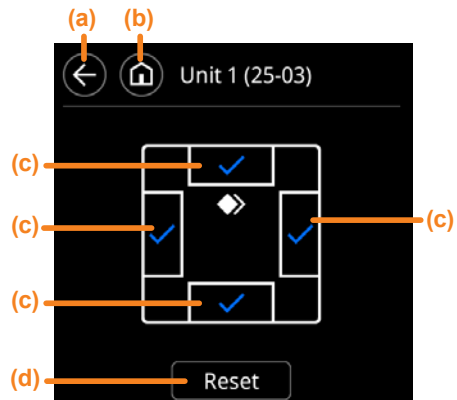
Tap to initialize all settings on this screen.

Step 2. Selecting the air outlet to set

Tap the air outlet to be set to move to the airflow direction selection screen.

■ Unit screen (air outlet selection)

Cassette type



(a) Backward button

Tap to return to the previous screen. When setting the other indoor unit, tap this button.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Air outlet select button

Tap the air outlet to be set to move to the airflow direction selection screen. The air outlets that have already been set have a blue check mark. Go to Step 3. Airflow direction or swing setting.

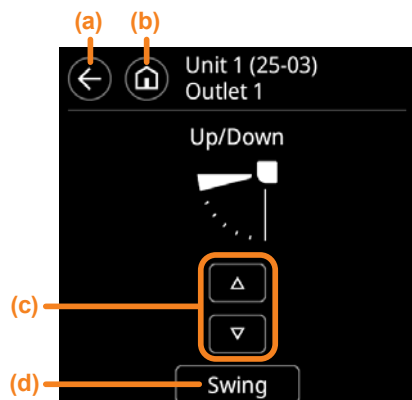
(d) Reset button

Tap to initialize all settings on this screen.

Step 3. Airflow direction or swing setting

Tap to adjust the airflow direction.

■ Outlet screen (adjust airflow direction)



(a) Backward button

Tap to return to the previous screen. When setting the other air outlet, tap this button.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Airflow direction adjust button

Tap to adjust the airflow direction.

(d) Swing button

Tap [Swing] to swing. To release the swing, set the airflow direction.

4-2 Comfort Function

4-2-1 Powerful

In the Powerful operation, the air conditioner will operate at maximum power and strong airflow to cool down or warm up the room quickly.



(a) Toggle button

Tap to toggle enable/disable.



NOTE

Powerful operation ends automatically and switches to normal operation. For details, refer to the operation manual of the indoor unit.

4-2-2 Comfort Air Flow

It automatically adjusts the direction of the wind to deliver airflow throughout the room.



(a) Toggle button

Tap to toggle enable/disable.

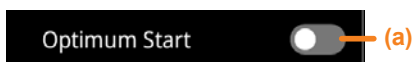


4-2-3 Optimum start

Preceding operation is performed so that the temperature becomes appropriate when the weekly timer starts operating.

NOTE

To use this function, a weekly timer (refer to "3-2") must be set, and enable R.C. sensor (refer to "5-2-6").



(a) Toggle button

Tap to toggle enable/disable.



4-3 Energy-saving

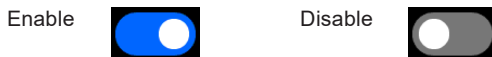
4-3-1 Economy

Reduces power consumption by operating with reduced capacity.

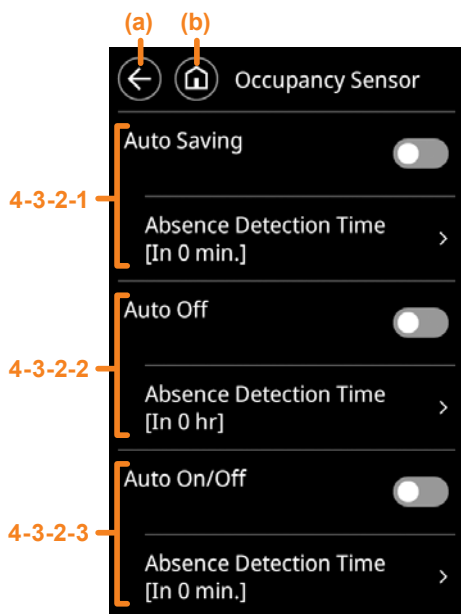


(a) Toggle button

Tap to toggle enable/disable.



4-3-2 Occupancy sensor



(a) Backward button

Tap to return to the previous screen.

(b) Home button

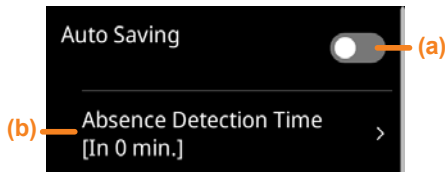
Tap to move to the temperature setting screen (home screen).

4-3-2-1 Auto Saving

When the absence continues for the set time, the operation switches to energy saving operation.
If no one enters the room during the set time (15, 30, 60, 90, 120, 180 minutes), the set temperature will be automatically controlled.
(When someone comes back into the room, the human sensor will detect this, and automatically revert to the original settings.)

NOTE

For details of Auto Saving, refer to the operation manual of the indoor unit.



(a) Toggle button

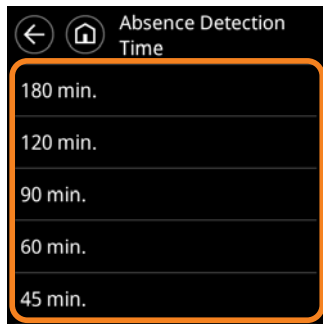
Tap to toggle enable/disable.



(b) Set time menu

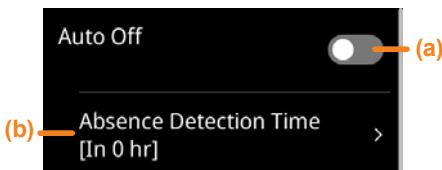
Tap the "Absence Detection Time" and set the time.

- (1) Swipe up or down to select the detection time and tap it.
- (2) Tap [⏪] to return to the previous screen.



4-3-2-2 Auto Off

When the absence continues for the set time, indoor unit operation stops.
If no one enters the room during the set time (1 to 24 hours in 1 hour increments), the air conditioner will automatically stop operation.



(a) Toggle button

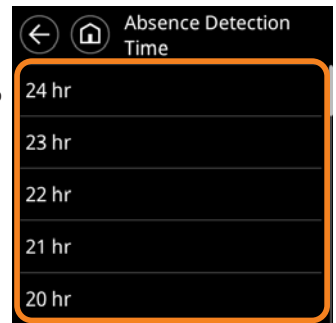
Tap to toggle enable/disable.



(b) Set time menu

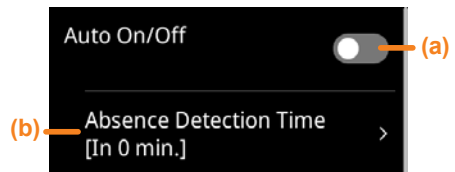
Tap the "Absence Detection Time" and set the time.

- (1) Swipe up or down to select the detection time and tap it.
- (2) Tap [⏪] to return to the previous screen.



4-3-2-3 Auto On/Off

When the absence continues for the set time, indoor unit operation stops, and resumes operation when a person is detected.
If no one enters the room during the set time (15, 30, 60, 90, 120, 180 minutes), the air conditioner will automatically stop operation.
(When someone comes back into the room, the human sensor will detect this, and automatically revert to the original settings.)



(a) Toggle button

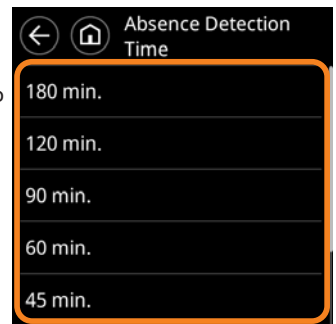
Tap to toggle enable/disable.



(b) Set time menu

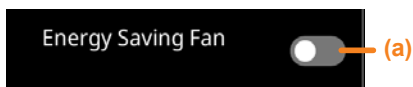
Tap the "Absence Detection Time" and set the time.

- (1) Swipe up or down to select the detection time and tap it.
- (2) Tap [⏪] to return to the previous screen.



4-3-3 Energy saving fan

When the set temperature is reached during cooling operation, the fan operates intermittently and power is saved.



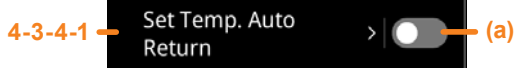
(a) Toggle button

Tap to toggle enable/disable.



4-3-4 Set Temp. Auto Return

Even if the temperature setting is changed during Cool or Heat mode operation, after the set time, the temperature automatically returns to the set temperature.

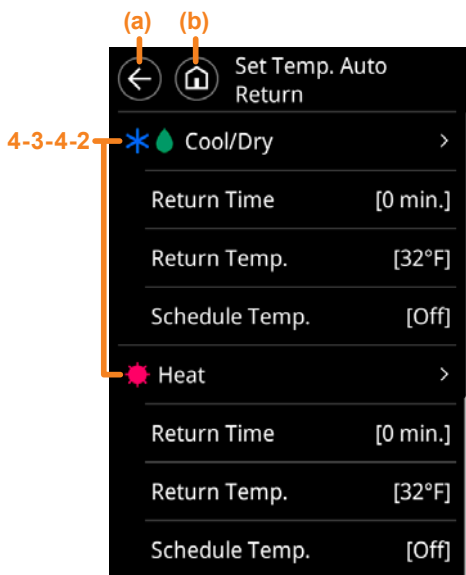


(a) Toggle button

Tap to toggle enable/disable.



4-3-4-1 Set Temp. Auto Return (settings menu)



(a) Backward button

Tap to return to the previous screen.

(b) Home button

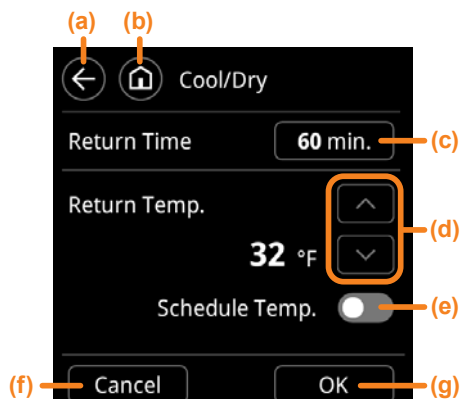
Tap to move to the temperature setting screen (home screen).

4-3-4-2 Cool/Dry or Heat (setting)

NOTE

The setting method for Cool/Dry and Heat is the same.

■ Example of the Cool/Dry screen



(a) Backward button

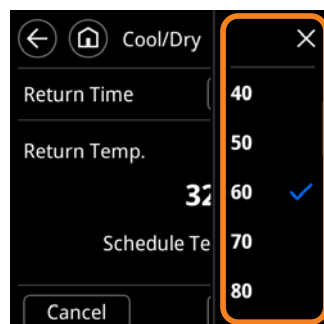
Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Return time setting button

Tap to select a time from the pull-down menu. It can be set in units of 10 minutes in the range of 10 to 240 minutes. To close the pull-down menu, tap [X] at the top.



(d) Return temperature setting button

Tap to set the return temperature. This setting is not necessary if the return temperature is set to the weekly timer setting.

(a) Schedule temperature toggle button

When enabled, the return temperature will be the weekly timer setting. To use this function, need to set the weekly timer.



(b) Cancel button

Tap to display a confirmation screen. Tap [OK] on the confirmation screen to return to the previous screen.

(c) OK button

Tap to confirm the setting and return to the previous screen. When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.

4-4 Safety shield

4-4-1 Anti Freeze

Anti Freeze is a function that performs low temperature heating operation to prevent freezing of water lines and equipment, when air conditioning operation is off, in regions where outside temperature may drop below freezing.

NOTE

If water lines are far from the unit or within exterior walls, this function may not provide enough anti freeze protection.



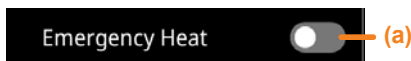
(a) Toggle button

Tap to toggle enable/disable.



4-4-2 Emergency Heat

Auxiliary heater will be primary heater, and the outdoor unit will stop.



(a) Toggle button

Tap to toggle enable/disable.



4-5 Away

4-5-1 Eco Away (setting)

By switching to the specified operating temperature when unattended, power consumption can be reduced.

NOTE

The timer will not work while Eco away is enable.



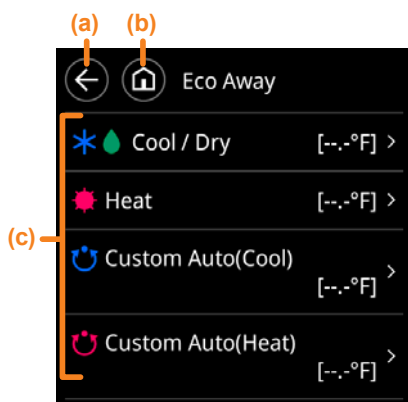
(a) Toggle button

Tap to toggle enable/disable.



4-5-1-1 Eco Away (temperature setting)

Set the operating temperature when unattended.



(a) Backward button

Tap to return to the previous screen.

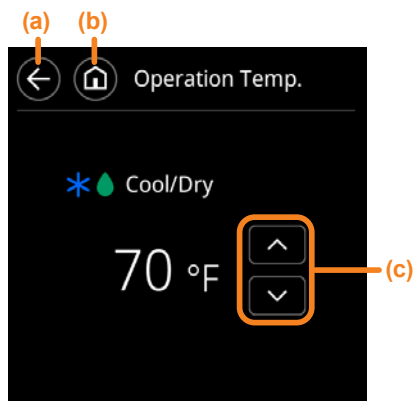
(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Operation Temp. menu

Tap to move to the temperature setting screen for each mode.

■ Example of Cool/Dry mode



(a) Backward button

Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Temperature setting button

Tap to set the operating temperature.

NOTE

The temperature setting range varies depending on the indoor unit and function settings at installation.

4-5-2 Away

When operation stopped, it switches to indoor protection operation.

NOTE

This function requires R.C. sensor to be enabled. Refer to "5-2-6 R.C. (Remote Controller) Sensor".



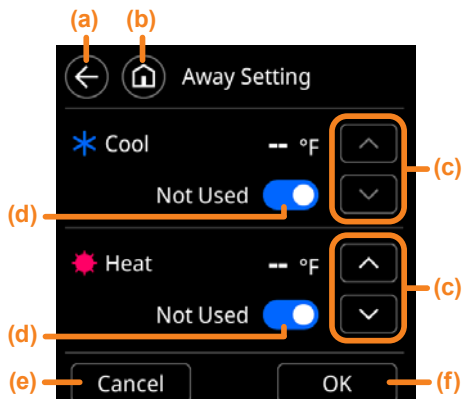
(a) Toggle button

Tap to toggle enable/disable.



4-5-2-1 Away Setting

Set the operating temperature when unattended.



(a) Backward button

Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Temperature setting button

Tap to set the operating temperature.

(d) Toggle button

When "Cool" or "Heat" is not used, tap to set enable.



(e) Cancel button

Tap to display a confirmation screen. Tap [OK] to cancel the settings and return to the previous screen.

(f) OK button

When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.

4-5-3 Vacation

This function disables the weekly timer when the machine is left unattended for a long period of time, such as on vacation.

NOTE

Disable can also be set in the weekly timer setting. Refer to "3-2 Weekly Timer".



(a) Toggle button

Tap to toggle enable/disable.



4-6 Cleaning

4-6-1 Panel Cleaning

Operation is prohibited for 30 seconds to prevent erroneous operation due to cleaning.

NOTE

When cleaning the touch screen panel, wipe with a soft and dry cloth. Do not use water, harsh abrasive cleansers, or volatile agents like benzene or thinner.



(a) Test Now button

When tap [Start], the display panel will not respond to wiping for 30 seconds.

4-6-2 F.S. (Filter Sign) Reset

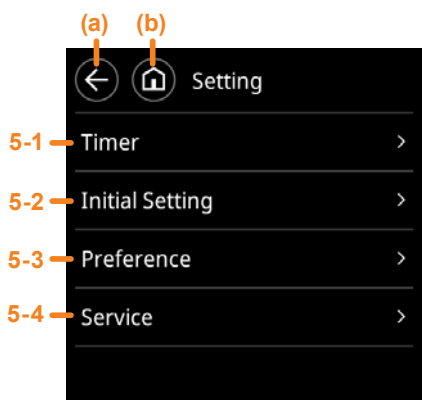
After cleaning the filter, reset the filter sign.



(a) Reset button

Tap [Reset] to reset the filter sign.

5 Setting



(a) Backward button

Tap to return to the previous screen.

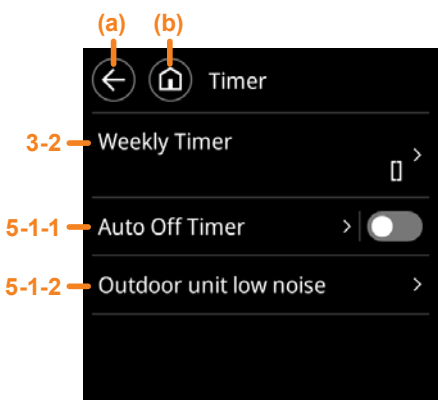
(b) Home button

Tap to move to the temperature setting screen (home screen).

5-1 Timer

NOTE

Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.



(a) Backward button

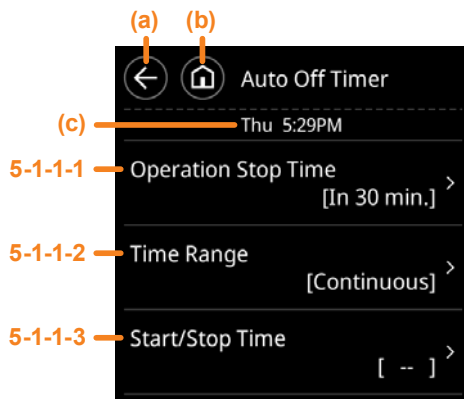
Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

5-1-1 Auto Off Timer

When indoor unit operation is started by the Operation button of this unit, operation stops after the set time.



(a) Backward button

Tap to return to the previous screen.

(b) Home button

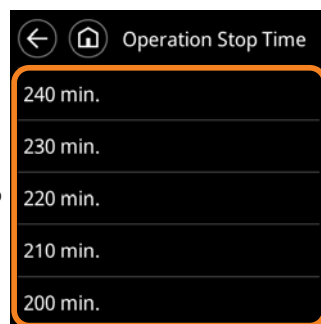
Tap to move to the temperature setting screen (home screen).

(c) Clock

5-1-1-1 Operation Stop Time

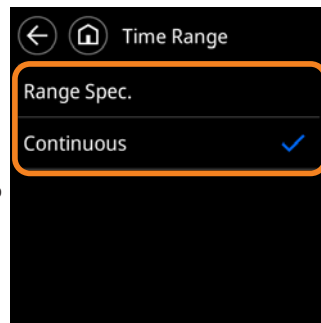
Set the time from operation start to automatic stop.

- (1) Swipe up or down to select the stop time and tap it.
Set in 10 minute increments from 30 minutes to 240 minutes.
- (2) Tap [←] to return to the previous screen.



5-1-1-2 Time Range

- (1) When specifying a time range for the "Auto Off Timer", tap [Range Spec.] and when enabling the setting all day, tap [Continuous].
- (2) Tap [←] to return to the previous screen.



If selected [Range Spec.] here, specify the range in "5-1-1-3 Start/Stop Time".

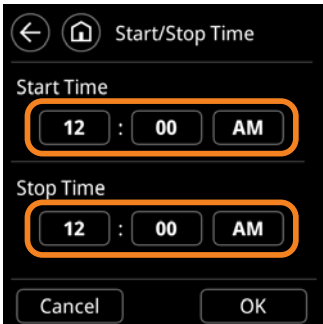
5-1-1-3 Start/Stop Time

If [Range Spec.] is selected in “5-1-1-2 Time Range”, specify the range here.

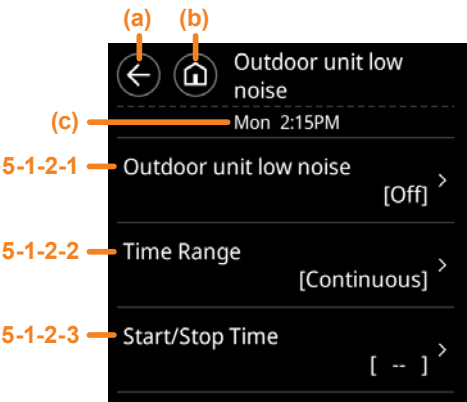
NOTE

The display format of the time varies depending on the settings.

- (1) Set the start time and stop time.
- (2) Tap [OK] to return to the previous screen.



5-1-2 Outdoor unit low noise

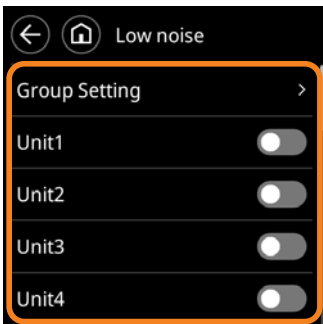
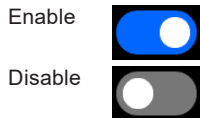


- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).
- (c) **Clock**

5-1-2-1 Target outdoor unit selection

Specify the outdoor unit for low noise operation.

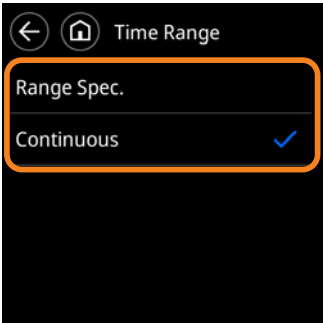
- (1) To set all outdoor units collectively, tap [Group Setting] and tap [All on] or [All off].
When setting individually, use the toggle button for each outdoor unit.



- (2) Tap [Back] to return to the previous screen.

5-1-2-2 Time Range

- (1) When specifying a time range for the “Outdoor unit low noise”, tap [Range Spec.] and when enabling the setting all day, tap [Continuous].
- (2) Tap [Back] to return to the previous screen.



If selected [Range Spec.] here, specify the range in “5-1-1-3 Start/Stop Time”.

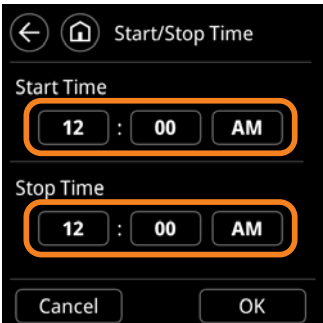
5-1-2-3 Start/Stop Time

If [Range Spec.] is selected in “5-1-1-2 Time Range”, specify the range here.

NOTE

The display format of the time varies depending on the settings.

- (1) Set the start time and stop time.
- (2) Tap [OK] to return to the previous screen.



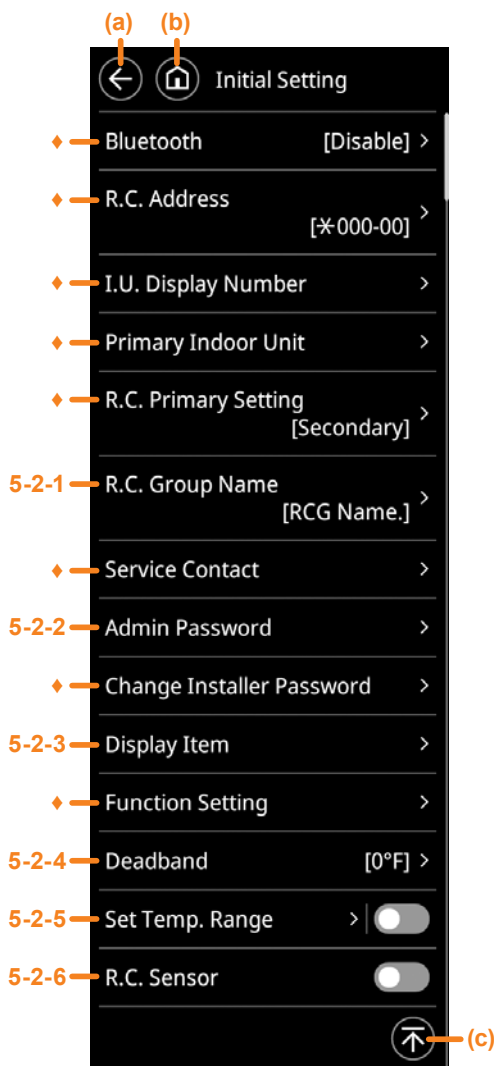
5-2 Initial setting

NOTE

Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.

For each description, refer to the appropriate heading number.

◆: For installer



(a) Backward button

Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Back to top button

Tap to display the top of the scroll screen.

5-2-1 R.C. (Remote Controller) Group Name

The remote controller group name can be set or changed.



(a) Cancel button

Tap to display a confirmation screen. Tap [OK] to cancel the settings and return to the previous screen.

(b) Input area

Up to 12 characters can be entered.

(c) Shift key

(d) Backspace key

(e) Enter key

(f) Phrase key

[Floor, Corridor, Office, Conf Room, Recept Room, Room, Room No., Front, Side, Entrance, Outlet, East, West, South, North, Window] are registered. Tap the [Phrase] key until the sentence to be used is displayed.

NOTE

If tap the [Phrase key] during input, the input up to that point will be deleted. If add characters to phrase, enter phrase first.

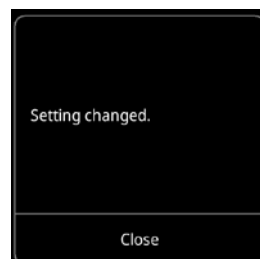
(g) 123 key

Tap to display numbers and symbols. Tap again to restore.

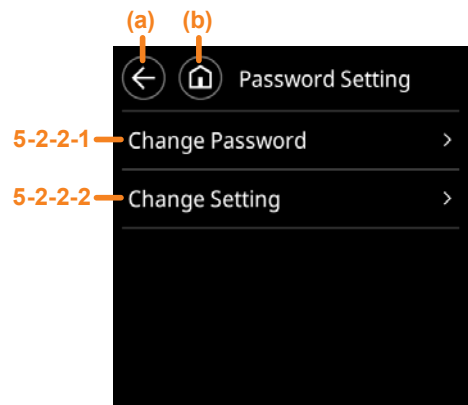
(h) Space key

(i) Cursor keys

- (1) After entering, tap [OK] to display the confirmation screen.
- (2) Tap [Close] to return to the previous screen.



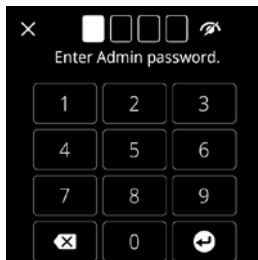
5-2-2 Admin password



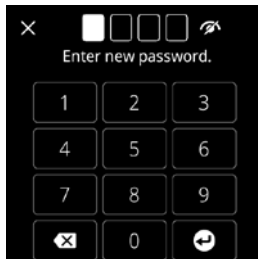
5-2-2-1 Change Password

The admin password setting and changes can be performed. Tap [🔑] to display the entered number.

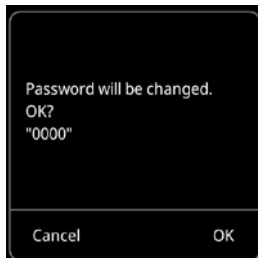
- (1) Enter current password and tap [🔑]. When make a mistake, tap [✖]. The default password is "0000" (4 digits).



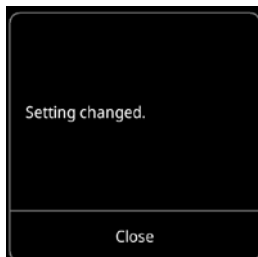
- (2) Enter new password and tap [🔑].



- (3) A confirmation screen will be displayed, so tap [OK].



- (4) Tap [Close] to return to the previous screen.



5-2-2-2 Change Setting

NOTE

Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.



(a) Backward button

Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

(c) Toggle button

Enable the item that requires an administrator password.

Enable



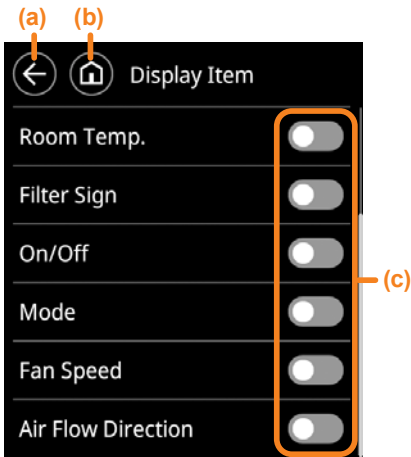
Disable



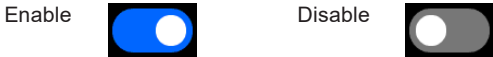
5-2-3 Display Item

NOTE

Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.



- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).
- (c) **Toggle button**
Enable the items to be displayed on the screen.

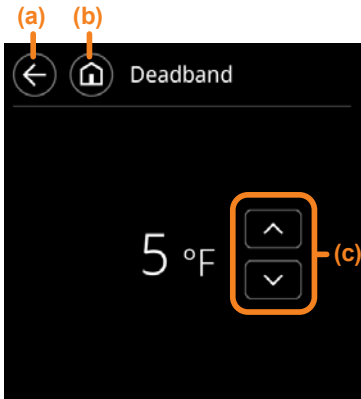


5-2-4 Deadband

Set the deadband value. The deadband can be set within the 2°F to 9°F (1°C to 4.5°C) range. Set the deadband value only to the Master Indoor Unit. (Settings are not reflected even if the deadband value is set to other indoor units.)

NOTE

Depending on a model of the indoor unit, the deadband is set on the indoor unit side. In this case, the deadband setting is not displayed on this unit. If you want to change the setting, consult an authorized service personnel.





- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).
- (c) **Setting buttons**
Adjust the deadband range.

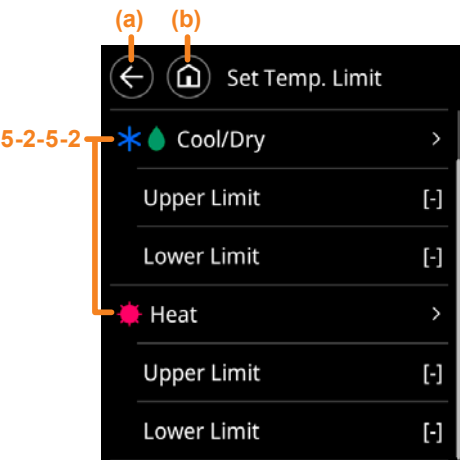
5-2-5 Set Temp. Range

Power consumption by excessive temperature setting is suppressed by restricting the temperature setting range for each operation mode of Auto, Cool/Dry, or Heat.



- (a) **Toggle button**
Tap to toggle enable/disable.
- Enable  Disable 

5-2-5-1 Set Temp. Limit (settings menu)



- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).

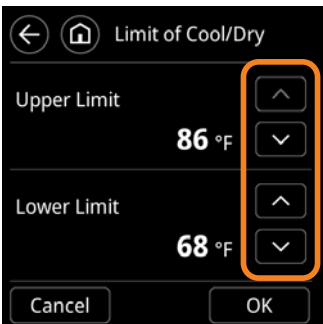
5-2-5-2 Limit of Cool/Dry or Heat

NOTE

The setting method for Cool/Dry and Heat is the same.

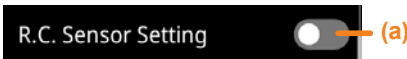
■ Example of the Limit of Cool/Dry screen

- (1) Set the upper and lower temperature limits.
- (2) Tap [OK] to return to the previous screen.



5-2-6 R.C. (Remote Controller) Sensor

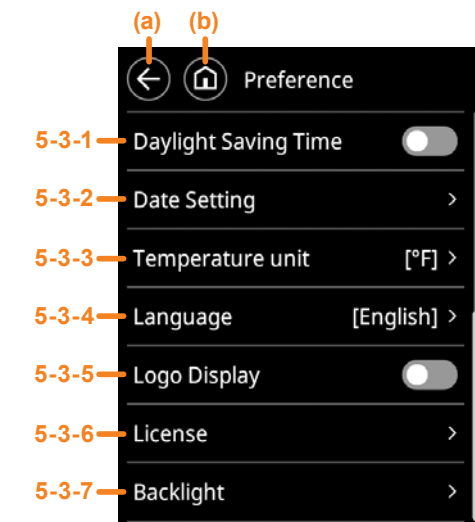
This setting uses the sensor of this unit to sense the room temperature. The room temperature can be sensed at a position, closer to the person than the indoor unit sensor. Factory settings is "Disable".



- (a) **Toggle button**
Tap to toggle enable/disable.

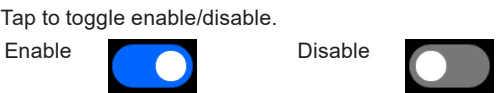


5-3 Preference

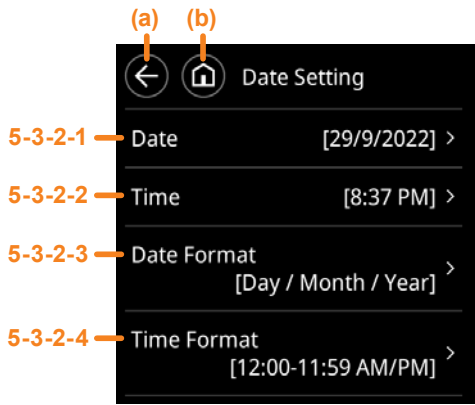


- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).

5-3-1 Daylight Saving Time



5-3-2 Date Setting



- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).

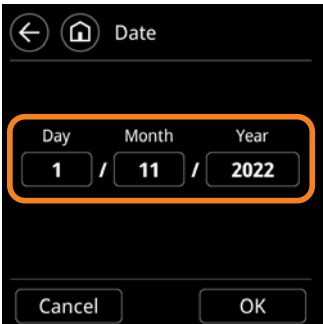
5-3-2-1 Date

Set the current date.

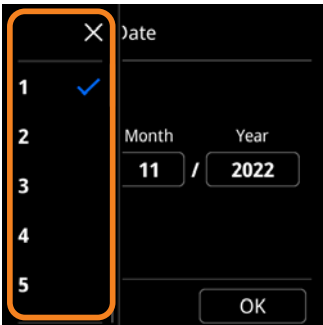
NOTE

The display format depends on the setting.

- (1) Tap the item to set.



- (2) Swipe up or down on the expanded item to select a value.
- (3) Tap [X] at the top of the screen to confirm the value.
- (4) After setting each item, tap [OK] to return to the previous screen.



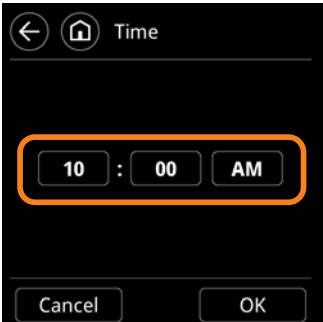
5-3-2-2 Time

Set the current time.

NOTE

The display format depends on the setting.

- (1) Tap the item to set.

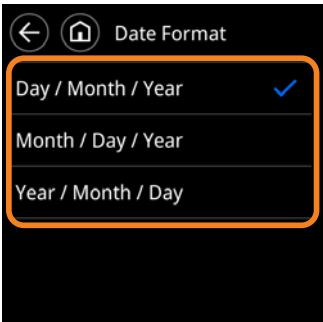


- (2) Swipe up or down on the expanded item to select a value.
- (3) Tap [X] at the top of the screen to confirm the value.
- (4) Tap [OK] to return to the previous screen.



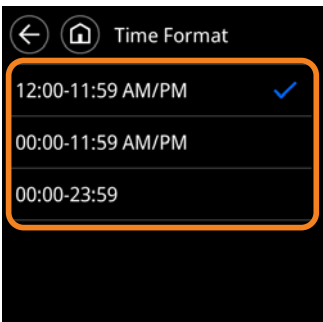
5-3-2-3 Date Format

- (1) Tap the date format to use.
- (2) Tap [←] to return to the previous screen.



5-3-2-4 Time Format

- (1) Tap the time format to use.
- (2) Tap [←] to return to the previous screen.



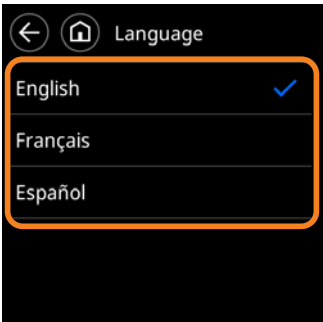
5-3-3 Temperature unit

- (1) Tap the temperature unit to use.
- (2) Tap [←] to return to the previous screen.



5-3-4 Language

- (1) Tap the language to use.
- (2) Tap [←] to return to the previous screen.



5-3-5 Logo Display

Display a registered image in standby mode. (Only if an image is registered during installation with AIRSTAGE Remo Set App.) Set "Time after lighting" (refer to 5-3-7-3) to "Dimming".



(a) Toggle button

Tap to toggle enable/disable.

Enable



Disable

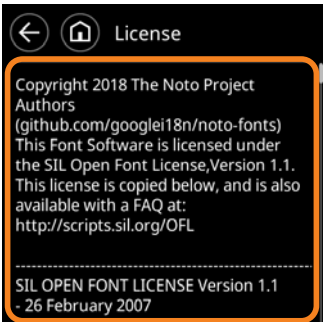


NOTE

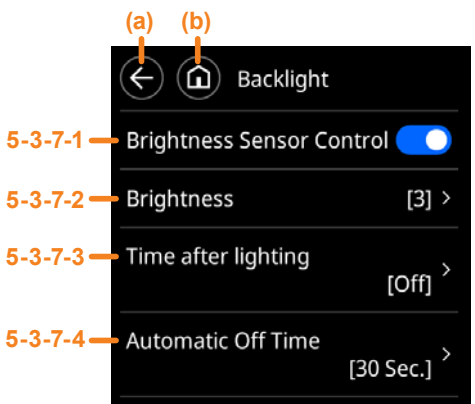
If want to register an image after installation or change a registered image, consult with an authorized service personnel.

5-3-6 License

- (1) Swipe up and down to move the screen.
- (2) Tap [←] to return to the previous screen.



5-3-7 Backlight



- (a) **Backward button**
Tap to return to the previous screen.
- (b) **Home button**
Tap to move to the temperature setting screen (home screen).

5-3-7-1 Brightness Sensor Control

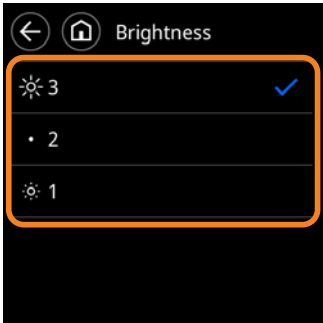
Automatically adjusts the brightness of the screen according to the brightness of the room.



- (a) **Toggle button**
Tap to toggle enable/disable.
- Enable: The backlight is controlled according to the ambient brightness detected by the ambient light sensor on this controller.
- Disable: Conforms to the "5-3-7-2 Brightness" (refer to 5-3-7-2) setting.

5-3-7-2 Brightness

- (1) Tap the brightness to use.
- (2) Tap [⏪] to return to the previous screen.



5-3-7-3 Time after lighting

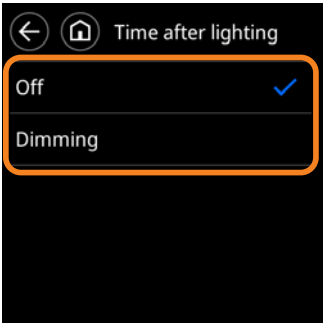
Select whether to off or dim the backlight after operating this remote controller.

Off:	After the time set in "Automatic Off Time" (refer to 5-3-7-4) has passed, the backlight will turn off.
Dimming:	After the time set in "Automatic Off Time" (refer to 5-3-7-4) has passed, the brightness of the backlight will be reduced and one of the following will be displayed: <ul style="list-style-type: none">• Display a registered image. (Only if an image was registered during installation.) Set "Logo Display" (refer to 5-3-5) to "Enable".• Display the standby mode screen. (refer to 1-4-2)

NOTE

To prevent screen burn-in, it turns off once every 30 minutes.

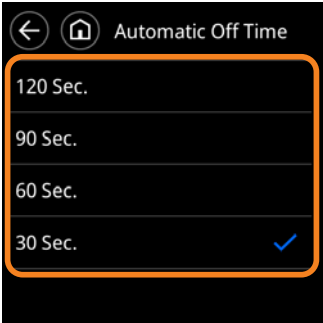
- (1) Tap the item to use.
- (2) Tap [⏪] to return to the previous screen.



5-3-7-4 Automatic Off Time

Sets the time until the backlight turns off or dims.

- (1) Tap the time to use.
- (2) Tap [⏪] to return to the previous screen.



5-4 Service

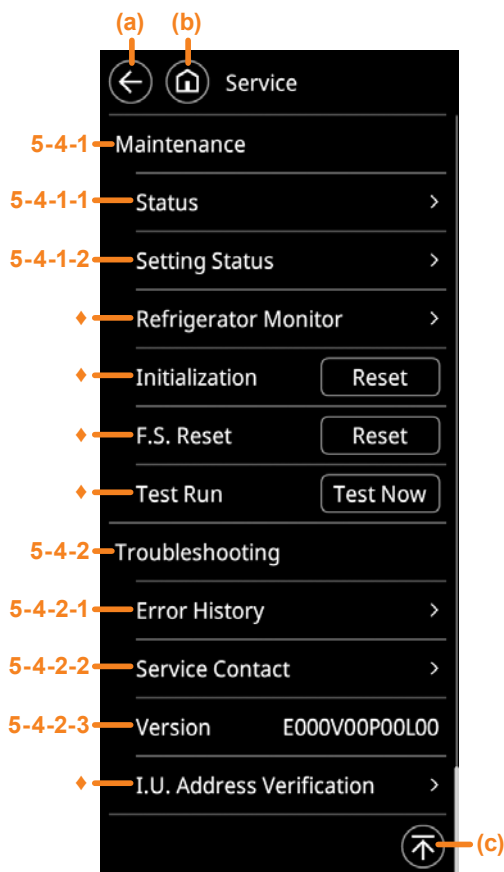
These function is for administrator and service personnel.

NOTE

Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.

For each description, refer to the appropriate heading number.

◆: For installer



(a) Backward button

Tap to return to the previous screen.

(b) Home button

Tap to move to the temperature setting screen (home screen).

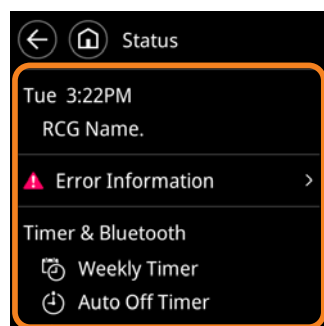
(c) Back to top button

Tap to display the top of the scroll screen.

5-4-1 Maintenance

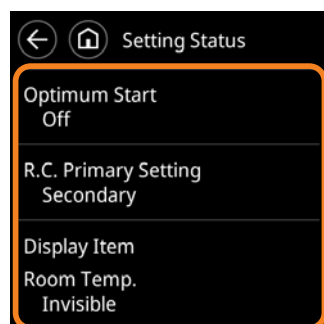
5-4-1-1 Status

- (1) Swipe up and down to move the screen. To check the error that has occurred, tap [Error Information].
- (2) Tap [⏪] to return to the previous screen.



5-4-1-2 Setting Status

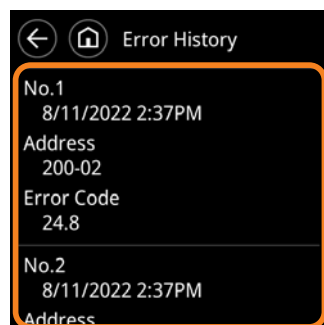
- (1) Swipe up and down to move the screen.
- (2) Tap [⏪] to return to the previous screen.



5-4-2 Troubleshooting

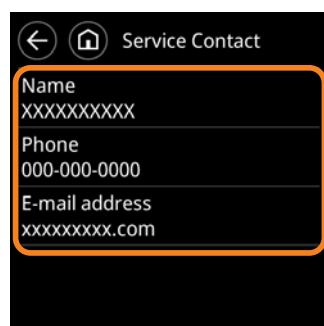
5-4-2-1 Error History

- (1) Swipe up and down to move the screen. To erase the error history, tap [Erase All].
- (2) Tap [⏪] to return to the previous screen.



5-4-2-2 Service Contact

- (1) Tap [⏪] to return to the previous screen.



5-4-2-3 Version

The software version of this controller is displayed on the right.

Version

E000V00P00L00

6 OPERATION TIPS

6-1 Selectable Modes (for VRF system)

There are restrictions on the selectable modes depending on the system configuration and operation status.

6-1-1 Heat recovery system

- (a) When single indoor unit connected to RB unit
All the modes can be selected.
- (b) When a master indoor unit is set in an RB group, only the mode selected at the master indoor unit (*1) can be used. (*1: "Fan" cannot be selected at the indoor unit including the master indoor unit.)
- (c) When a master indoor unit is not set in the RB Group, refer to the following table.

Status	Selectable	Not selectable
Other indoor unit is in cooling operation.	Cool, Dry	Custom Auto, Heat, Fan
Other indoor unit is in dehumidifying operation.	Cool, Dry	Custom Auto, Heat, Fan
Other indoor unit is in heating operation.	Heat	Custom Auto, Cool, Dry, Fan
Other indoor unit is in anti freeze operation.	Heat	Custom Auto, Cool, Dry, Fan

6-1-2 When indoor units are connected for cooling only in heat recovery system

- (a) Refer to the following table:

Status	Selectable	Not selectable
At any time	Custom auto, Cool, Dry, Fan	Heat

6-1-3 RB priority connection in heat recovery system

- (a) For indoor units or RB groups by RB priority connection, refer to the following table:

Status	Selectable	Not selectable
Cooling priority is set by external input.	Cool, Dry	Custom Auto, Heat, Fan
Heating priority is set by external input.	Heat	Custom Auto, Cool, Dry, Fan

6-1-4 Heat pump system

- (a) Refer to the following table:

Status	Selectable	Not selectable
Other indoor unit is in cooling operation.	Cool, Dry	Custom Auto, Heat, Fan
Other indoor unit is in dehumidifying operation.	Cool, Dry	Custom Auto, Heat, Fan
Other indoor unit is in heating operation.	Heat	Custom Auto, Cool, Dry, Fan
Other indoor unit is in anti freeze operation.	Heat	Custom Auto, Cool, Dry, Fan

- (b) When a master indoor unit is set in a refrigerant system, only the mode selected at the master indoor unit (*2) can be used. (*2: "Fan" cannot be selected at the indoor unit including the master indoor unit.)

6-1-5 Outdoor unit priority connection in heat pump system

- (a) Refer to the following table:

Status	Selectable	Not selectable
Cooling priority is set by external input.	Cool, Dry	Custom Auto, Heat, Fan
Heating priority is set by external input.	Heat	Custom Auto, Cool, Dry, Fan

6-2 Settable temperature range

The settable temperature range by operation mode and indoor unit setting is shown in the table below.

Cool/Dry	64 to 88 °F (18 to 30 °C)
Heat	VRF system: 48 to 88 °F (10 to 30 °C) Other system: 60 to 88 °F (16 to 30 °C)
Custom Auto	Same as the above range, but there are temperatures that cannot be set due to the deadband.

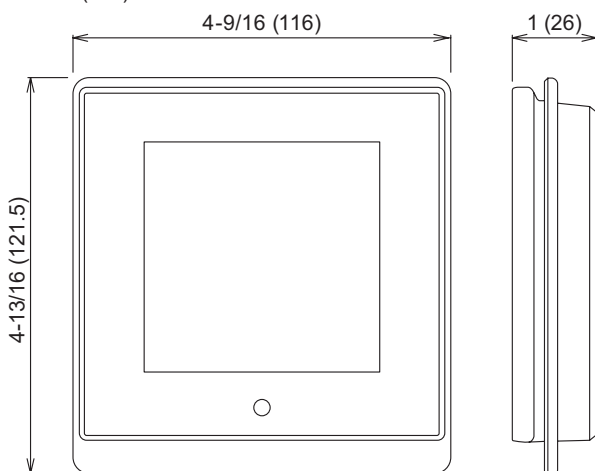
6-3 Deadband and set temperature

The Cool and Heat set temperature difference at Custom Auto cannot be less than the deadband set value. If the Cool and Heat set temperature difference is the same as the deadband set value, the Heat setting drops by the amount of drop of the Cool setting and the Cool setting rises by the amount of rise of the Heat setting. When the Cool set value reaches the upper limit, Heat setting exceeding the deadband set value cannot be set.

7 OTHERS

7-1 Outline Dimensions

Unit: in (mm)



This product is manufactured to metric units and tolerances. United States customary units are provided for reference only.
In cases where exact dimensions and tolerances are required, always refer to metric units.

7-2 Specifications

Model Name	UTU-RVRU
Input voltage	DC 12 V
Power consumption	Max. 1.0 W
Display	4 inch TFT LCD (480 × 480 pixels) with Touch screen
Usage temperature range	32 to 104 °F (0 to 40 °C)
Usage humidity range	20 to 90 % (no condensation)
Storage temperature range	14 to 140 °F (-10 to 60 °C)
Storage humidity range	20 to 90 % (no condensation)
Dimensions [H × W × D in (mm)]	4-13/16 × 4-9/16 × 1 (121.5 × 116 × 26)
Weight [oz (g)]	7.94 (225)

7-3 Error Code

For the details of the indoor unit or outdoor unit error when checking the error contents, refer to the error codes in each installation manual.

Error code	Contents
CC.1	Sensor error
CJ.1	Other parts (BLE module) error
C2.1	Transmission PCB error
12.1	Wired remote controller communication error
12.3	Number excess of device in wired remote controller system
12.4	Wired remote controller system start-up error
26.4	Address duplication in wired remote controller system
26.5	Address setting error in wired remote controller system
15.4	Data acquisition error

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