

# Wave Commu Control

## For Bluetooth®-Enabled Wired Remote Controller

Application for iOS and Android



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# 1 Operating precautions

## About this application

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- Wave Commu Control is an app for iOS and Android OS smart phones.
- You can use it to configure operation, function, timer, and other settings for applicable air-conditioners.
- A smart phone with a Bluetooth feature is required to use Wave Commu Control.

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*13995 Pasteur Blvd.*  
*Palm Beach Gardens, Florida 33418*  
*United States of America*

## 2 Before use

### Compatible models

Wave Commu Control is an application for iOS and Android smartphones. Install Wave Commu Control to your smartphone, and you can perform various air conditioner operations with the smartphone, including the operation setting, function setting and timer setting.

For the compatible remote controllers and smartphones, please go to the website indicated below.

### Installing the application

Before downloading and using Wave Commu Control, please read and agree to the license agreement found on the website indicated below.

You cannot download Wave Commu Control to a smartphone running on an operating system other than iOS or Android.

Please read and understand the User Guide provided on the same website before use.

[https://www.toshiba-carrier.co.jp/global/appli/controller\\_application/index.htm](https://www.toshiba-carrier.co.jp/global/appli/controller_application/index.htm)  
Read the QR Code, and you will get the URL of the Wave Commu Control website.



When the download is complete, the icon shown below appears on your smartphone screen.

\* What the screen looks like differs depending on the smartphone model in use. The screens shown in this User Guide are for reference purposes only.



#### NOTE

The communication costs incurred in downloading and installing Wave Commu Control must be borne by the user.

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- In the text, the ® mark is omitted.

**NOTE**

- Smartphones and remote controllers are granted Technical Standards Conformity Certification based on the Radio Act and do not require a radio station license.  
Be advised, however, that you may be punished by law if you:
  - Disassemble or modify the smartphone or remote controller; or
  - Remove the certification label on the remote controller.
- You may use Wave Commu Control only in the country where you purchased it. Using it in any other country may violate the radio law of that country.
- If you install the remote controller near some other electronic device, Wave Commu Control may not work properly due to electromagnetic interference or some other problem.
- There is no guarantee that the remote controller can communicate wirelessly with all types of Bluetooth-enabled smartphones.
- For a Bluetooth-enabled smartphone to connect to the remote controller, the smartphone needs to be certified to be in conformity with the Bluetooth standard specified by Bluetooth SIG, Inc. Note, however, that even if a Bluetooth-enabled device is in conformity with the specified Bluetooth standard, the application may not be able to establish a Bluetooth connection or differ in operation, display, or behaviour, depending on the characteristics or specifications of the device.
- Bluetooth communication is available in a place with good visibility where the remote controller and smartphone are not further away than 10 meters from each other. The communicable distance may become shorter depending on the ambient environment and the structures of the surrounding buildings.
- The frequency used for Bluetooth (2.4 GHz) is employed not only by industrial, scientific and medical devices, such as microwave ovens, but also by licensed premises radio stations for mobile object identification at factory production lines and amateur radio stations, as well as by unlicensed specified low-power radio stations. To prevent interference with other devices, take due care about the following.
  - Before using this application, make sure that no radio stations are used in the vicinity.
  - If the system causes radio frequency interference to a premises radio station, stop the transmission of radio waves immediately to avoid the interference.
- When using a function of this application, make sure that the smartphone battery is sufficiently charged.
- It may take time before the application can operate the air conditioner or display its data, depending on the condition or usage environment of the air conditioner.
- What the remote controller screen displays may differ from what the smartphone screen displays, depending on the operation status of the air conditioner or the timing of communication.
- Operate the smartphone in the room where the connected remote controller is installed.
- The values shown on the smartphone screen may have some margin of error, depending on the installation environment or operation status.
- It is recommended to enable the auto lock function of the smartphone to prevent an inadvertent operation.
- The screen may not be displayed correctly if the version of the installed application is not the latest.
- The application may be displayed differently, depending on the smartphone in use.
- Updating the version of the smartphone's operating system may make this application unavailable.
- What the screen looks like differs depending on the smartphone model in use. The screens shown in this User Guide are for reference purposes only.

## Pairing with the remote controller

When you connect Bluetooth devices (remote controller and smartphone) for the first time, you need to pair them. Pairing means to register Bluetooth devices together in advance. Once devices are paired, they can easily reconnect to each other after the Bluetooth connection is disconnected.

- When pairing with a Bluetooth-enabled remote controller, you need to enable its Bluetooth setting. For information about how to enable the Bluetooth setting of a remote controller, see the owner's manual of the remote controller.
- After enabling the Bluetooth setting of the remote controller you want to connect, pair the smartphone with it as instructed below. (What the screen looks like differs depending on the smartphone model in use.)

### ■ Pairing



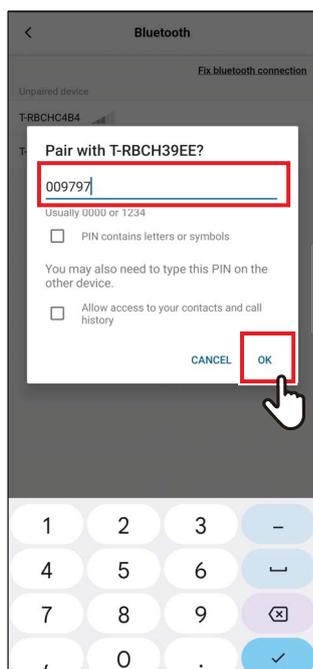
### 1 Tap [ Bluetooth ]

### 2 Tap the Identification number of the remote controller you want to connect for communication

#### NOTE

For the Identification number of the remote controller, see the owner's manual of the remote controller.

### 3 Make a selection as indicated on the smartphone screen



## 4 Enter the PIN code (6 digits)

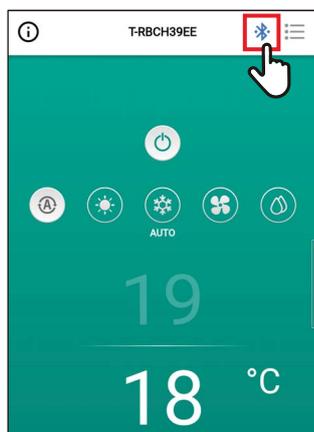
Enter the PIN code (6 digits) displayed on the remote controller screen and tap [OK].



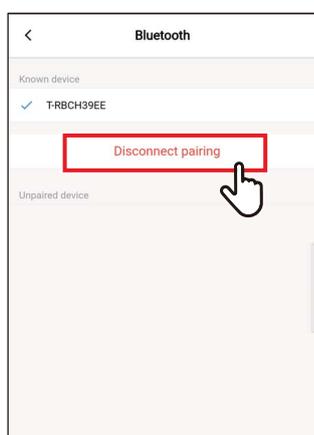
### NOTE

- What the screen looks like differs depending on the smartphone model in use. The screens shown in this User Guide are for reference purposes only.
- Depending on the specifications or settings of the Bluetooth-enabled devices (remote controller and smartphone), the application may not be able to establish a Bluetooth connection or differ in operation, display, or behaviour.
- A smartphone cannot pair with two or more remote controllers simultaneously. (Only 1-to-1 communication is supported.)
- To connect with another smartphone, disconnect the pairing with the smartphone currently in communication.
- The pairing request has a time limit. If you cannot connect the devices after entering the PIN code, make the pairing setting again.
- The remote controller can store the pairing history of up to 7 smartphones. You cannot connect a smartphone if the corresponding pairing information is deleted from the remote controller. In that case, delete the pairing information of that smartphone and make the pairing setting again.

## ■ Disconnecting the pairing



**1** Tap [Bluetooth]



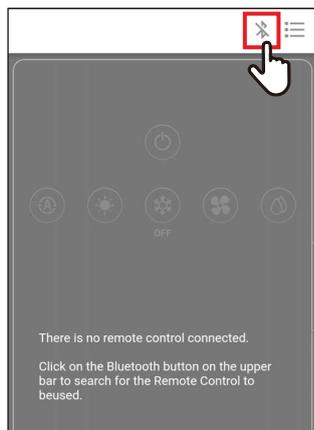
**2** Tap [Disconnect pairing]



**3** Tap [OK]

The pairing with the remote controller is disconnected.

## ■ Performing the pairing again



**1** Tap [ Bluetooth ]



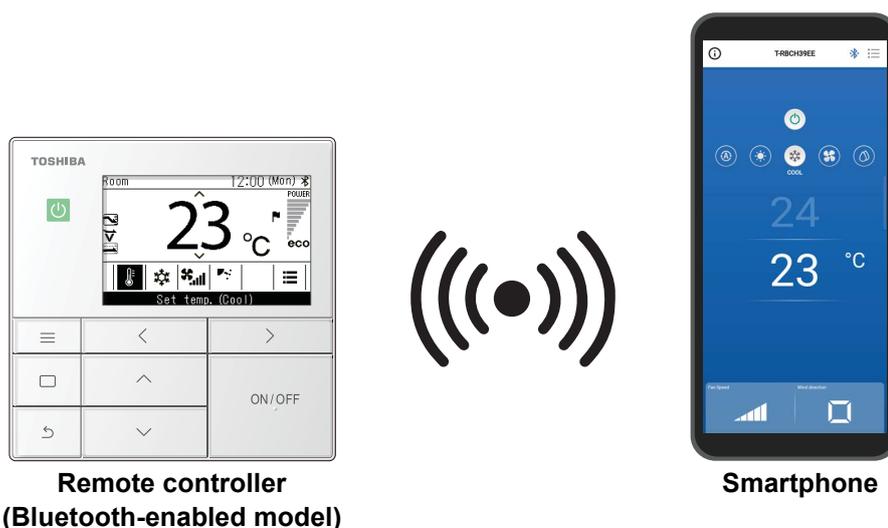
**2** Tap the name of the remote controller you want to connect for communication

# 3 Outline

## Configuration

The air conditioner operation functions of Wave Commu Control can be used by establishing a Bluetooth connection with the remote controller.

### System configuration example

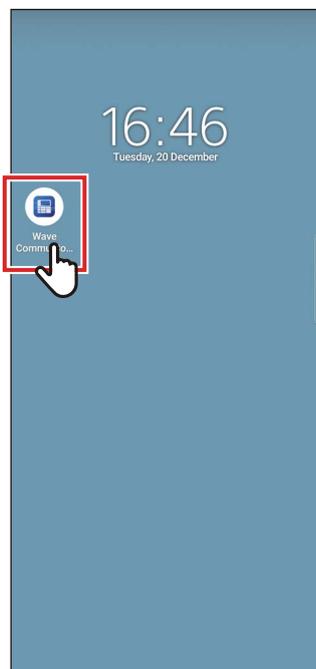


- To use Wave Commu Control, you need a smartphone with the Wave Commu Control application installed in it and a Bluetooth-enabled remote controller. Wave Commu Control allows you to operate an air conditioner, set functions and get information.
- The Wave Commu Control functions may not be available or displayed, depending on the type of air conditioner or the version of the Wave Commu Control application.
- When you power on the air conditioner and remote controller for the first time, Wave Commu Control becomes available after the initial communication with the air conditioner is complete.
- Bluetooth communication is available in a place with good visibility where the remote controller and smartphone are not further away than 10 meters from each other. The communicable distance may become shorter depending on the ambient environment and the structures of the surrounding buildings.

## Starting the application

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### ■ Starting Wave Commu Control



#### 1 Tap the Wave Commu Control icon

##### NOTE

- The shape of the icon differs depending on the environment of the smartphone in use.
  - What the screen looks like differs depending on the smartphone model in use. The screens shown in this User Guide are for reference purposes only.
-

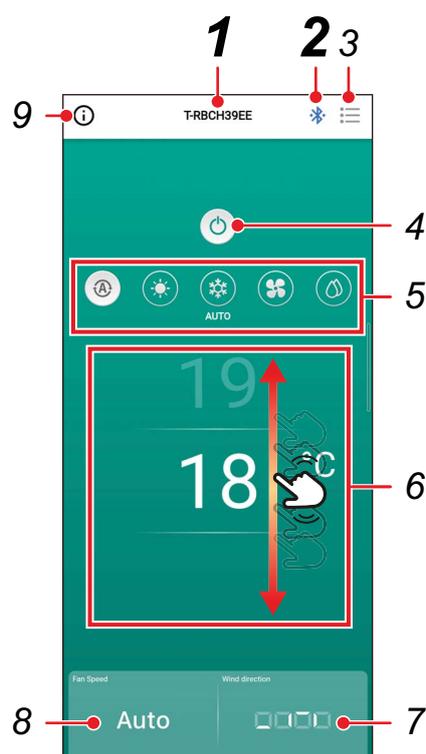
## Major screens

### ■ Main screen

This screen is used to confirm or change the set temperature, operating mode, fan speed and wind direction.

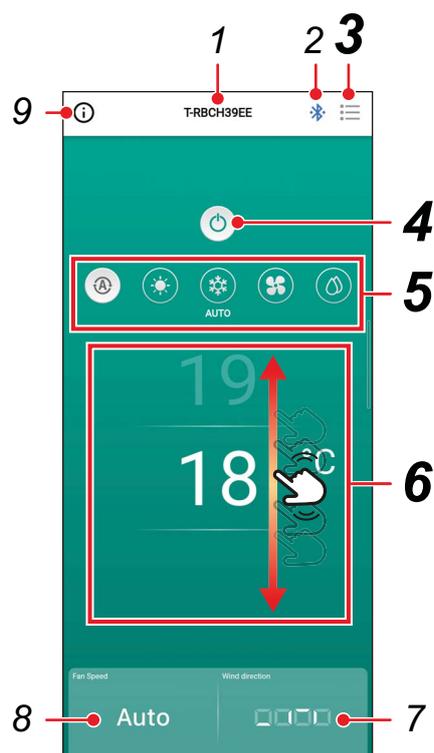
#### NOTE

- To change the set temperature, use the main screen.
- Some functions and items cannot be set, depending on the model of the remote controller. Functions and items that cannot be set are not shown.



- 1 Remote controller name**  
The name (Identification number) of the connected remote controller is displayed.

- 2 [🔌/🔌] Bluetooth connection/disconnection button**  
Tapping this button opens the Bluetooth pairing setting screen.



### 3 [☰] Menu button

Tapping this button opens the [Setting] screen. The [Setting] screen lets you make detailed settings. Tapping [ < ] returns you to the main screen.

### 4 [⏻/⏻] ON/OFF button

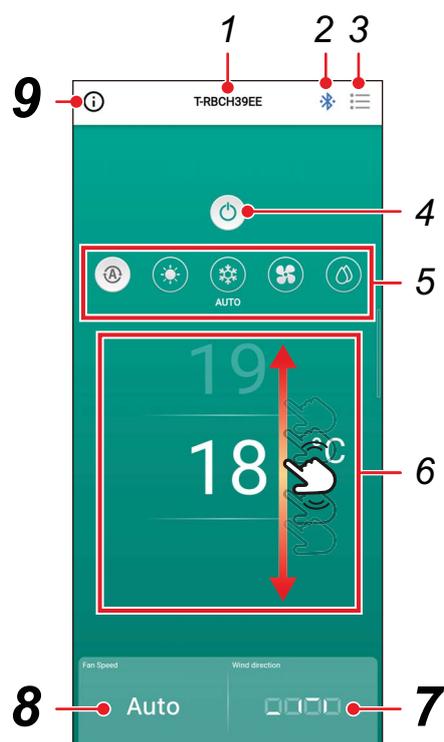
Tapping this button starts and stops the connected device.

### 5 Operation mode change button

You can set the operation mode to [⏻ AUTO], [☀️ HEAT], [❄️ COOL], [🌀 FAN] or [💧 DRY]. The background colour changes according to the operation mode.

### 6 Temperature setting

Flick the screen up or down to change the temperature setting.



## 7 Direction setting

Tapping this button opens a pop-up screen, which lets you set the wind direction.

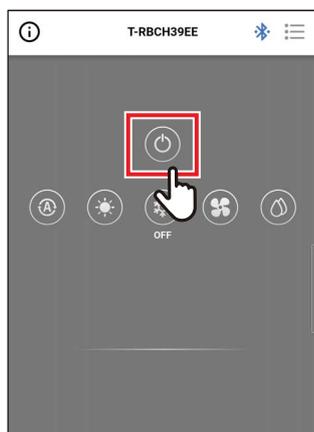
## 8 Fan speed setting

Tapping this button opens a pop-up screen, which lets you set the fan speed.

## 9 Status display button

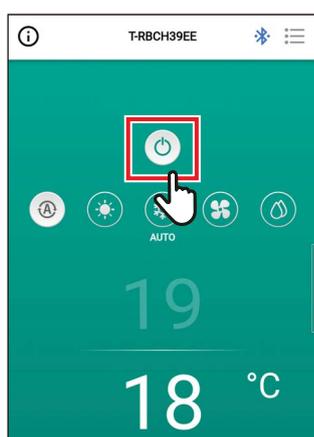
Tapping this button opens the [Operation status] screen. This screen lets you view the detailed information about the operation state and settings of the air conditioner.

## ■ Starting the operation



**1** Tap [🔌] to start the operation

## ■ Stopping the operation

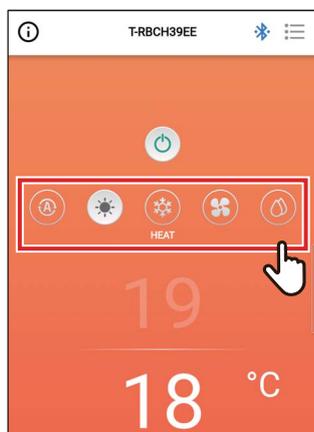


**1** Tap [🔌] to stop the operation

### NOTE

[🔌] may be displayed on some models while the air conditioner prepares for the operation.

## ■ Changing the operation mode



### 1 Tap the button corresponding to the operation mode you want to set

The operation modes you can set are [ AUTO], [ HEAT], [ COOL], [ FAN] and [ DRY]. The background colour changes according to the operation mode.

#### NOTE

- Some operation modes cannot be set, depending on the model of the indoor unit. Operation modes that cannot be set are not shown.
- When the air conditioner starts to operate in the [HEAT] mode or is defrosting, [ ] is displayed during pre-heating. While the icon is displayed, the indoor fan stops or the air conditioner operates in the [FAN] mode.

## When central control is done

While operation locks are applied by central control, the locked operations cannot be performed. When [Key lock] is set, [ ] is displayed.

### Display examples of operation locks applied by central control

- Prohibition of [ON/OFF] the operation



- Prohibition of changing the operation mode

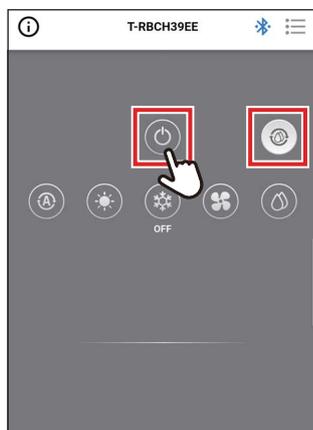


- Prohibition of changing the set temperature



## Self clean operation

This function keeps the inside of the indoor unit dry and clean by doing fan operations inside the indoor units after [AUTO (COOL)], [COOL] and [DRY] operations.



### NOTE

- Self clean operation time varies depending on the model. Refer to the Owner's Manual of the indoor unit.
- During self clean operation, [🌀] is displayed on the main screen.
- To force self clean operation to stop, press the [🔌] button, then after more than 3 seconds of operation, press [🌀] again.

## ■ Changing the set temperature



**1** Flick the screen up or down to select the temperature you want to set

### NOTE

- The range of temperatures that can be set is determined by [Set temp. range limit].
- When the operation mode is [FAN], the set temperature cannot be changed.

## When Dual Set Point is enabled

When Dual Set Point is enabled, you can set the temperatures of [COOL] and [HEAT] individually while the operation mode is [AUTO]. Ask your vendor to enable Dual Set Point.

Tap to set the temperature of [COOL].

Tap to set the temperature of [HEAT].



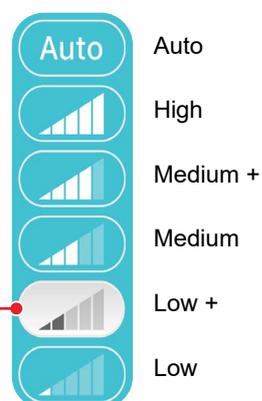
## ■ Changing the fan speed

### 1 Tap [Fan Speed]

A pop-up screen opens.



### 2 Tap the fan speed you want to set



The white background indicates the current fan speed.

#### NOTE

- When the operation mode is [FAN], you cannot change [Fan Speed] to [Auto].
- The fan speed that can be set vary depending on the connected indoor unit.
- If an indoor unit that does not support changing the fan speed is connected, [🚫] is displayed in [Fan Speed].

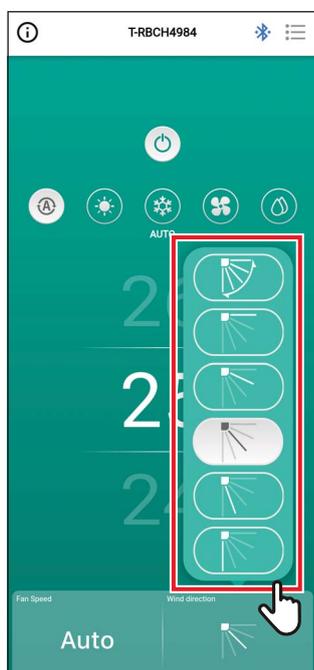


## ■ Changing the wind direction

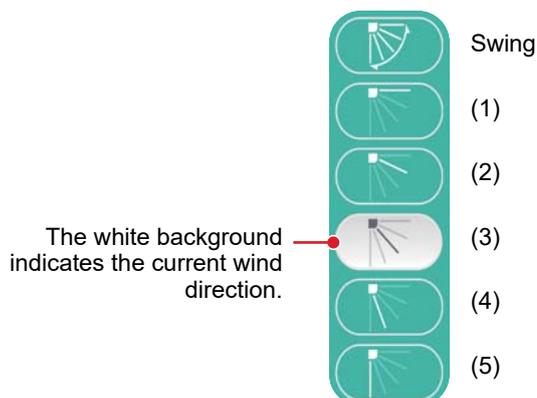
### Up / down direction (horizontal louvre)



- 1 Tap [Wind direction]**  
A pop-up screen opens.



- 2 Tap the wind direction you want to set**



Operation mode	Settable angles
HEAT, FAN, AUTO (HEAT)	(1), (2), (3), (4), (5), Swing
COOL, DRY, AUTO (COOL)	(1), (2), (3), Swing

**NOTE**

- When the operation mode is [COOL] or [DRY], the wind direction (4) or (5) cannot be set.
- No wind direction is shown when the indoor unit does not support changing the wind direction.



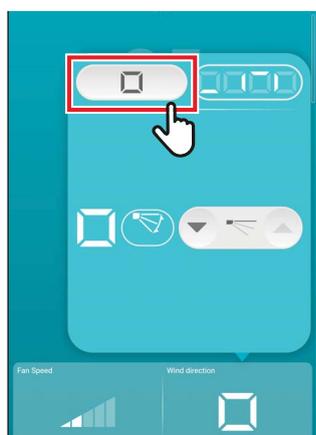
- When multiple indoor units are connected as a group, the wind directions of all the units of that group are set simultaneously.
- To set the wind direction of a specific indoor unit when a group connection is set, tap [≡] > [Louver setting] and select the unit.
- A group connection refers to the setting of connecting multiple indoor units as 1 group.

## Setting the wind directions of the 4-way smart cassette simultaneously

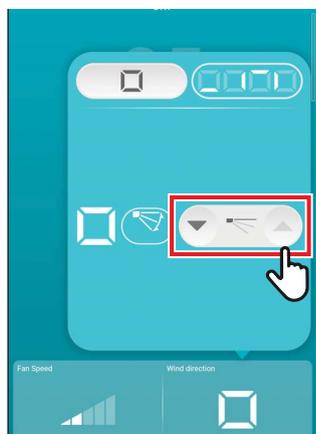


### 1 Tap [Wind direction]

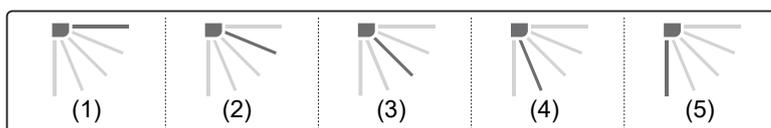
A pop-up screen opens.



### 2 Tap [ ]



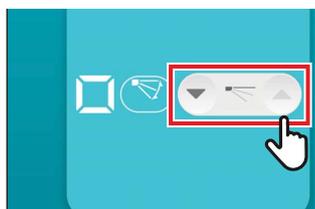
### 3 Tap [▼] or [▲] to change the wind direction



Operation mode	Settable angles
HEAT, FAN, AUTO (HEAT)	(1), (2), (3), (4), (5)
COOL, DRY, AUTO (COOL)	(1), (2), (3)



**4** To enable swing, tap [  ]



**5** To disable swing, tap [  ]

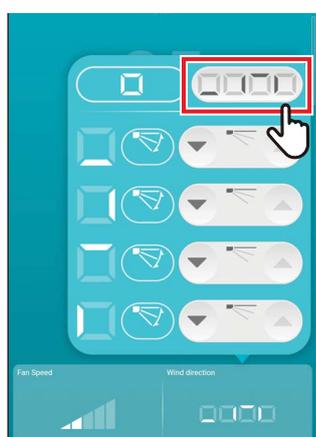
**NOTE**

When multiple indoor units are connected as 1 group, the wind directions of all the units of that group are set simultaneously.

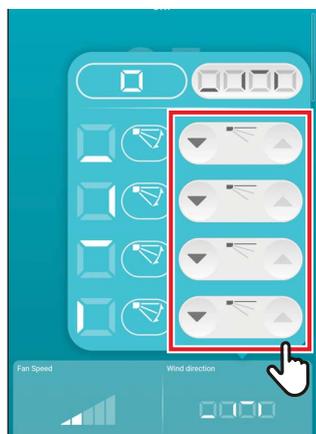
## Setting the wind direction for each outlet of the 4-way smart cassette



- 1 Tap [Wind direction]**  
A pop-up screen opens.

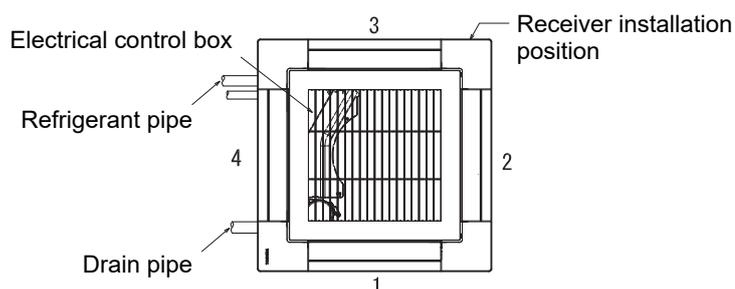


- 2 Tap [Wind direction]**

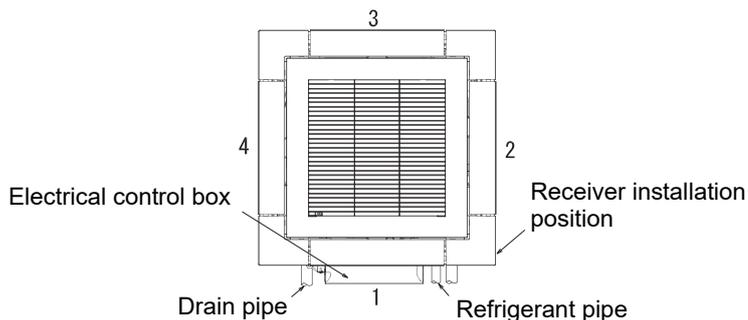


- 3 To change the wind direction, tap the [▼] or [▲] icon of the louvre you want to change**

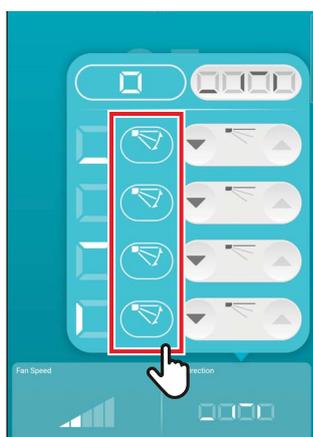
### 4-way smart cassette



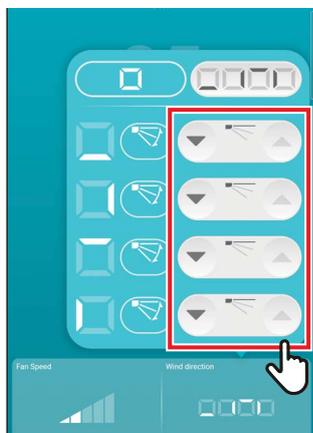
### Compact 4-way smart cassette



## 4 To enable swing, tap [🌀] of the louvre you want to change



## 5 To disable swing, tap [↕]



### NOTE

- When the operation mode is [COOL] or [DRY], the wind direction (4) or (5) cannot be set.
- When [Louver lock] is set, you cannot set all the louvres simultaneously.
- [🔒] is displayed for a louvre for which [Louver lock] is set.
- To set [Louver lock], tap [☰] > [Louver setting].
- No wind direction is shown when the indoor unit does not support changing the wind direction.



- To set the wind direction of a specific indoor unit when a group connection is set, tap [☰] > [Louver setting] and select the unit.
- A group connection refers to the setting of connecting multiple indoor units as 1 group.

## Left / right direction (Vertical Louver)

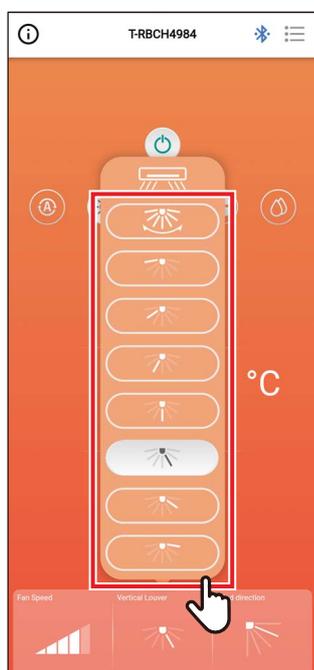
If the connected indoor units have vertical louvres, then the [Vertical Louver] icon is displayed on the air conditioner main screen.

\* For models that have only lateral direction louvres, they are operated as horizontal louvres on the remote controller.



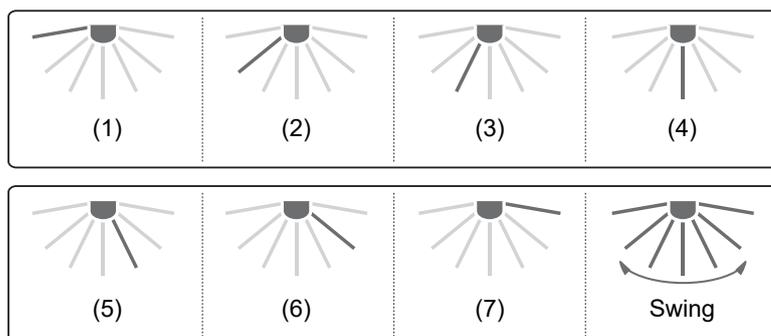
### 1 Tap [Vertical Louver]

A pop-up screen opens.



### 2 Tap and select a horizontal wind direction

You can choose from (1) to (7) and Swing.



#### NOTE

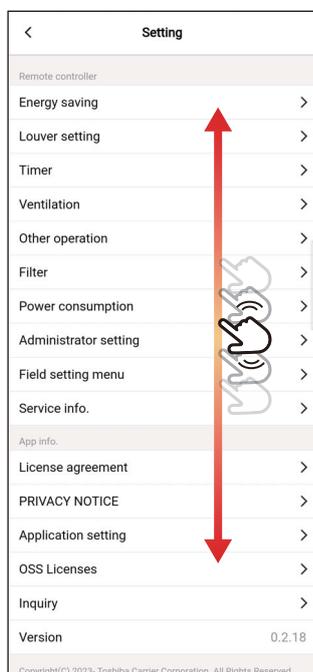
The [Louver lock] function is not available for the vertical louvres.

# 4 Setting screen and menu list

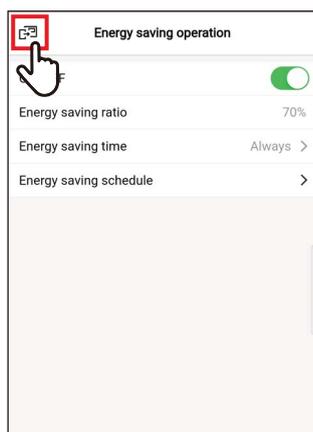
## Setting screen



- 1 Tap [☰] in the main screen**  
The [Setting] screen appears.



- 2 Flick the screen to select the item you want to set**

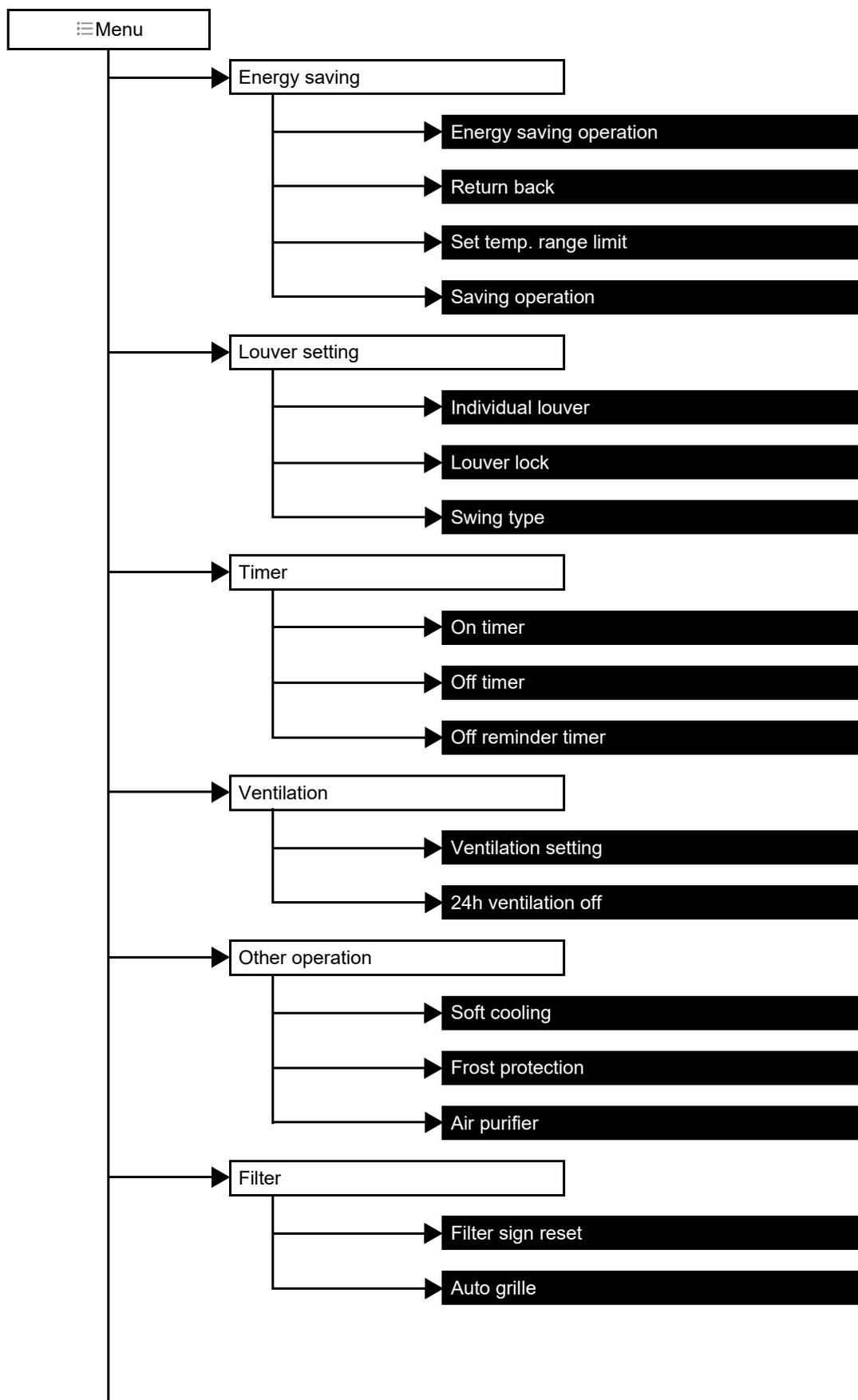


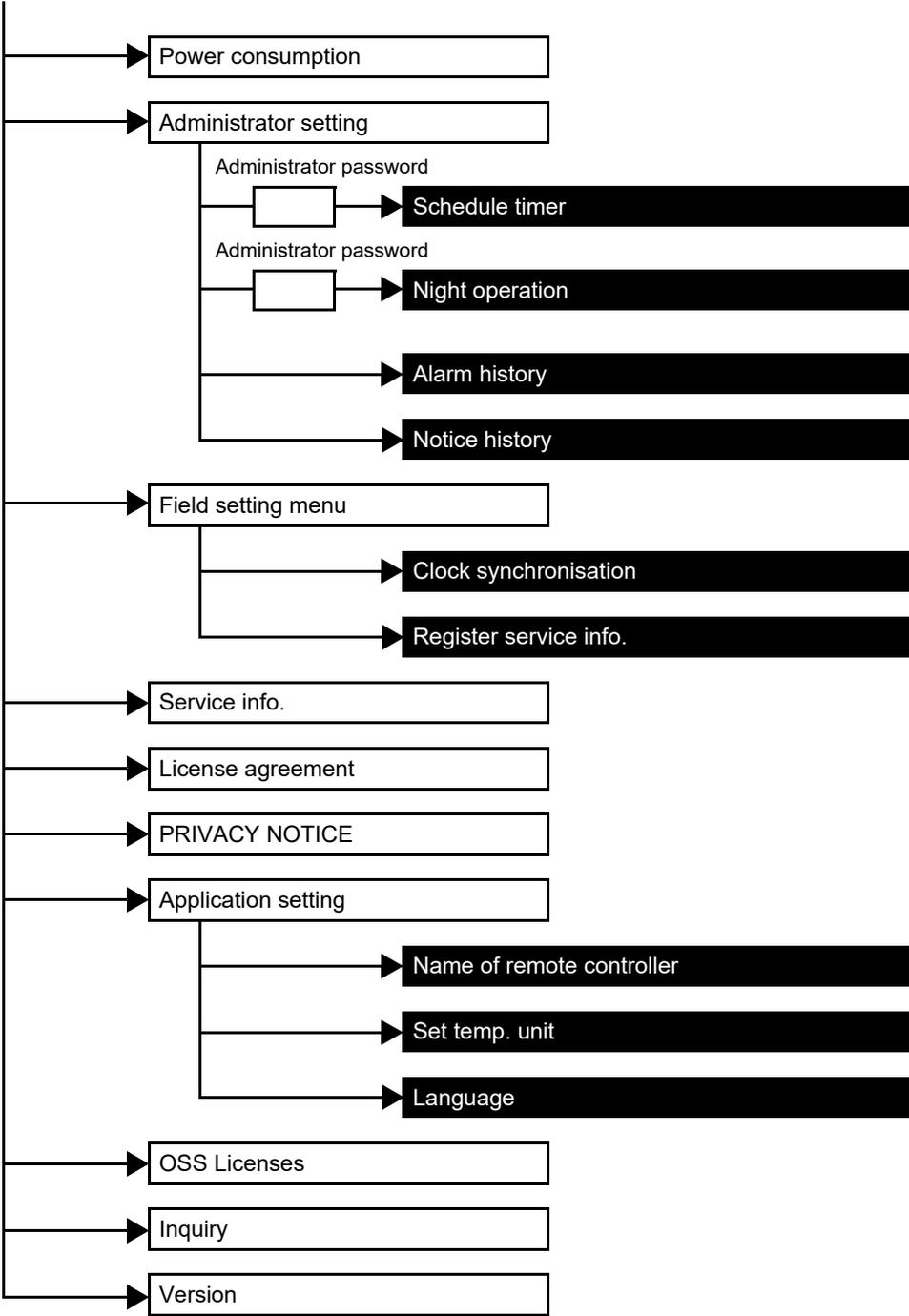
### 3 Tap [⏪] after changing the settings

When the setting is changed, [ < ] changes to [⏪].

If [⏪] is tapped, the changes are applied, and the previous screen returns.

# Menu list





# Energy saving

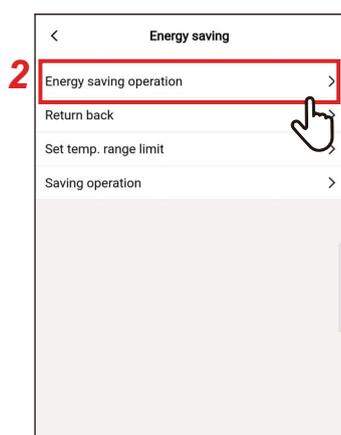
Set the energy saving-related items: [Energy saving operation], [Return back], [Set temp. range limit] and [Saving operation].

Item	Description
Energy saving operation	Operates the air conditioner with suppressed performance.
Return back	Returns the temperature to the set value automatically.
Set temp. range limit	Limits the range of temperatures that can be set.
Saving operation	Operates to suppress excessive heating and excessive cooling. * This item is not available on models that do not support the [Saving operation] function.

**NOTE**

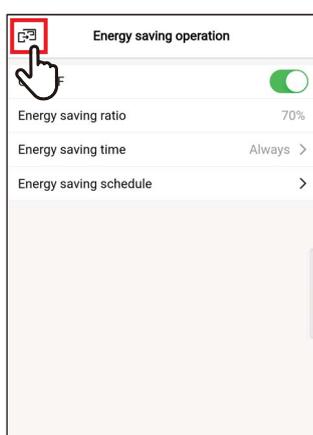
Regarding [Energy saving operation], see the owner's manual of the indoor unit in use.

## ■ Energy saving operation



**1** Tap [Energy saving] on the [Setting] screen

**2** Tap [Energy saving operation]

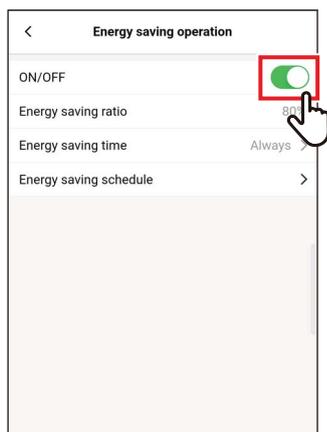


**3** Tap [ ]  
The [Energy saving] screen appears again.

**NOTE**

- Since [Energy saving operation] suppresses the performance of the air conditioner, the room may not be sufficiently cooled (warmed).
- When communication with the [Follower remote controller] is in progress, [Energy saving operation] cannot be set.
- You may not be able to set [Energy saving operation], depending on the settings of the outdoor unit or central control device.

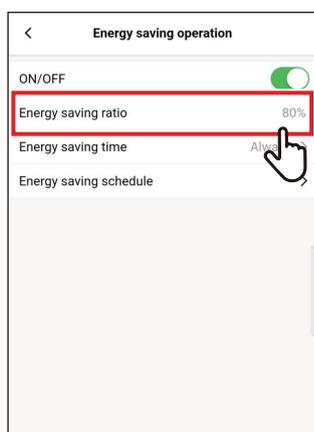
## ON/OFF



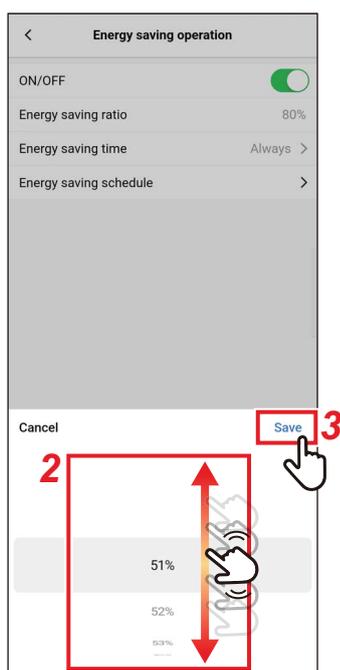
### 1 Toggle between [ON] and [OFF] using a switch

[] indicates the [ON] state.

## Energy saving ratio



### 1 Tap [Energy saving ratio]

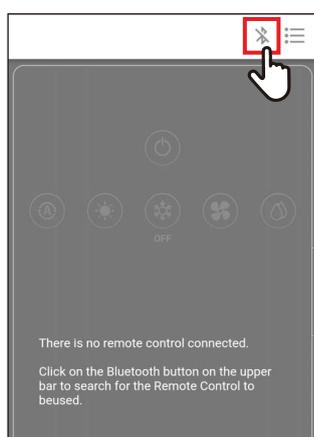


### 2 Flick the screen to select the saving ratio

The saving ratio can be set within the range of 51 to 99%. The lower the value, the higher the energy-saving effect on operations.

### 3 Tap [Save]

The [Energy saving operation] screen appears again.



## When [Energy saving ratio] is changed

### 4 Tap [Bluetooth]

### 5 Tap [OK]

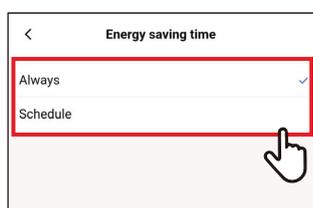
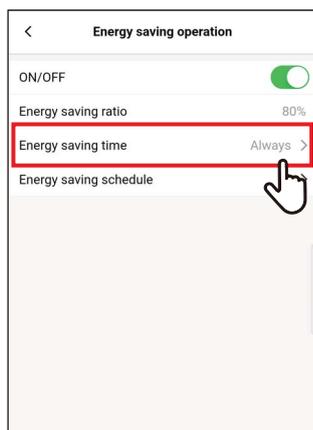
The remote controller is disconnected, and the settings are updated.

[⌚] blinks on the remote controller screen.

### 6 When [⌚] disappears from the remote controller screen, tap [Bluetooth]

Reconnect the remote controller.

## Energy saving time



### 1 Tap [Energy saving time]

### 2 Tap and select [Always] or [Schedule]

Always	Sets the same saving ratio for the entire day.
Schedule	Sets whether to save energy and the energy saving ratio for each time zone.

If you select [Schedule], you need to set [Energy saving schedule].

### 3 Tap [ < ]

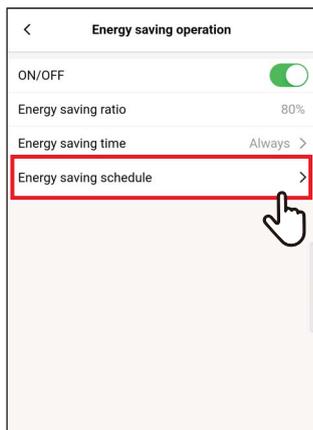
The [Energy saving operation] screen appears again.

#### NOTE

If you select [Always], the air conditioner operates at the energy saving ratio set in [Energy saving ratio].

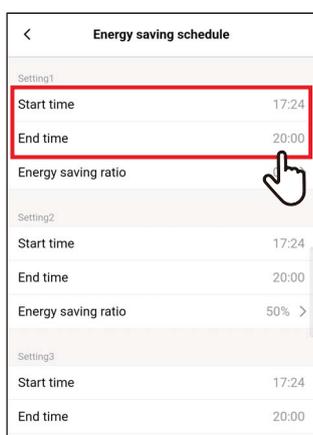
## Energy saving schedule

**1 Tap [Energy saving schedule]**



**2 Tap [Start time] or [End time] of the schedule you are going to set**

You can set up to 4 schedules.

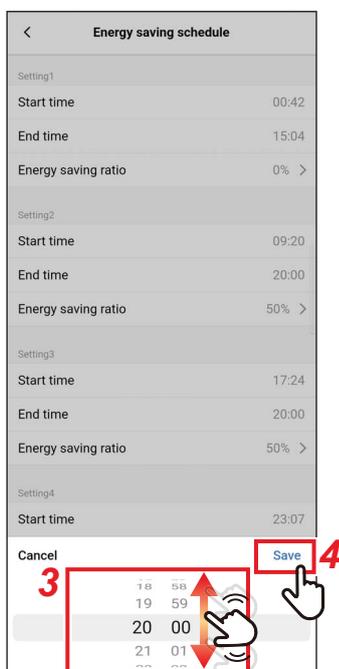


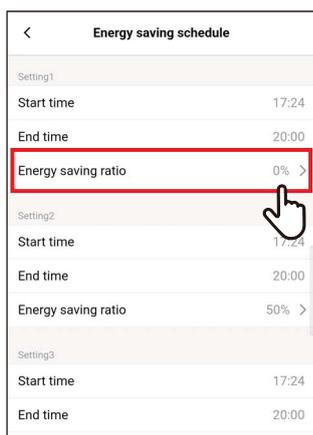
**3 Flick the screen to select the time**

The time can be selected within the range of [0:00] to [23:59] in 1-minute increments.

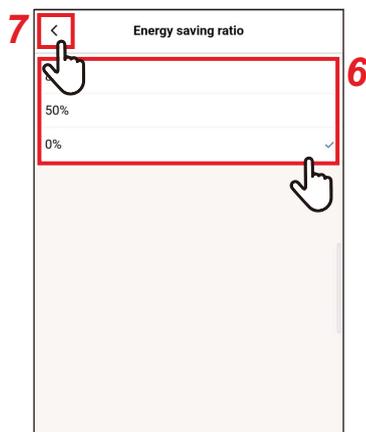
**4 Tap [Save]**

The [Energy saving schedule] screen appears again.





**5 Tap [Energy saving ratio] of the schedule you are going to set**



**6 Tap and select the [Energy saving ratio] you want to set**

The saving ratios you can set are [51%] to [99%], [50%] and [0%], which are currently set. [0%] stops the operation.

**NOTE**

If different saving ratios are set in the same time zone, the air conditioner operates at the lower saving ratio.

**7 Tap [ < ]**

The [Energy saving schedule] screen appears again.

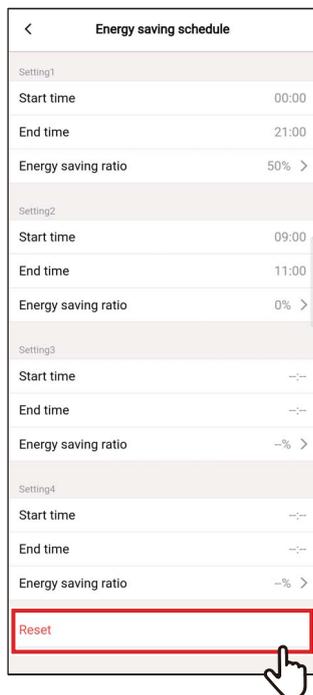


**8 Tap [ < ]**

The [Energy saving operation] screen appears again.

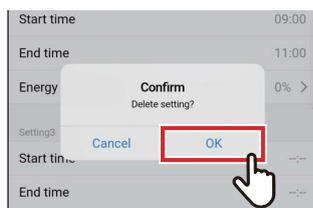
## ▼ Resetting the Energy saving schedule

### 1 Tap [Reset]

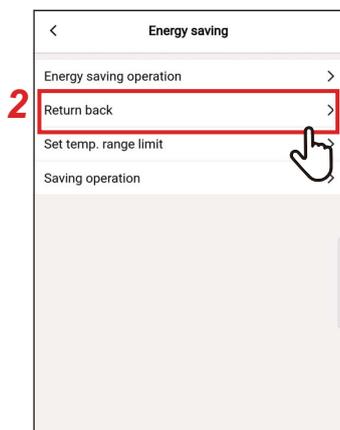


### 2 Tap [OK]

All the [Start time], [End time] and [Energy saving ratio] values are reset.

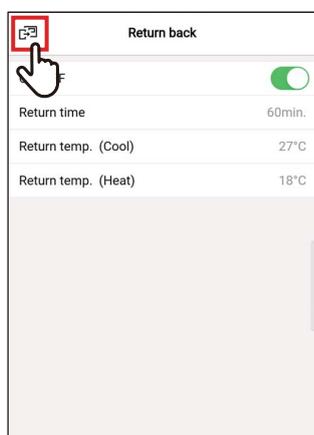


## ■ Return back



**1** Tap [Energy saving] on the [Setting] screen

**2** Tap [Return back]



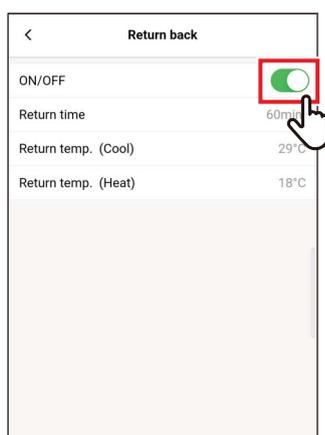
**3** Tap [ON/OFF]

The [Energy saving] screen appears again.

### NOTE

When communication with the [Follower remote controller] is in progress, [Return back] cannot be set.

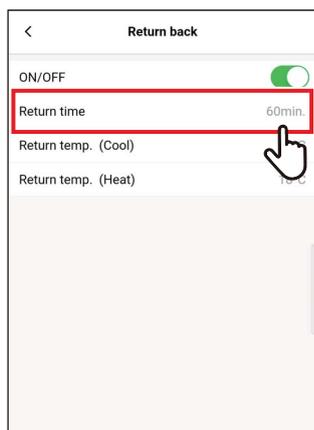
## ON/OFF



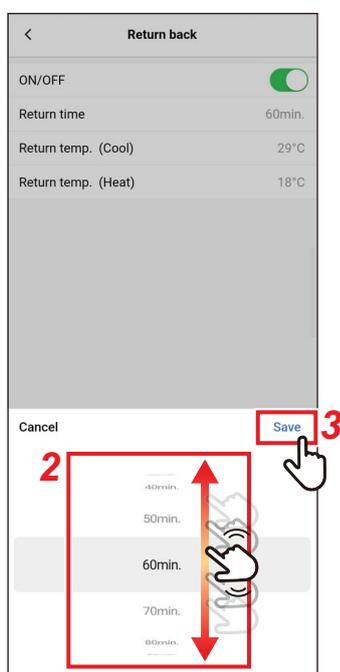
**1** Toggle between [ON] and [OFF] using a switch

[ON/OFF] indicates the [ON] state.

## Return time



**1 Tap [Return time]**



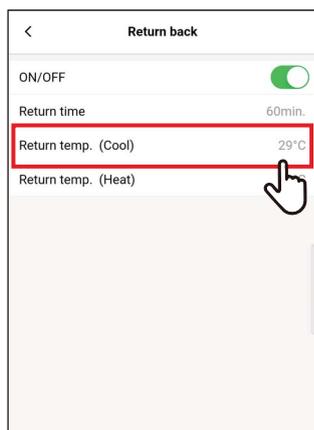
**2 Flick the screen to select the time**

The time can be selected within the range of [10min.] to [120min.] in 10-minute increments.

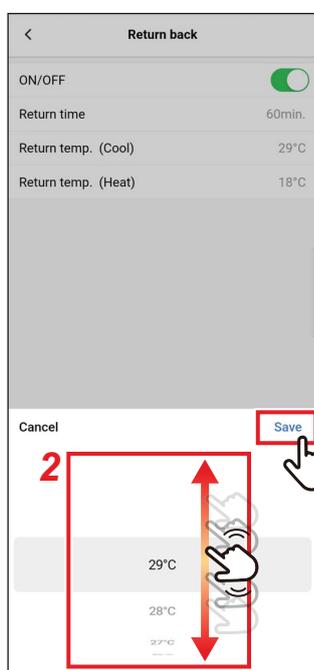
**3 Tap [Save]**

The [Return back] screen appears again.

## Return temp. (Cool)



**1 Tap [Return temp. (Cool)]**

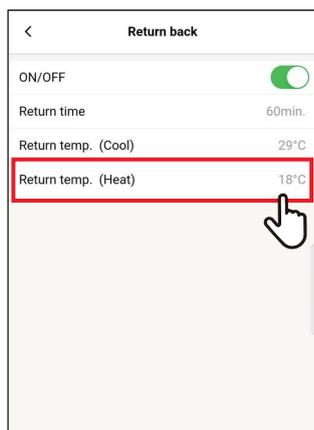


**2 Flick the screen to select the temperature**

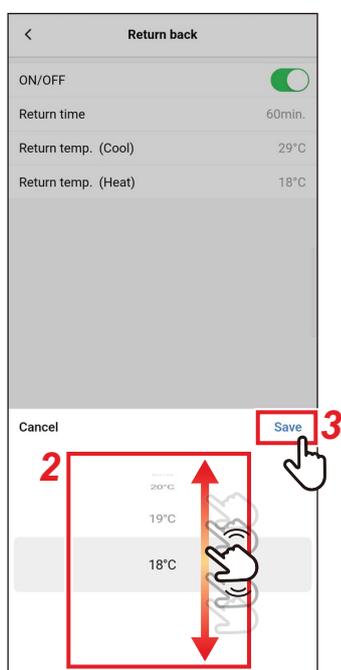
**3 Tap [Save]**

The [Return back] screen appears again.

## Return temp. (Heat)



**1 Tap [Return temp. (Heat)]**

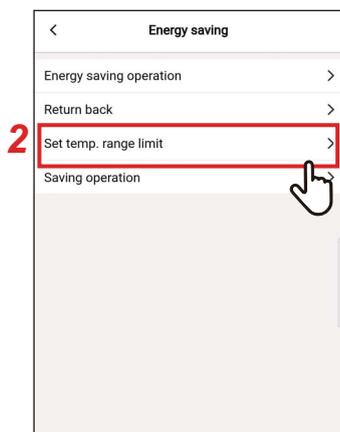


**2 Flick the screen to select the temperature**

**3 Tap [Save]**

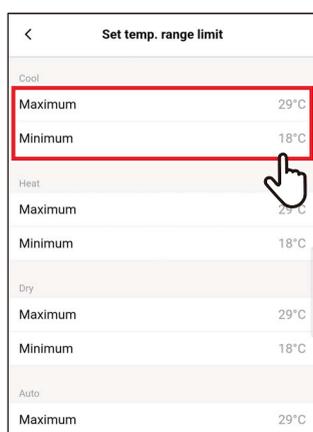
The [Return back] screen appears again.

## ■ Set temp. range limit



**1** Tap [Energy saving] on the [Setting] screen

**2** Tap [Set temp. range limit]

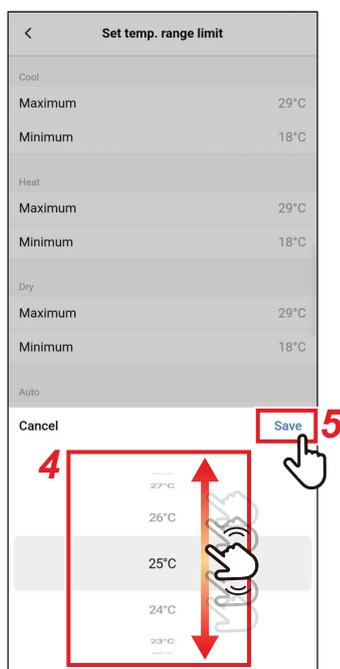


**3** Tap [Maximum] or [Minimum] for the operation mode you want to set  
You can set the temperature of [COOL], [HEAT], [DRY] or [AUTO].

**4** Flick the screen to select the temperature

**5** Tap [Save]

The [Set temp. range limit] screen appears again.





Set temp. range limit	
Maximum	29°C
Minimum	23°C
Heat	
Maximum	27°C
Minimum	18°C
Dry	
Maximum	29°C
Minimum	18°C
Auto	
Maximum	29°C

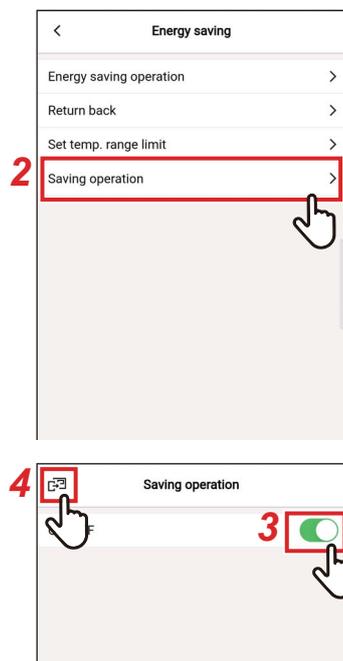
## 6 Tap [ ]

The [Energy saving] screen appears again.

### NOTE

- If [Maximum] is lower than [Minimum] or if [Minimum] is higher than [Maximum], [Set temp. range limit] cannot be set.
- The air conditioner may operate outside [Set temp. range limit] if:
  - 1) 2 remote controllers are connected and different [Set temp. range limit] values are set for these remote controllers; or
  - 2) If a temperature exceeding [Set temp. range limit] is set from the central control device.

## ■ Saving operation



**1** Tap [Energy saving] on the [Setting] screen

**2** Tap [Saving operation]

**3** Set the switch to [ON]  
[ON] indicates the [ON] state.

**4** Tap [⏮]  
The [Energy saving] screen appears again.

### NOTE

- The comfort of a room is determined from the average values of the room temperature, fan speed, outside temperature, etc. over the past 20 minutes.
  - [COOL]: +1.5°C to -1.0°C
  - [HEAT]: -1.5°C to +1.0°C
- The set temperature display does not change.
- The [Saving operation] is performed when the operation mode is [COOL], [HEAT] or [AUTO].
- This setting may not be possible, depending on the model of the indoor unit.
- When communication with the [Follower remote controller] is in progress, [Saving operation] cannot be set.

## Louver setting

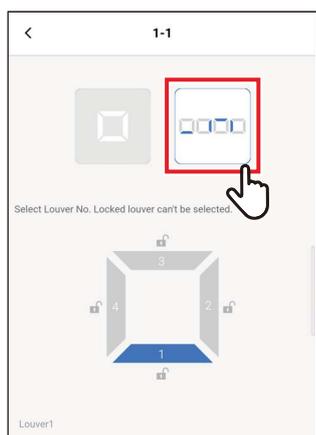
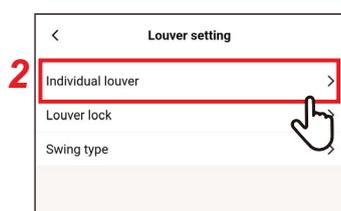
You can set the wind direction for each outlet of the indoor units of the 4-way smart cassette type.

### NOTE

- This setting may not be possible, depending on the model of the indoor unit.
- It can be set only while the air conditioner is operating.

## ■ Individual louver

### Setting the wind direction for each outlet



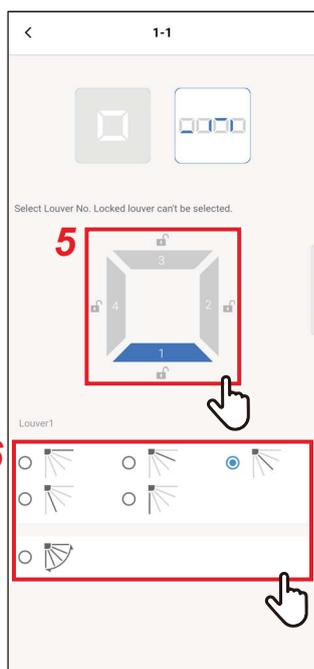
**1** Tap [Louver setting] on the [Setting] screen

**2** Tap [Individual louver]

**3** Tap the number of the unit you want to set

In the case of a group connection (multiple indoor units are connected as a group), select the unit you want to set.

**4** Tap [ ]



## 5 Tap and select the louvre you want to set

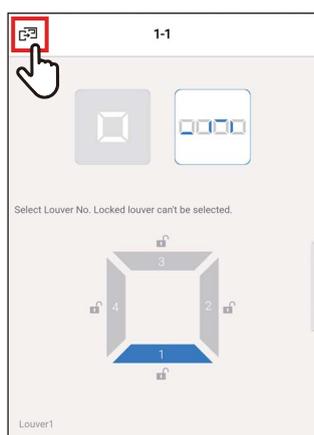
### NOTE

You cannot set a louvre for which [ ] is displayed. It indicates that the [Louvre lock] setting is in place.

## 6 Select the wind direction

### NOTE

If you select the wind direction while swinging, swing is cancelled and the set direction is used.



## 7 Tap [ ]

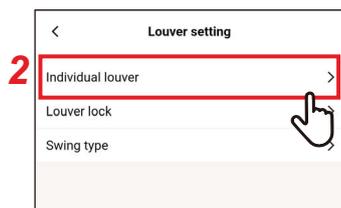
The [Individual louvre] screen appears again.



## 8 Tap [ < ]

The [Louvre setting] screen appears again.

## Setting the wind directions simultaneously



**1** Tap [Louver setting] on the [Setting] screen

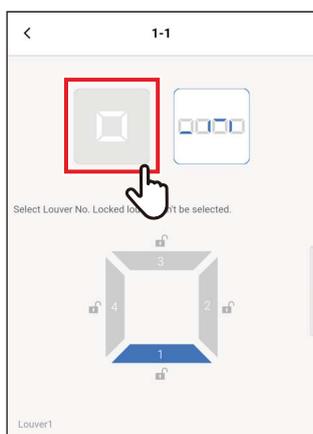
**2** Tap [Individual louver]



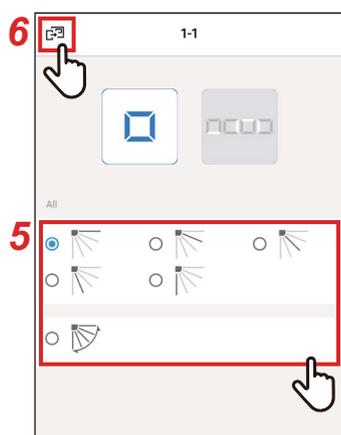
**3** Tap the number of the unit you want to set

In the case of a group connection (multiple indoor units are connected as a group), select the unit you want to set.

**4** Tap [ ]



**5** Select the wind direction



### NOTE

If you select the wind direction while swinging, swing is cancelled and the set direction is used.

**6** Tap [ ]

The [Individual louver] screen appears again.

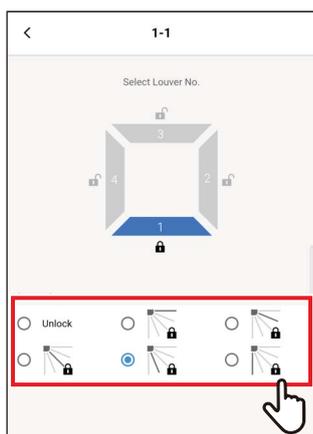
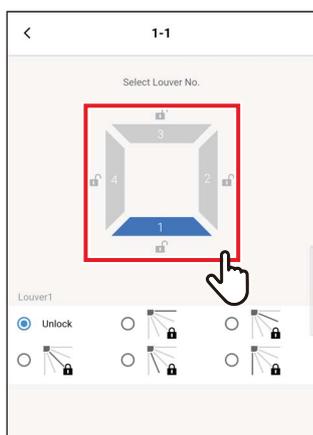
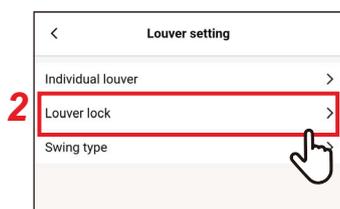
**7** Tap [ < ]

The [Louver setting] screen appears again.



## ■ Louver lock

You can set and fix the angle of louvres individually for each air outlet.



**1 Tap [Louver setting] on the [Setting] screen**

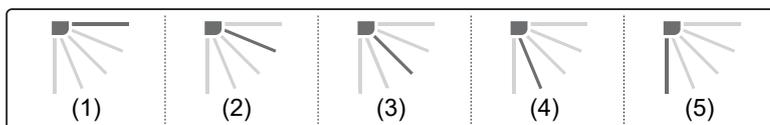
**2 Tap [Louver lock]**

**3 Tap the number of the unit you want to set**

In the case of a group connection (multiple indoor units are connected as a group), select the unit you want to set.

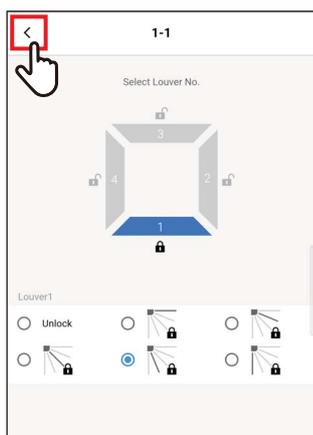
**4 Tap and select the louvre you want to set**

**5 Tap and select the wind direction you want to lock**



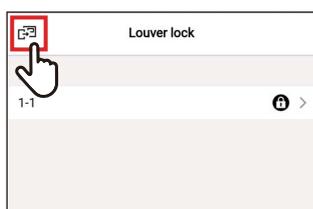
### NOTE

- When [Louver lock] is set, [ ] is displayed.
- To cancel [Louver lock], select [Unlock].
- If you set [Louver lock] when the wind direction is in the position of (4) or (5) in the [COOL] or [DRY] operation mode, condensation may occur.

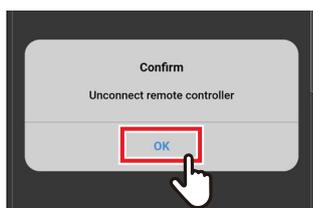


## 6 Tap [ < ]

The [Louver lock] screen appears again.



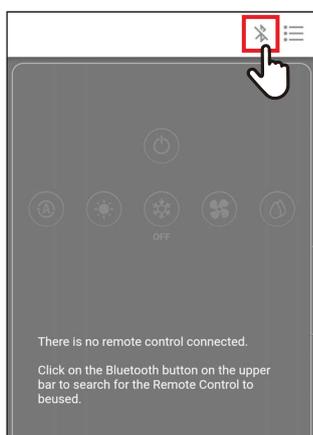
## 7 Tap [ Bluetooth ] again



## 8 Tap [OK]

The remote controller is disconnected, and the settings are updated.

[⌂] blinks on the remote controller screen.

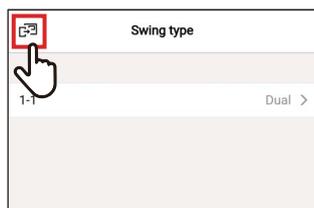
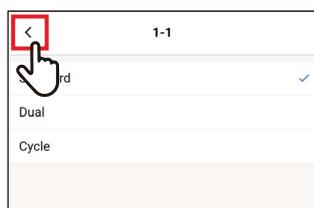
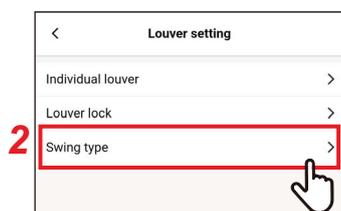


## 9 When [⌂] disappears from the remote controller screen, tap [ Bluetooth ]

Reconnect the remote controller.

## ■ Swing type

You can select from 3 types of swing operation: [Standard], [Dual] and [Cycle].



**1 Tap [Louver setting] on the [Setting] screen**

**2 Tap [Swing type]**

**3 Tap the number of the unit you want to set**

In the case of a group connection (multiple indoor units are connected as a group), select the unit you want to set.

**4 Tap and select the swing operation you want to set**

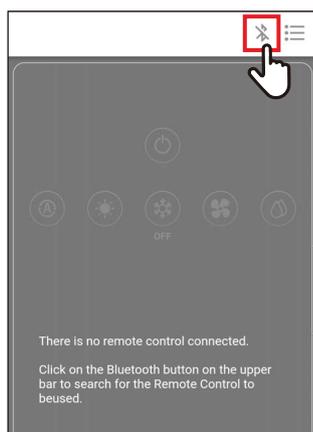
**5 Tap [ < ]**

**6 Tap [ ← ]**

**7 Tap [OK]**

The remote controller is disconnected, and the settings are updated.

[X] blinks on the remote controller screen.



- 8** When [⌚] disappears from the remote controller screen, tap [🔗] Reconnect the remote controller.

# Timer

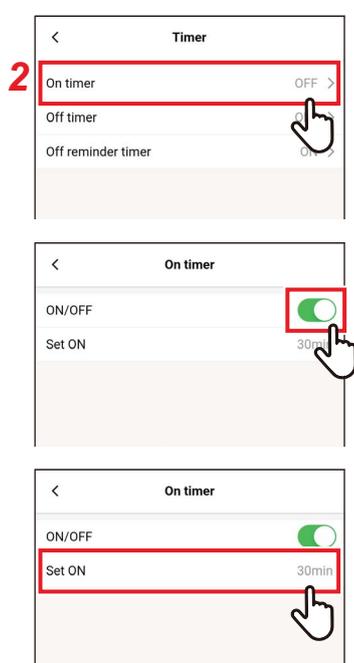
By using a timer, you can set the length of time until the air conditioner starts or stops operating.

## NOTE

- [On timer] and [Off timer] take effect only 1 time.
- [On timer] and [Off timer] do not work in the following conditions.  
When [On timer] and [Off timer] are disabled, during function settings, during central control (if [ON/OFF] is prohibited)
- When communication with the [Follower remote controller] is in progress, the timers cannot be set.
- The setting range of [On timer] and [Off timer] is a minimum of 30 minutes and a maximum of 168 hours (7 days).
- If there is a power outage, the [On timer] and [Off timer] settings are cancelled. (They are set to [OFF].)

## ■ On timer

This timer allows you to set the length of time until the air conditioner starts operating.

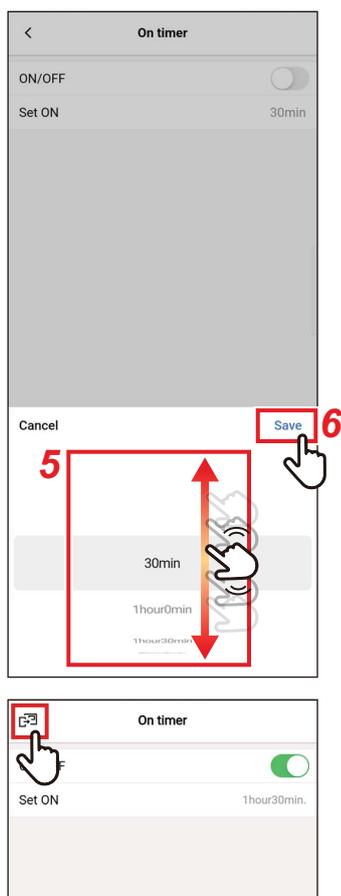


**1** Tap [Timer] on the [Setting] screen

**2** Tap [On timer]

**3** Set the switch to [ON]  
[ON] indicates the [ON] state.

**4** Tap [Set ON]



## 5 Flick the screen to select the time

The time can be selected within the range of [30min] to [7day0hour] in increments of 30 minutes or 1 hour.

## 6 Tap [Save]

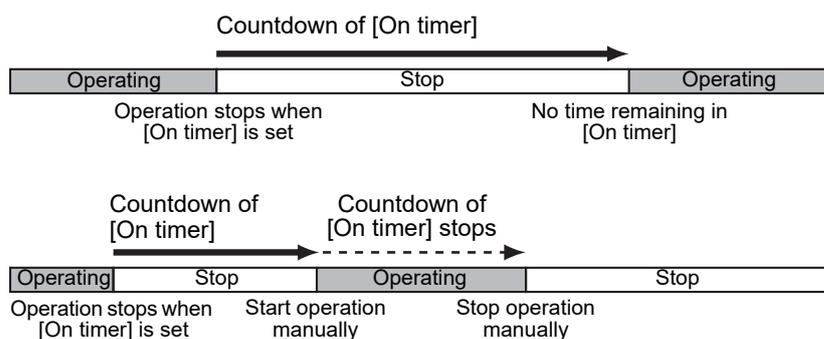
The [On timer] screen appears again.

## 7 Tap [On timer]

The [Timer] screen appears again.

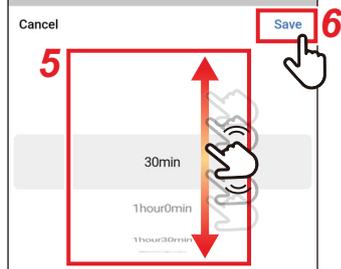
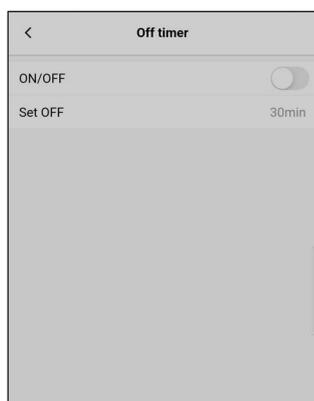
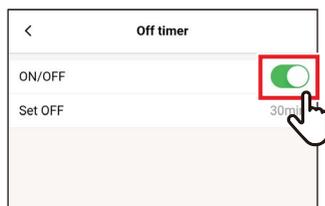
### NOTE

- The air conditioner starts operating after the time set in [On timer] has elapsed.
- The air conditioner stops operating as soon as a time is set in [On timer].
- If the air conditioner operation starts during the countdown of [On timer], [On timer] is set to [OFF].



## ■ Off timer

This timer allows you to set the length of time until the air conditioner stops operating.



**1** Tap [Timer] on the [Setting] screen

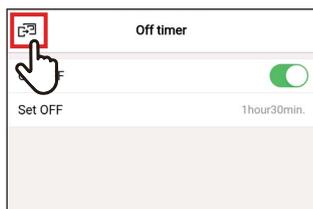
**2** Tap [Off timer]

**3** Set the switch to [ON]  
[ON] indicates the [ON] state.

**4** Tap [Set OFF]

**5** Flick the screen to select the time  
The time can be selected within the range of [30min] to [7day0hour] in increments of 30 minutes or 1 hour.

**6** Tap [Save]  
The [Off timer] screen appears again.



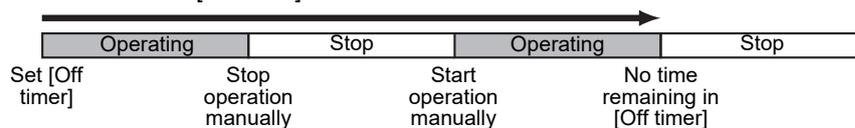
## 7 Tap [🕒]

The [Timer] screen appears again.

### NOTE

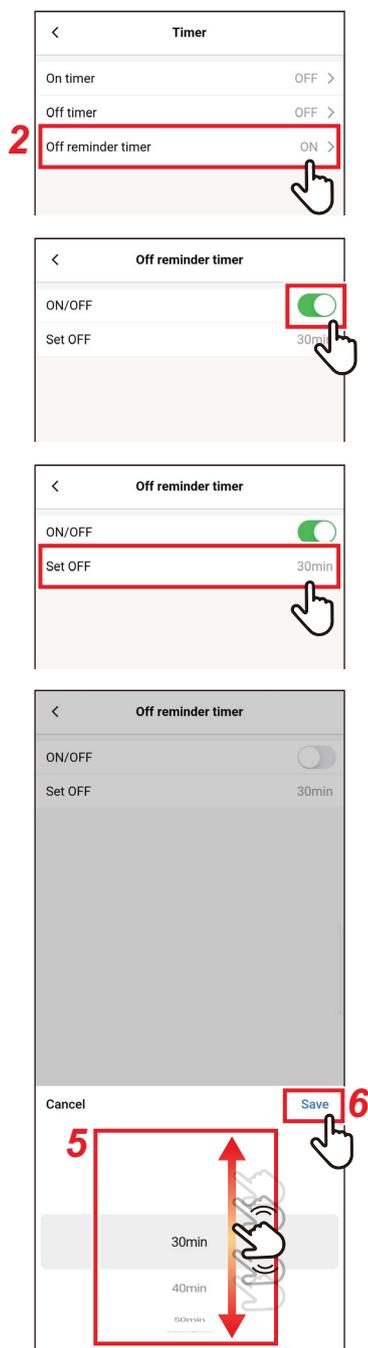
- The air conditioner stops operating after the time set in [Off timer] has elapsed.
- If the air conditioner stops or starts operating before [Off timer] stops the air conditioner operation, the countdown of [Off timer] continues.

Countdown of [Off timer]



## ■ Off reminder timer

This timer allows you to set the length of time until the air conditioner stops operating after the air conditioner operation starts.



**1 Tap [Timer] on the [Setting] screen**

**2 Tap [Off reminder timer]**

**3 Set the switch to [ON]**  
 [ON] indicates the [ON] state.

**4 Tap [Set OFF]**

**5 Flick the screen to select the time**  
 The time can be selected within the range of [30min] to [4hour0min] in increments of 10 minutes.

**6 Tap [Save]**  
 The [Off reminder timer] screen appears again.



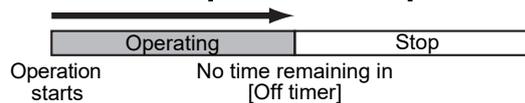
## 7 Tap [ ]

The [Timer] screen appears again.

### NOTE

- The air conditioner starts operating and, after the set time elapses, the air conditioner operation stops.

Countdown of [Off reminder timer]

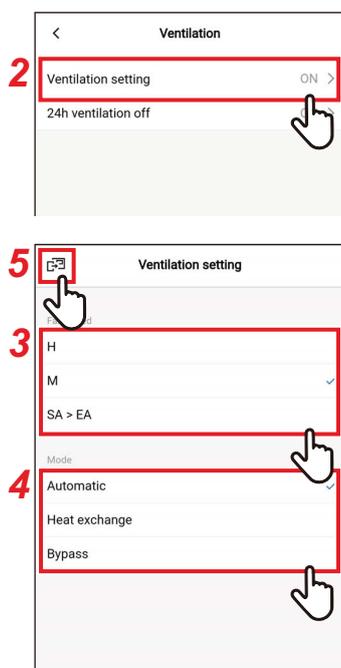


- [Off reminder timer] does not work in the following conditions.  
When [Off reminder timer] is disabled, during abnormalities, in test mode, during function settings, while [On timer]/[Off timer] is set, during central control (if [ON/OFF] is prohibited)

# Ventilation

## ■ Ventilation setting

You can set the air to air heat exchanger linked to the air conditioner.



**1** Tap [Ventilation] on the [Setting] screen

**2** Tap [Ventilation setting]

**3** Tap and select [Fan speed]

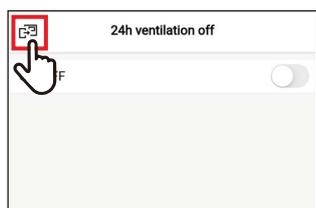
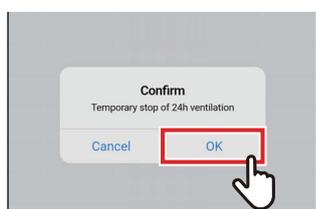
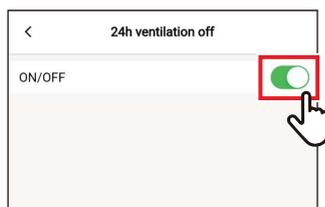
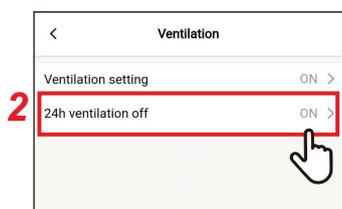
**4** Tap and select [Mode]

**5** Tap [ ]

The [Ventilation] screen appears again.

## ■ 24h ventilation off

You can stop 24h ventilation during the 24h ventilation operation.



**1 Tap [Ventilation] on the [Setting] screen**

**2 Tap [24h ventilation off]**

**3 Set the switch to [OFF]**  
[ ] indicates the [OFF] state.

**4 Tap [OK]**

**5 Tap [ ]**  
24h ventilation stops.

### NOTE

- This setting may not be possible, depending on the model of the indoor unit.
- The setting is not possible if the air to air heat exchanger is not connected or if individual ventilation is not enabled.
- [Fan speed], [Mode] and [24h ventilation off] can be set only in combination of our air to air heat exchanger VN-M\*H\* series. For details, see the owner's manual of the air to air heat exchanger.

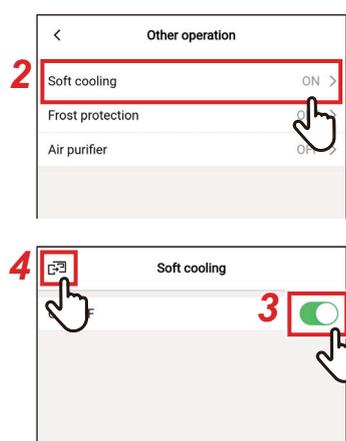
## Other operation

### NOTE

The setting may not be possible, depending on the model of the connected indoor unit or outdoor unit.

### ■ Soft cooling

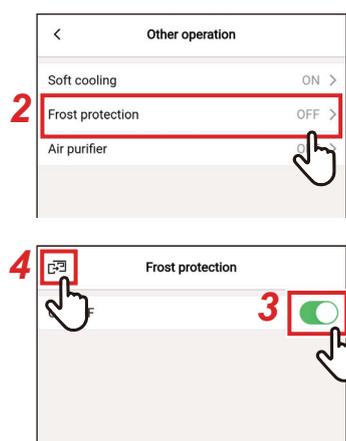
This function reduces the feeling of draft during cooling by correcting the louvre angle and suppressing the air conditioner performance.



- 1 Tap [Other operation] on the [Setting] screen**
- 2 Tap [Soft cooling]**
- 3 Set the switch to [ON]**  
[ON] indicates the [ON] state.
- 4 Tap [←]**  
The [Other operation] screen appears again.

### ■ Frost protection

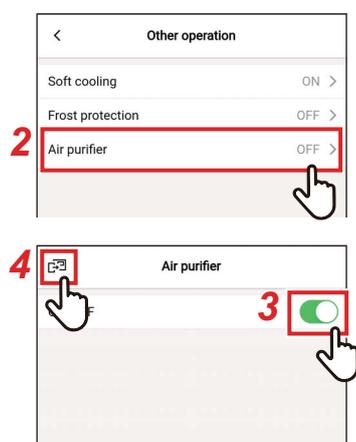
This function prevents the room temperature from dropping excessively at night, reducing the startup time and peak power consumption in the morning.



- 1 Tap [Other operation] on the [Setting] screen**
- 2 Tap [Frost protection]**
- 3 Set the switch to [ON]**  
[ON] indicates the [ON] state.
- 4 Tap [←]**  
The [Other operation] screen appears again.

## ■ Air purifier

This function purifies the air during the air conditioner operation.



**1** Tap [Other operation] on the [Setting] screen

**2** Tap [Air purifier]

**3** Set the switch to [ON]  
[ON] indicates the [ON] state.

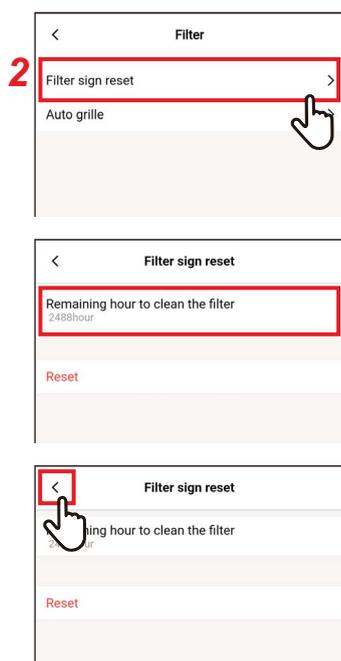
**4** Tap [Back]  
The [Other operation] screen appears again.

# Filter

## ■ Filter sign reset

This function lets you check the remaining time you have until you need to clean the filter. Resetting the remaining time deletes the filter check mark [!] from the remote controller screen.

### Checking the remaining hour to clean the filter



**1** Tap [Filter] on the [Setting] screen

**2** Tap [Filter sign reset]

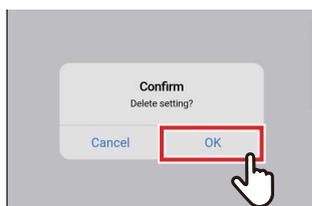
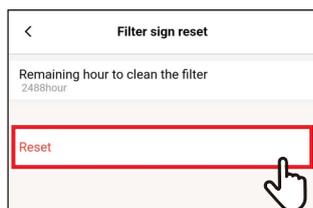
**3** Check [Remaining hour to clean the filter]

**4** Tap [ < ]  
The [Filter] screen appears again.

#### NOTE

- If 2 or more indoor units are connected, the remaining time to clean the filter of the header unit is displayed.
- The total time of [Remaining hour to clean the filter] differs for each indoor unit.

## Resetting the remaining hour to clean the filter



**1 Tap [Reset] on the [Filter sign reset] screen**

**2 Tap [OK]**  
[Remaining hour to clean the filter] is reset.  
The [Filter] screen appears again.

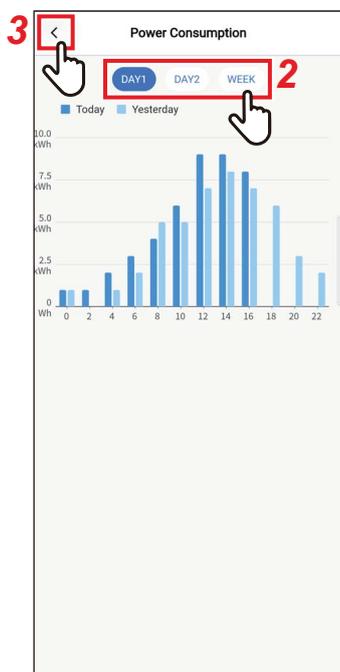
**3 Tap [ < ]**  
The [Setting] screen appears again.

### NOTE

Be sure to clean the filter before executing [Reset].

# Power consumption

This function displays a graph showing power consumption. (This is not displayed in some models.)



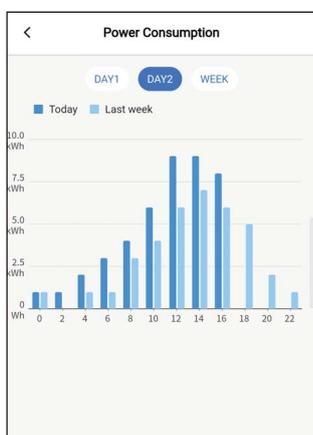
**1 Tap [Power consumption] on the [Setting] screen**

**2 Tap the data you want to display**  
You can choose from [DAY1], [DAY2] and [WEEK].

**3 Tap [ < ]**  
The [Setting] screen appears again.



**[DAY1]**  
The data of the current and previous days is displayed.



**[DAY2]**  
The data of the current day and the same day of the previous week is displayed.



## [WEEK]

The data of the current and previous weeks is displayed.

### NOTE

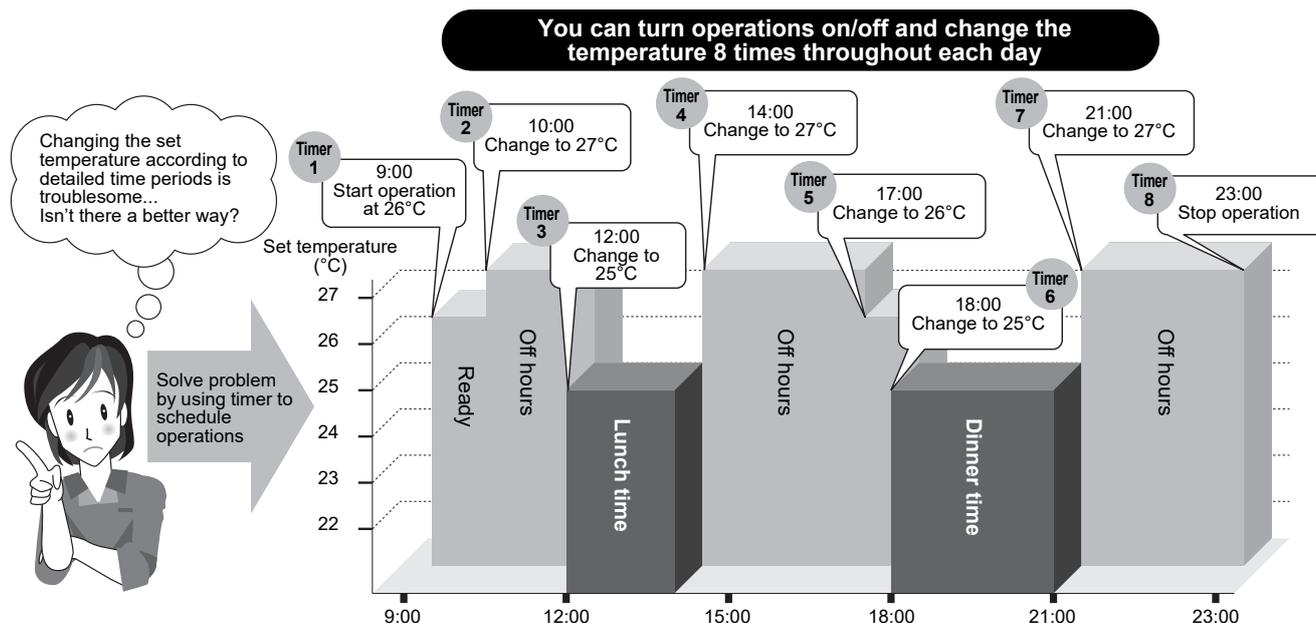
- This function is available only for indoor units and outdoor units that support it. The function cannot be used if the group connected to the remote controller includes any unsupported model, air to air heat exchanger or ventilation unit.
- The displayed power consumption is a roughly estimated value intended as an approximate guide. It may differ from the reading of the electricity meter.
- Do not use the displayed value to consider the primary power or calculate electric charges.
- If a power outage occurs, the data for a period of up to 30 minutes before the outage is not displayed.
- If you check or change the data set for the indoor unit, the data for that period may not be displayed.
- When the [Follower remote controller] is connected, [Power consumption] is not displayed.

# Administrator setting

## ■ Schedule timer

Set the operating schedule for 1 day, and then operate the air conditioner according to that schedule.

You can operate the air conditioner according to the same schedule every day, regardless of the day of the week ([Every day]); operate according to a different schedule every day of the week ([Week]); or set a day without scheduled operations ([Holiday setting]).

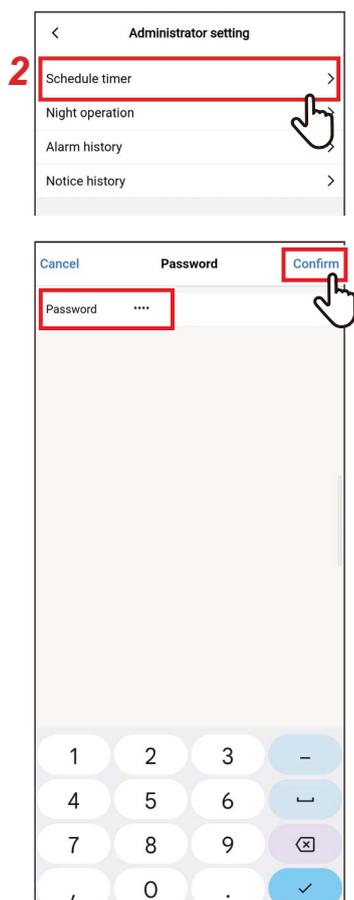


### NOTE

[Schedule timer] does not work in the following conditions.

- When [Schedule timer] is [OFF]
- When an operating schedule is set for the day of the week selected in [Holiday setting] of [Schedule timer]
- When [Off timer] and [On timer] are set to [ON]
- When the clock of the remote controller is blinking (the clock is not set)
- During abnormalities
- In test mode
- During function settings
- While a timer is set and operating
- During central control (if [ON/OFF] is prohibited)

## Entering the password



**1** Tap [Administrator setting] on the [Setting] screen

**2** Tap [Schedule timer]

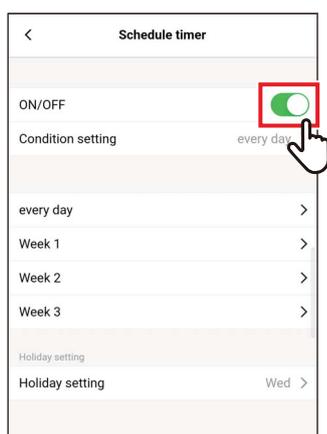
**3** Enter [Password] (4-digit number) and tap [Confirm]

The [Schedule timer] screen opens.

### NOTE

- The [Password] screen appears only when the administrator password is set.
- Set the administrator password with the remote controller.

## ON/OFF

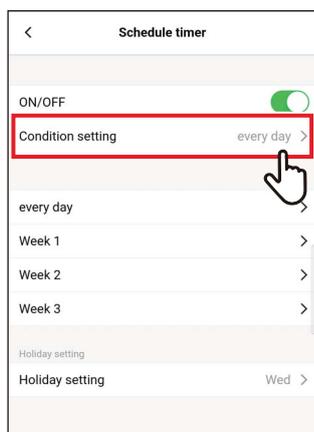


**1** Toggle between [ON] and [OFF] using a switch

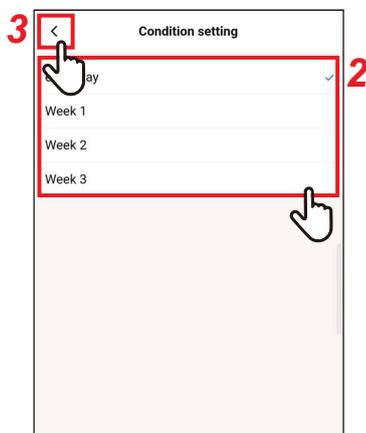
[] indicates the [ON] state.

## Condition setting

You can set the condition of the schedule.



### 1 Tap [Condition setting]



### 2 Tap and select the condition you want to set

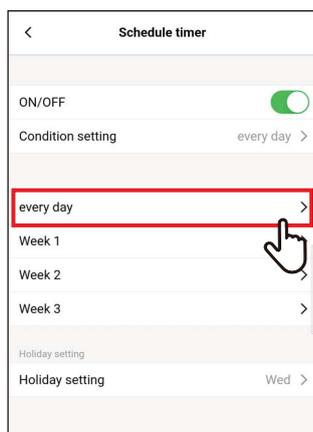
every day	The same schedule can be set for every day, regardless of the day of the week.
Week	A different schedule can be set for every day of the week. Three 1-week schedules can be registered.

### 3 Tap [ < ]

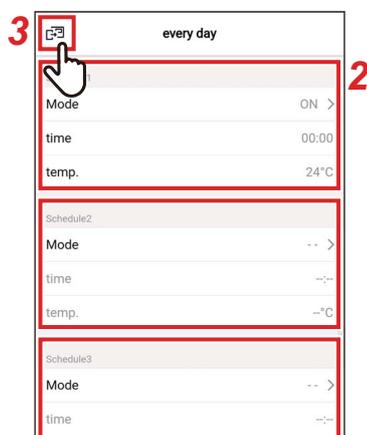
The [Schedule timer] screen appears again.

## every day

The same schedule can be set for every day, regardless of the day of the week.



### 1 Tap [every day]



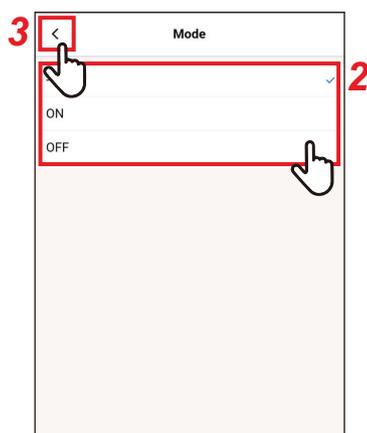
### 2 Set the schedule

You can set up to 8 schedules.

### 3 Tap []

The [Schedule timer] screen appears again.

## ▼ Mode



**1** Tap [Mode] of the schedule number you want to set

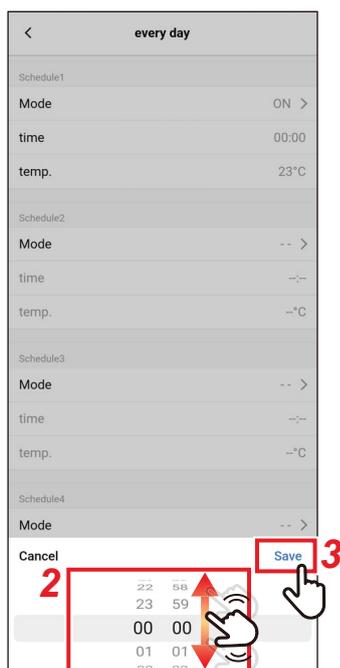
**2** Tap and select the mode you want to set

**3** Tap [ < ]  
The [every day] screen appears again.

### NOTE

- The [Mode] screen may look different, depending on the model or the settings. You may be able to set [ON] or [OFF] or select an operation mode or [OFF].
- When you can choose between [ON] and [OFF], the operation mode is the one selected when the air conditioner was operated last.

## ▼ time

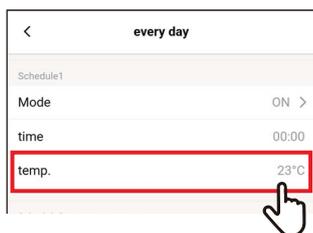


**1** Tap [time] of the schedule number you want to set

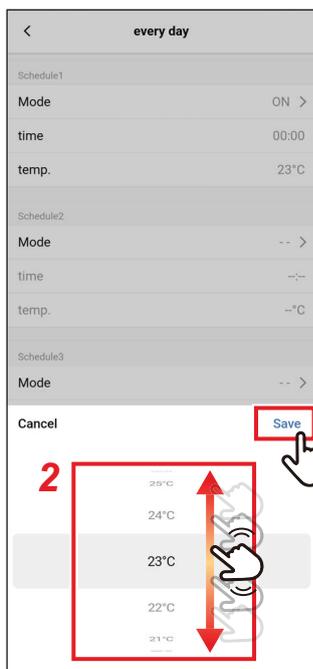
**2** Flick the screen to select the time  
The time can be selected within the range of [0:00] to [23:59] in 1-minute increments.

**3** Tap [Save]  
The [every day] screen appears again.

▼ temp.



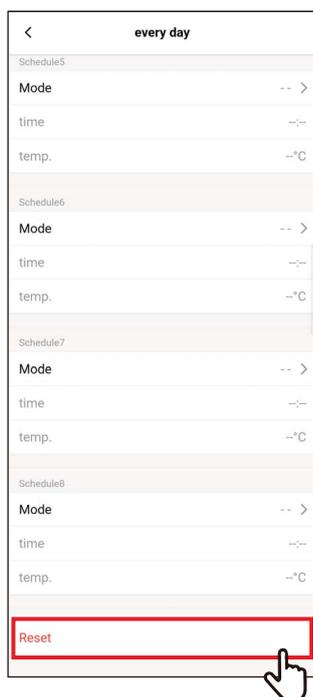
**1** Tap [temp.] of the schedule number you want to set



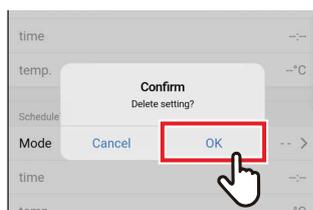
**2** Flick the screen to select the temperature

**3** Tap [Save]  
The [every day] screen appears again.

## ▼ Reset



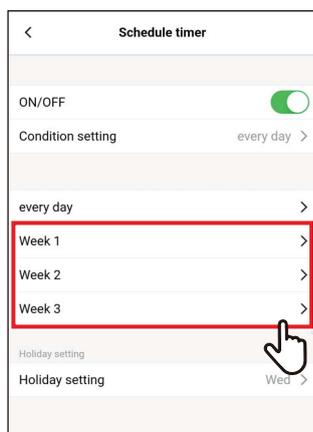
**1** To reset the set schedule, tap [Reset]



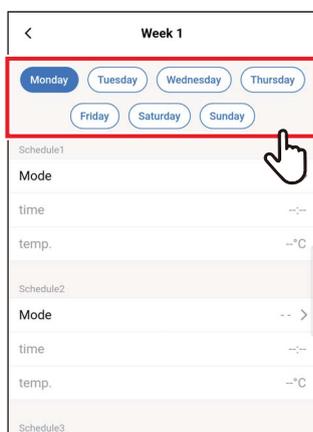
**2** Tap [OK]  
The [every day] screen appears again.

## Week

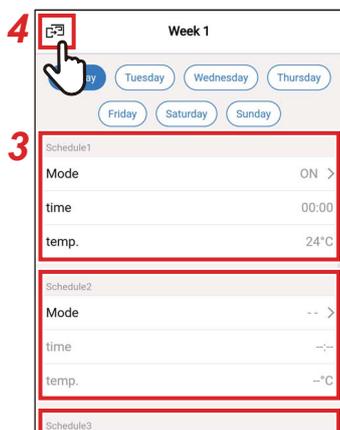
A different schedule can be set for every day of the week.



### 1 Tap [Week]



### 2 Tap the day of the week of the schedule you want to set



### 3 Set [Mode], [time] and [temp.] of the schedule you want to set

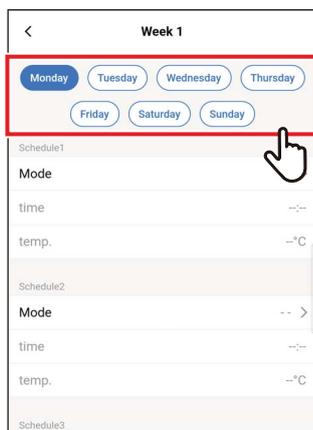
You can set up to 8 schedules for every day of the week.

### 4 Tap [

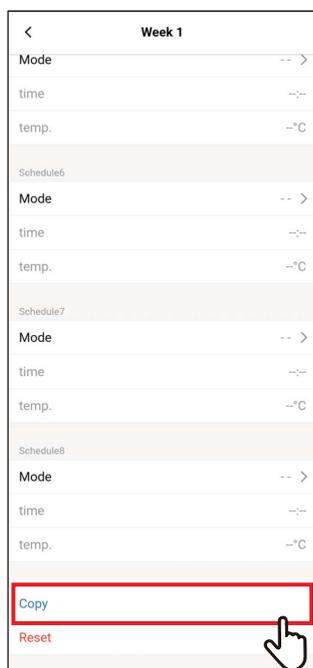
The [Schedule timer] screen appears again.

## ▼ Copy

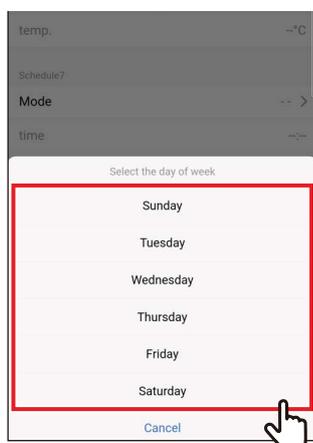
A set schedule can be copied to another day of the week.



**1 Tap the day of the week whose schedule you want to copy**



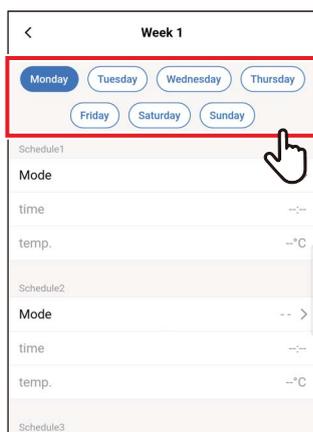
**2 Tap [Copy]**



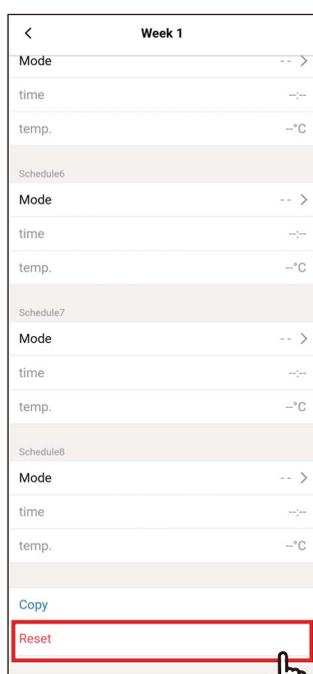
**3 Tap the day of the week to which to copy the schedule**

The schedule is copied to the selected day of the week.

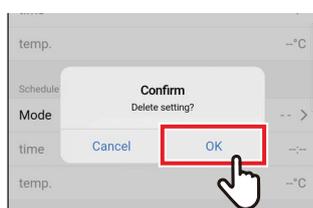
## ▼ Reset



**1 Tap the day of the week whose schedule you want to reset**

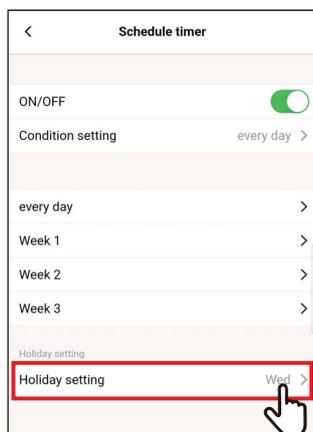


**2 Tap [Reset]**

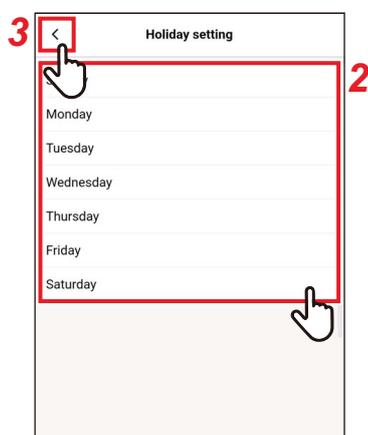


**3 Tap [OK]**  
The schedule for the selected day of the week is reset.

## Holiday setting



**1 Tap [Holiday setting]**

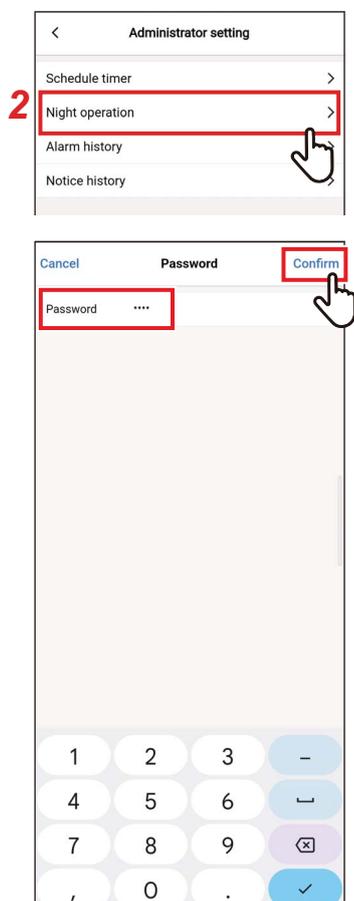


**2 Tap and select the day of the week you want to set as a holiday**

**3 Tap [ < ]**  
The [Schedule timer] screen appears again.

## ■ Night operation

### Entering the password



**1** Tap [Administrator setting] on the [Setting] screen

**2** Tap [Night operation]

**3** Enter [Password] (4-digit number) and tap [Confirm]

The [Night operation] screen opens.

#### NOTE

- The [Password] screen appears only when the administrator password is set.
- Set the administrator password with the remote controller.

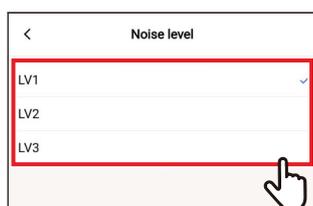
### ON/OFF



**1** Toggle between [ON] and [OFF] using a switch

[] indicates the [ON] state.

## Noise level



### 1 Tap [Noise level]

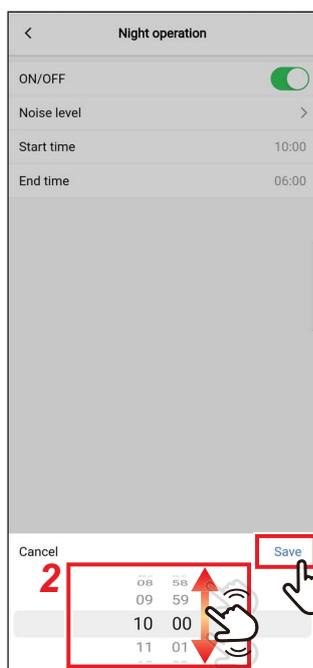
### 2 Select the level

Operation noise level	LV1 < LV2 < LV3
-----------------------	-----------------

#### NOTE

- Depending on the connected model, this setting may not be displayed, in which case the level cannot be set.
- For detailed information, contact your dealer.

## Start time / End time



### 1 Tap [Start time] or [End time]

### 2 Flick the screen to select the time

The time can be selected within the range of [0:00] to [23:59] in increments of 1 minute.

### 3 Tap [Save]

The [Night operation] screen appears again.

#### NOTE

- If the same time is set for [Start time] and [End time], quiet operation is done for 24 hours.
- Since [Night operation] gives priority to quietness, the room may not be sufficiently cooled (warmed).

## ■ Alarm history

You can check the last 10 check codes, as well as in which unit and when they occurred.



**1 Tap [Administrator setting] on the [Setting] screen**

**2 Tap [Alarm history]**



**3 Tap the unit number**

In the case of a group connection (multiple indoor units are connected as a group), select the unit you want to set.

The check code history is displayed.

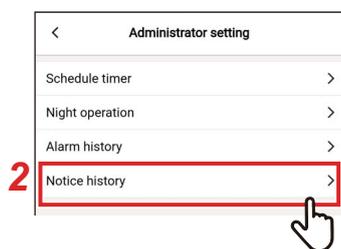


### NOTE

- Up to 10 check codes can be stored per unit.
- If the number of check codes in the history of a unit exceeds 10, the oldest data is deleted.
- If the same check code occurs repeatedly, the date of the first occurrence is displayed.

## ■ Notice history

You can check the last 10 notice codes, as well as in which unit and when they occurred.



**1 Tap [Administrator setting] on the [Setting] screen**

**2 Tap [Notice history]**



**3 Tap the unit number**

In the case of a group connection (multiple indoor units are connected as a group), select the unit you want to set.

The notice code history is displayed.



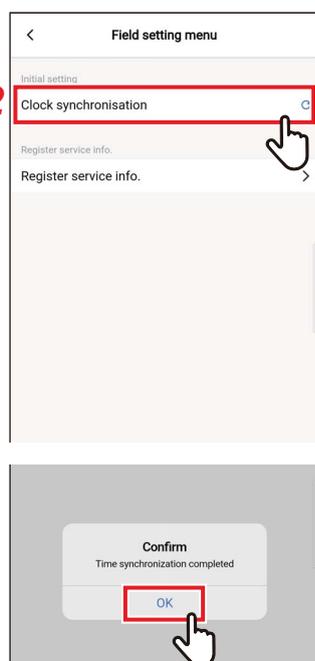
### NOTE

- Up to 10 notice codes can be stored per unit.
- If the number of notice codes in the history of a unit exceeds 10, the oldest data is deleted.
- If the same notice code occurs repeatedly, the date of the first occurrence is displayed.

## Field setting menu

### ■ Clock synchronisation

You can synchronise the remote controller clock to the smartphone clock.



**1 Tap [Field setting menu] on the [Setting] screen**

**2 Tap [Clock synchronisation]**

**3 Tap [OK]**

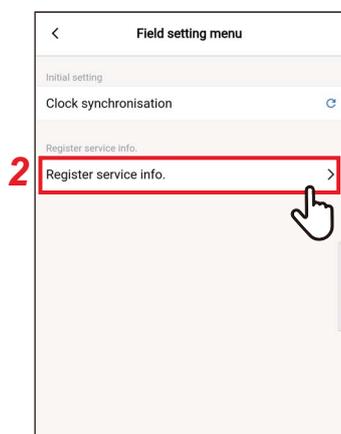
The remote controller clock is synchronised to the smartphone clock.

#### NOTE

- When you connect the remote controller to the smartphone, the remote controller clock is automatically synchronised to the smartphone clock.
- If the clocks failed to be synchronised automatically due to electromagnetic interference or some other problem, tap [Clock synchronisation] again to synchronise the remote controller clock to the smartphone clock.

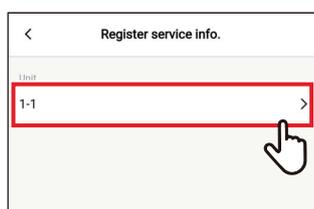
## ■ Register service info.

Register [TEL] and the model names and production numbers of [Indoor unit] and [Outdoor unit] to the remote controller.



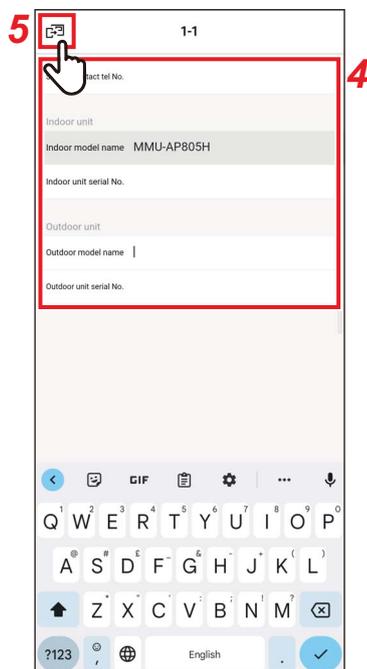
**1 Tap [Field setting menu] on the [Setting] screen**

**2 Tap [Register service info.]**



**3 Tap the number of the unit you want to set**

In the case of a group connection (multiple indoor units are connected as a group), select the unit you want to set.



**4 Entering service information**

**5 Tap [☑]**

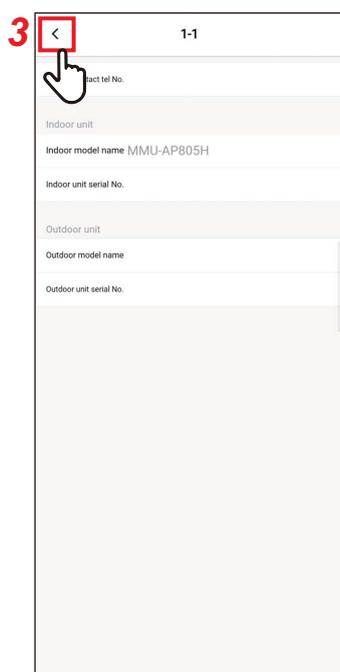
The [Register service info.] screen appears again.

### NOTE

- If model names and production numbers are already stored in [Indoor unit] and [Outdoor unit], you cannot enter them manually.
- Only a phone number can be registered as the contact.
- Service information cannot be registered when communicating with the [Follower remote controller].

## Service info.

You can check the service information.



**1 Tap [Service info.] on the [Setting] screen**

**2 Tap the unit number**

In the case of a group connection (multiple indoor units are connected as a group), select the unit you want to set.

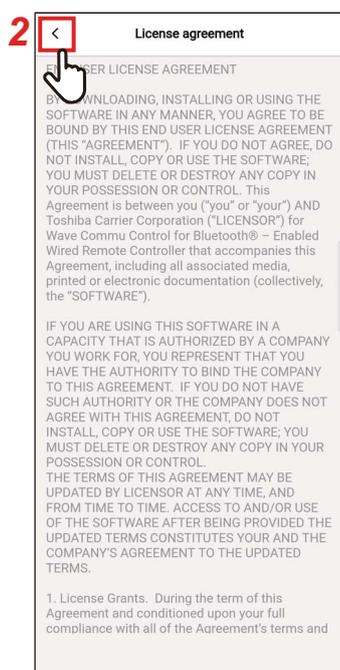
You can check [TEL] and the model names and production numbers of [Indoor unit] and [Outdoor unit] registered in the remote controller.

**3 Tap [ < ]**

The [Service info.] screen appears again.

## License agreement

This is the license agreement of Wave Commu Control. Read this agreement before using Wave Commu Control.



**1 Tap [License agreement] on the [Setting] screen**

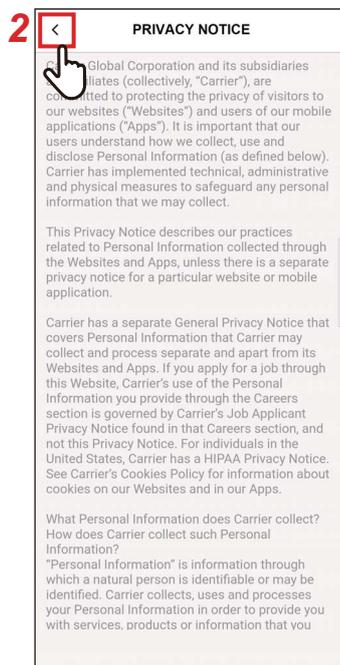
The license agreement is displayed.

**2 Tap [ < ]**

The [Setting] screen appears again.

# PRIVACY NOTICE

This is the privacy notice of Wave Commu Control. Read this agreement before using Wave Commu Control.



**1 Tap [PRIVACY NOTICE] on the [Setting] screen**

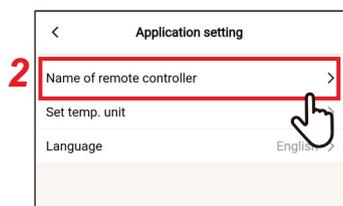
The privacy notice is displayed.

**2 Tap [ < ]**

The [Setting] screen appears again.

## Application setting

### ■ Name of remote controller



**1** Tap [Application setting] on the [Setting] screen



**2** Tap [Name of remote controller]

**3** Tap the name of the remote controller you want to change



**4** Enter the name of the remote controller and tap [Confirm]



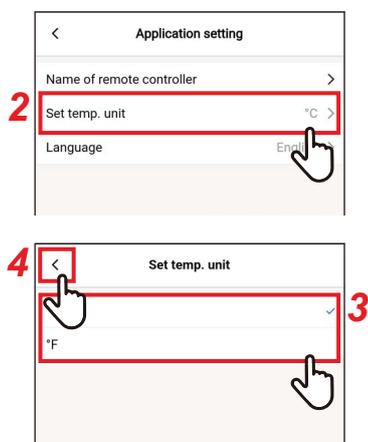
**5** Tap [ < ]  
The [Application setting] screen appears again.

#### NOTE

- The name you set in [Name of remote controller] is effective only in this application.
- You cannot use any name that is already set in [Name of remote controller].

## ■ Set temp. unit

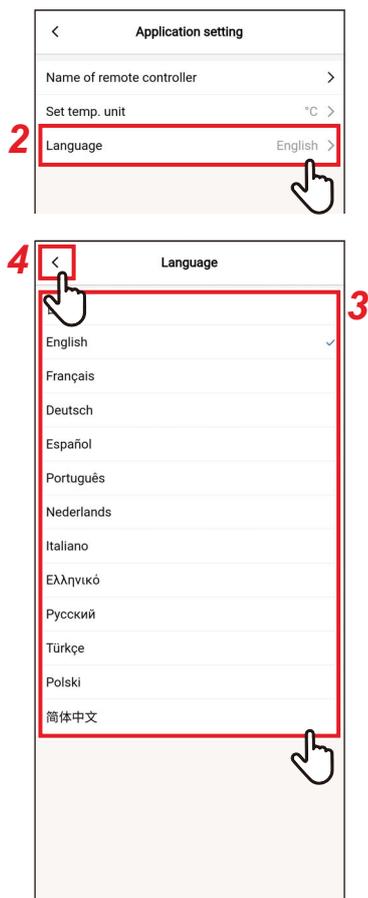
You can toggle between Celsius and Fahrenheit.



- 1** Tap [Application setting] on the [Setting] screen
- 2** Tap [Set temp. unit]
- 3** Tap and select the temperature unit you want to set
- 4** Tap [ < ]  
The [Application setting] screen appears again.

## ■ Language

You can change language used to display the application.



- 1** Tap [Application setting] on the [Setting] screen
- 2** Tap [Language]
- 3** Tap and select the language you want to set
- 4** Tap [ < ]  
The [Application setting] screen appears again.

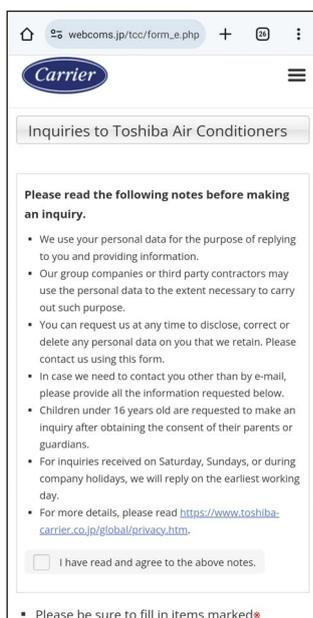
## OSS Licenses



- 1 Tap [OSS Licenses] on the [Setting] screen**
- 2 Check [OSS Licenses]**
- 3 Tap [ ← ]**  
The [Setting] screen appears again.

## Inquiry

This is the contact address for inquiries to Carrier Japan Corporation. Please confirm this information before using the app.



- 1 Tap [Inquiry] on the [Setting] screen**  
The contact methods for inquiries, questions, and safety inspections to Carrier Japan Corporation are displayed.

# Version

## 1 Check [Version] on the [Setting] screen

Setting	
Remote controller	
Energy saving	>
Louver setting	>
Timer	>
Ventilation	>
Other operation	>
Filter	>
Power consumption	>
Administrator setting	>
Field setting menu	>
Service info.	>
App info.	
License agreement	>
PRIVACY NOTICE	>
Application setting	>
OSS Licenses	>
Inquiry	>
Version	1.2.0

# 5 Appendix

## Troubleshooting

Symptom	Cause	Required action	Page
A Bluetooth connection cannot be established.	The Bluetooth setting is disabled on the remote controller.	From the menu screen of the remote controller, enable the Bluetooth setting. For details, see the owner's manual of the Bluetooth function of the remote controller.	–
	The Bluetooth function is set to OFF on the smartphone.	Set the Bluetooth function to ON on the smartphone.	–
	Another smartphone is already connected.	Disconnect the connected smartphone and try again.	11
	The smartphone is too far away from the remote controller.	When connecting the remote controller and smartphone, make sure that they are within 10 meters of each other.	–
	There is a device that emits electromagnetic waves in the 2.4 GHz band (microwave oven, wireless LAN equipment, etc.) in the vicinity.	Keep the source of electromagnetic waves away from the remote controller and smartphone.	–
The air conditioner cannot be operated, or its data cannot be obtained.	The smartphone is not sending Bluetooth signals to the remote controller.	Check that the Bluetooth function is set correctly on the smartphone.	11
	The function performed on the smartphone is restricted on the remote controller or air conditioner.	Check your remote controller or air conditioner to see whether they support the function in question or how that function is set.	–
	The smartphone is disconnected.	Try connecting the smartphone again.	14
	The smartphone is too far away from the remote controller.	When operating the application, make sure that the remote controller and smartphone are within 10 meters of each other.	–
	There is a device that emits electromagnetic waves in the 2.4 GHz band (microwave oven, wireless LAN equipment, etc.) in the vicinity.	Keep the source of electromagnetic waves away from the remote controller and smartphone.	–
The pairing history is deleted.	The pairing information is deleted because the remote controller is paired with more than 8 smartphones.	The remote controller can store the pairing history of up to 7 smartphones. If you pair an 8th smartphone, the pairing information with the oldest registration date is deleted.	–

# **Carrier Japan Corporation**

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