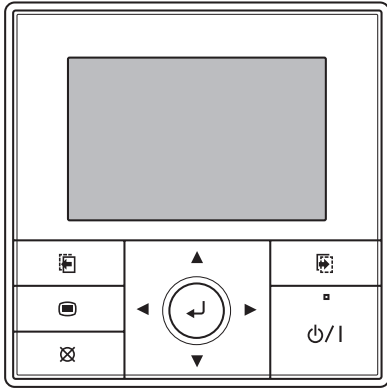


# REMOTE CONTROLLER (WIRED TYPE)



**UTY-RVN\*M**

**OPERATING MANUAL**  
KEEP THIS MANUAL FOR FUTURE REFERENCE

English

# OPERATING MANUAL

PART No. 9380221043

REMOTE CONTROLLER (WIRED TYPE)

## Contents

<b>1. INTRODUCTION.....</b>	<b>2</b>	<b>5-4. Filter sign setting .....</b>	<b>19</b>
1-1. Safety precautions .....	2	5-4-1. Filter sign reset setting .....	20
1-2. Remote controller overview .....	3	5-4-2. Display setting .....	20
1-3. About “Monitor” screen.....	4	<b>5-5. R.C. sensor control setting .....</b>	<b>21</b>
<b>2. BASIC OPERATIONS.....</b>	<b>5</b>	<b>5-6. Room temp. display setting .....</b>	<b>21</b>
2-1. Starting the operation .....	5	<b>5-7. Key lock select setting.....</b>	<b>21</b>
2-1-1. On/Off setting .....	5	<b>5-8. Initial setting .....</b>	<b>22</b>
2-1-2. Operation mode setting .....	5	5-8-1. Language setting.....	22
2-1-3. Set temperature adjustment .....	5	5-8-2. Temperature unit setting.....	23
2-1-4. Fan speed setting.....	5	<b>6. CLEANING AND CARE .....</b>	<b>23</b>
2-2. Setting items in Menu .....	6	<b>7. SPECIFICATION.....</b>	<b>23</b>
2-3. Setting items in Submenu .....	7	<b>8. OTHERS .....</b>	<b>23</b>
<b>3. FUNCTION SETTING .....</b>	<b>8</b>	8-1. Error code .....	23
3-1. Switching to the “Function” screen .....	8	8-2. Troubleshooting .....	24
3-2. Function setting items .....	8		
3-2-1. Air flow direction setting.....	8		
3-2-2. Economy setting .....	9		
3-2-3. Set temp. auto return setting .....	9		
3-2-4. Set temp. range limitation setting .....	10		
<b>4. TIMER SETTING .....</b>	<b>11</b>		
4-1. Switching to the “Timer” screen.....	11		
4-2. Timer setting items .....	11		
4-2-1. On timer setting .....	11		
4-2-2. Off timer setting .....	12		
4-2-3. Weekly timer setting .....	13		
4-2-4. Auto-off timer setting .....	15		
<b>5. SUBMENU SETTING .....</b>	<b>17</b>		
5-1. Switching to the “Submenu” screen .....	17		
5-2. Date/Time setting .....	17		
5-2-1. Date setting .....	17		
5-2-2. Time setting .....	17		
5-2-3. Summer time (Daylight saving time) setting .....	18		
5-2-4. Change display format setting .....	18		
5-3. Screen setting.....	19		
5-3-1. Automatic off time setting .....	19		
5-3-2. Brightness setting .....	19		
5-3-3. Contrast setting .....	19		

# 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.
- For how to operate each indoor unit, refer to the operating manual attached with the relevant indoor unit.
- Request the user to keep the manual on hand for future use, such as for relocating or repairing the unit.

### WARNING

This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.

### CAUTION

This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.

### WARNING

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.

This unit contains no user-serviceable parts. Always consult authorized service personnel for repairing, installation, and relocation of this product. Improper installation or handling will cause a product malfunction, an electric shock, or a fire.

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. Lack of preventive measures may cause an accident.

Do not use flammable gases near the unit. It may cause a fire from leaking gas.

### CAUTION

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.

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.

Do not place electrical devices within 1 m (3.3 ft) 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.

### CAUTION

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.

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.

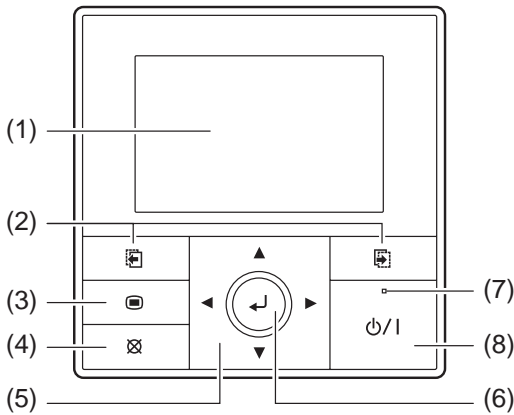
Children should be supervised to ensure that they do not play with the appliance.

## 1-2. Remote controller overview

### ⚠ CAUTION

Press the button lightly with a finger. It may cause a failure if pressed with excessive force.

Do not press the screen too hard. It may cause a failure.



#### (1) Display panel (with backlight)

- Backlights when you press any button.
- Depending on the operation or setting, the content changes.
- The brightness, contrast, and automatic light-off setting of the backlight can be adjusted. Refer to "5. SUBMENU SETTING".

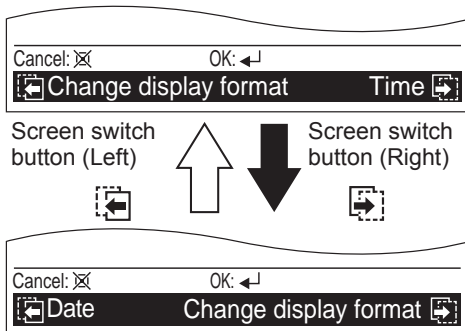
**NOTE:** While the backlight is off by the automatic light-off, the first button operation does not work, and the backlight illuminates. (The On/Off button is excluded.)

While the backlight is set to [Off], it is effective from the first button operation.

#### (2) Screen switch button (Left/Right)

Backwards the screen to previous setting item or forwards the screen to next setting item.

Ex.) "Date" screen



**NOTE:** These buttons are active only when any combinations of [Left Arrow] or [Right Arrow] and the relevant screen names are displayed in the black field at the bottom of the screen.

#### (3) Menu button

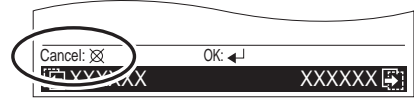
When you press this button while the "Monitor" screen is displayed, it switches to the "Menu" screen. If you press the button again "Menu" screen, it switches to the "Submenu" screen.

#### (4) Cancel button

Cancels the current selection and return to previous screen.

Operable control at the setting is displayed in the lower left of each setting screen as follows:

- When you press this button while setting, the setting is canceled and returns to the previous screen.



- When this button is pressed after setting (or before setting), it returns to the previous screen.



#### (5) Cursor button

When up/down ▲ ▼ or left/right ◀ ▶ arrows are displayed on the screen, you can move the cursor to change the selected items.

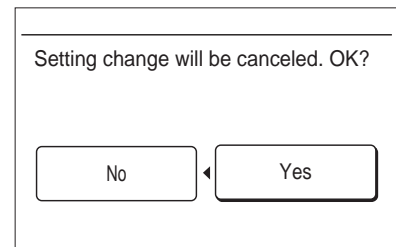
Up/down ▲ ▼ arrows are also displayed when the setting item is adjustable or changeable.

**NOTE:** Press the marked part on the [Cursor button]. It does not respond correctly when diagonally operating it.

#### (6) Enter button

Selects the highlighted item or finalize the setting.

**NOTE:** When switching to another setting screen before the setting is completed, the cancel confirmation screen is displayed. When canceling the setting, select [Yes] with the [Cursor button (Left/Right)] and press the [Enter button].



#### (7) Power indicator

Lights green when the unit is turned on, and goes off when the unit is turned off.

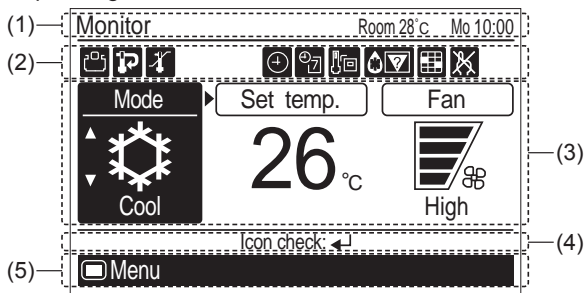
**NOTE:** It blinks when an error occurs.

#### (8) On/Off button

Starts or stops the operation.

### 1-3. About “Monitor” screen

“Monitor” screen shows several statuses such as the operating status of the air conditioner, function setting, or other current operating conditions.



#### (1) Screen status and current conditions

Shows the current screen name, room temperature, day of the week, and clock.

##### NOTES:

- The clock can be changed to 24-hour clock, AM/PM (12-hour: 12:00–11:59 or 0:00–11:59) clock. (Refer to “5-2-4. Change display format setting” on page 18.)
- Room temperature indication is available only if the “Room temp. display” function is enabled. (Refer to “5-6. Room temp. display setting” on page 21.)

#### (2) Icon display

Shows the function that is currently working or set.

**NOTE:** In this section, all the possible icons are displayed for description.

Icon	Function name	See page
	- Economy	9
	Set temp. (temperature) auto return	9
	Set temp. (temperature) range limitation	10
	On timer	11
	Off timer	12
	Auto-off timer	15
	Weekly timer	13
	- R.C. (Remote Controller) sensor control	21
	- Automatic defrosting, oil recovery, or mode mismatch	24
	Filter cleaning notification	20
	- R.C. (Remote Controller) prohibition	-

#### White icon on a black background:

Indicates that the function is valid and performing the function or standby state.

#### Black icon on a white background:

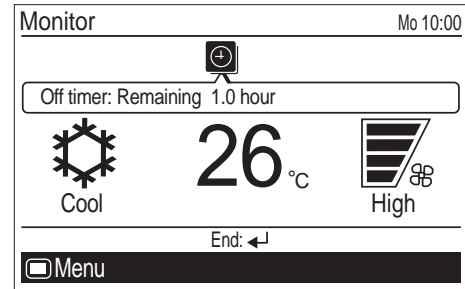
Indicates that the controller is in non-operating state because R.C. prohibition on the primary unit is working, or timer has been set, though the function is valid.

#### About “Icon check” function:

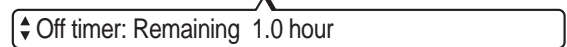
In “Monitor” screen, you can check the name of the icon that indicates function currently set.

**NOTE:** This function is only available when at least 1 icon is displayed on the icon display.

- Message balloon with the function name appears when you press the [Enter button] and select the icon by using the [Cursor button].
- Item that has a timer function, remaining time until the timer expires is also displayed.



- If multiple timers have been set, up/down arrows ▲ ▼ are displayed in the message balloon. To check the target timer function, press the [Cursor button (Up/Down)].



- With pressing the [Cursor button (Left/Right)], you can check the other icon functions when several icons are displayed on the “Monitor” screen.
- When you press the [Enter button] again, the message balloon is closed.
- If there is no additional button operation for 3 seconds, the icon check function is finished.

#### (3) Operating condition display

Shows the operating mode, set temperature, and fan speed that are currently working or set.

- Mode display: Operating mode is displayed.
- Set temp. display: Set temperature is displayed.
- Fan display: Fan speed is displayed.

#### (4) Operation guidance display

Shows the current operable items and the button to be pressed.

#### (5) Screen switch guidance display

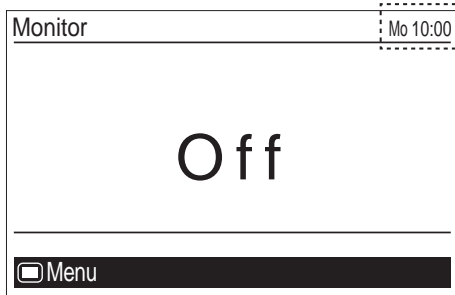
Any combination of [Menu button] mark () with name of switchable screen by pressing the [Menu button] or [Screen switch button (Left/Right)] mark ( or ) with name of switchable screen by pressing the [Screen switch button (Left/Right)] is displayed.

## 2. BASIC OPERATIONS

### 2-1. Starting the operation

#### PREPARATION:

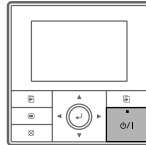
Check whether the current time is displayed correctly on the screen. When changing the time or switching the setting for summer time (daylight saving time), follow the instructions in "5-2. Date/Time setting".



#### 2-1-1. On/Off setting

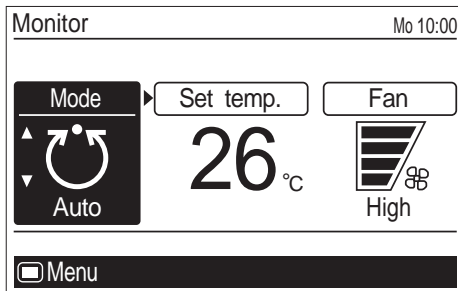
Press the [On/Off button].

The power indicator (green) lights, and the air conditioner starts the operation. When you press the button again, the operation is stopped, and the power indicator is turned off.



#### 2-1-2. Operation mode setting

In "Monitor" screen, select [Mode], and switch to the desired operation mode with the [Cursor button (Up/Down)].



#### Operation mode marks



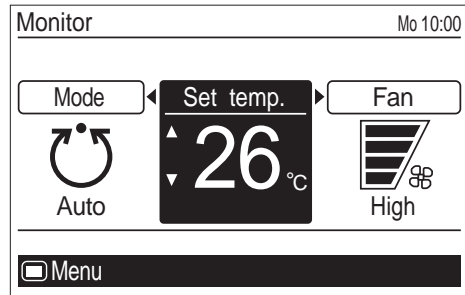
#### Note

Only the adjustable operation mode is displayed.

If there is another operation setting to be changed, you can continue the configuration. Move to desired item by using [Cursor button (Left/Right)].

### 2-1-3. Set temperature adjustment

In "Monitor" screen, select [Set temp.] with the [Cursor button (Left/Right)], and adjust the room temperature with the [Cursor button (Up/Down)].



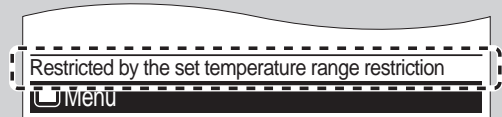
#### Notes

- Possible temperature setting ranges in the operation mode are as follows:

Cool, Dry, Auto ..... 18 to 30 °C (64 to 88 °F)  
Heat..... 16 to 30 °C (60 to 88 °F)

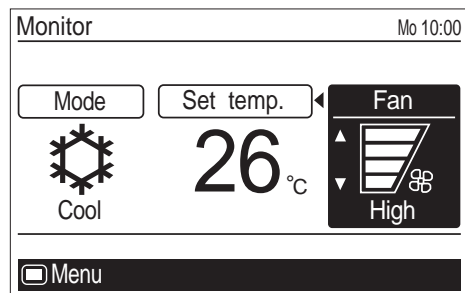
- When operation mode is set to [Fan], the set temperature cannot be adjusted. ([Set temp.] cannot be selected.)

- If the temperature is being out of the range configured in [Set temp. range] setting, message indicating that the temperature is restricted is displayed on the screen.



#### 2-1-4. Fan speed setting

In "Monitor" screen, select [Fan] with the [Cursor button (Left/Right)], and adjust the fan speed with the [Cursor button (Up/Down)].



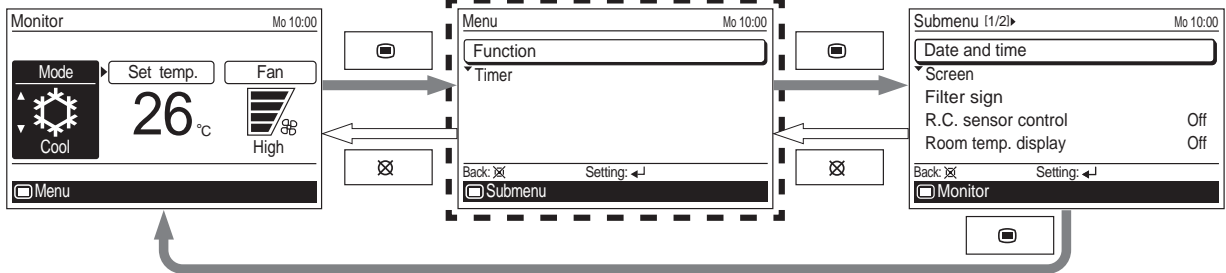
#### Fan speed marks



#### Note

When the operation mode is set to [Dry], Fan speed switches to [Auto]. (Fan speed cannot be selected.)

## 2-2. Setting items in Menu



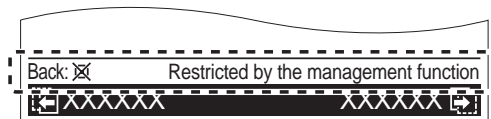
Following items can be adjusted in Menu.

### NOTES:

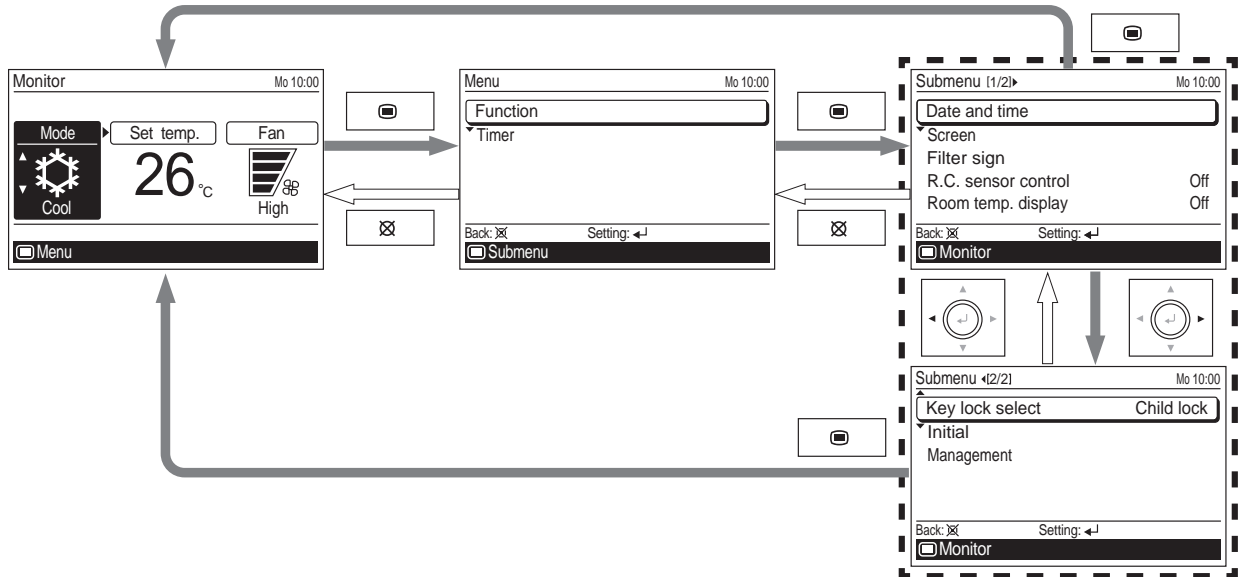
- Items marked “-” in “Secondary unit” column cannot be adjusted from the remote controller that is specified as the secondary control unit. Adjust the function on the primary unit.
- Depending on the type of the indoor unit, some features cannot be set.

Settings and Display Items		Details	Operation (See page)	Secondary unit
Function	Air flow direction	Sets the airflow direction. The airflow direction position adjustment and the swing can be set.	8	○
	Economy	The room temperature will be little higher than the set-temp under cooling mode and lower than set-temp under heating mode. Therefore, the economy mode is able to save more energy than other normal mode.	9	○
	Set temp. (temperature) auto return	The temperature automatically returns to the preset value after a certain period of time has elapsed since the set temperature was changed. The set time can be set from 30 to 120 minutes in units of 10 minutes.	9	-
	Set temp. (temperature) range limitation	Limits the range of the set temperature. The temperature range can be limited through the operation mode.	10	-
Timer	On timer	Use this timer function to start air conditioner operation. The timer operates and air condition operation starts after the set time has passed. The timer can be set up to 24 hours in advance. Can be set up to 24 hours in units of 30 minutes.	11	-
	Off timer	Use this timer function to stop air conditioner operation. The timer operates and air conditioner operation stops after the set time has passed. The timer can be set up to 24 hours in advance. Can be set up to 24 hours in units of 30 minutes.	12	-
	Weekly timer	Operation start and end times can be set to 1 week. Up to 8 patterns of On/Off, operation mode, and temperature setting can be set in 1 day. 2 sets of the weekly timer, [Weekly 1] and [Weekly 2], can be set. For example, you can assign the [Weekly 1] for summer and [Weekly 2] for winter. Then you only need to switch [Weekly 1] and [Weekly 2] by the season.	13	-
	Auto-off timer	Operation end time can be set if the air conditioning operation has been started with the [On/Off button] of this remote controller. The set time can be set from 30 to 240 minutes in units of 10 minutes. You can also specify the valid hour in a day for this timer.	15	-

**NOTE:** If the function you are selecting is restricted by [Management] function, following message is displayed in the operation guidance display.



## 2-3. Setting items in Submenu



Following items can be adjusted in Submenu.

**NOTE:** Depending on the type of the indoor unit, some features cannot be set.

Settings and Display Items		Details	Operation (See page)	Secondary unit
Date and time	Date	Sets and corrects the date.	17	○
	Time	Sets and corrects the time.	17	○
	Summer time Daylight saving time	Sets or cancels daylight saving time.	18	○
	Change display format	The display format for the date and time can be changed.	18	○
Screen		The LCD backlight time, backlight brightness, and LCD contrast can be changed.	19	○
Filter sign*	Filter sign reset	Removes the filter sign.	20	○
	Display	Switches between displaying and non-displaying the filter sign.	20	○
R.C. (Remote Controller) sensor control*		The room temperature sensor of the indoor unit can be switched to the room temperature sensor that is built into this remote controller. <b>NOTE:</b> This setting can be set on either of one of the primary unit or the secondary unit.	21	○
Room temp. (temperature) display		Switches between displaying and non-displaying the room temperature. The displayed room temperature is the temperature around the remote control.	21	○
Key lock select	Child lock	Restricts all the button operation.	21	○
	Part lock	Restricts the [Menu button] operation.	21	○
Initial	Language	Switches the display language of the remote control. The following languages can be selected: English, German, French, Spanish, Italian, Greek, Russian, Portuguese, and Turkish.	22	○
	Temp. (Temperature) unit	Switches the set temperature and the room temperature display between Celsius and Fahrenheit.	22	○
	Password setting	Password for "Management" function setting can be set. (Refer to the installation manual.)	-	○
Management		Restricts the operations of some functions by non-authorized person. With the password control, only the administrator can get access to the function setting. (Refer to the installation manual.)	-	○

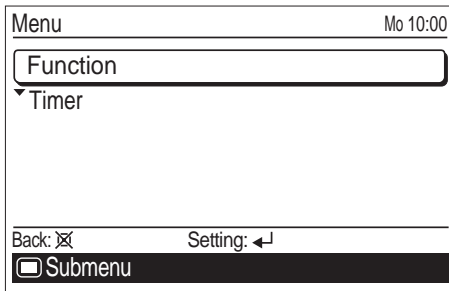
\*: Functions set to inactive at the factory, and they are not displayed on the "Submenu" screen. To activate these functions, consult authorized service personnel.



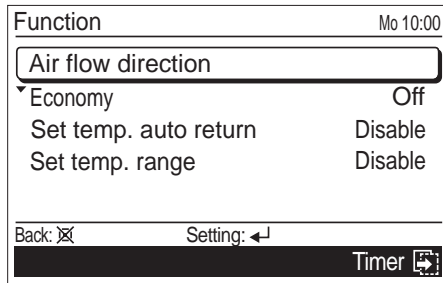
## 3. FUNCTION SETTING

### 3-1. Switching to the “Function” screen

- 1 In “Menu” screen, select [Function] with the [Cursor button (Up/Down)], and press the [Enter button].



- 2 “Function” screen is displayed. To return to the “Menu” screen, press the [Cancel button].

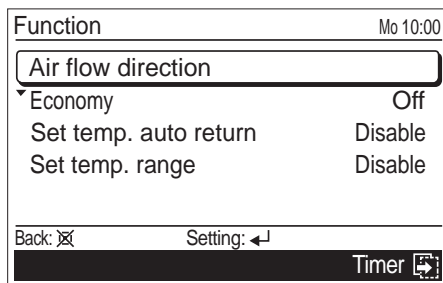


### 3-2. Function setting items

In “Function” screen, select the target function with the [Cursor button (Up/Down)], and press the [Enter button]. Then the setting screen of the selected function is displayed.

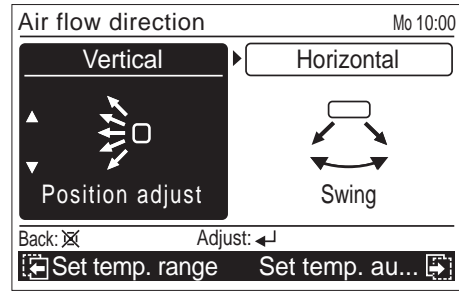
#### 3-2-1. Air flow direction setting

- 1 In [Function] screen, select [Air flow direction] with the [Cursor button (Up/Down)], and press the [Enter button].



- 2 “Air flow direction” screen opens. In “Air flow direction” screen, adjustable airflow direction on the relevant indoor unit and its current specified movement are displayed.

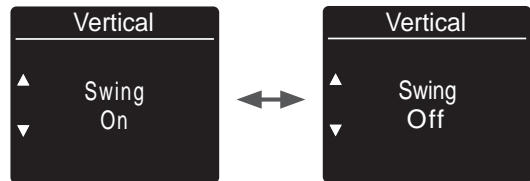
Select [Vertical] or [Horizontal] with the [Cursor button (Left/Right)].



#### Note

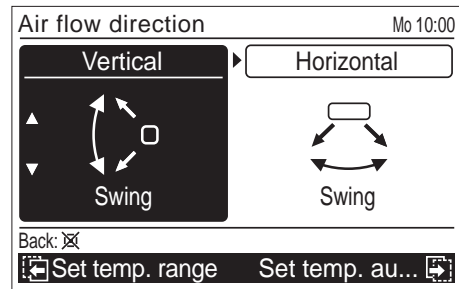
Adjustable airflow direction varies according to the indoor unit.

- 3 Select [Swing] (Swing On) or [Position adjust] (Swing Off) with the [Cursor button (Up/Down)], and press the [Enter button].



#### When [Swing] is selected:

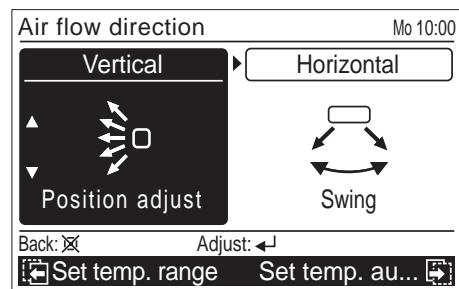
Starts swing operation.



#### When [Position adjust] is selected:

With pressing the [Enter button], adjust the desired air flow direction.

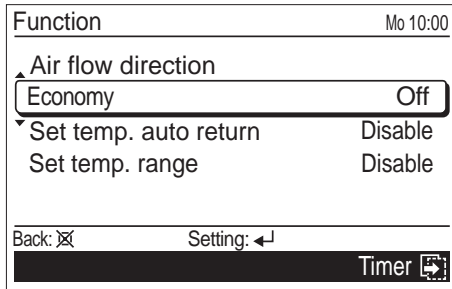
When the [Enter button] is pressed, Position adjust indication blinks and the arrow indicates the airflow direction moves one step.



If you press the [Cancel button], the screen returns to the “Function” screen.

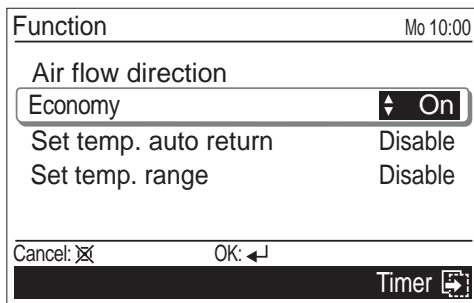
## 3-2-2. Economy setting

- 1 In "Function" screen, select [Economy] with the [Cursor button (Up/Down)].

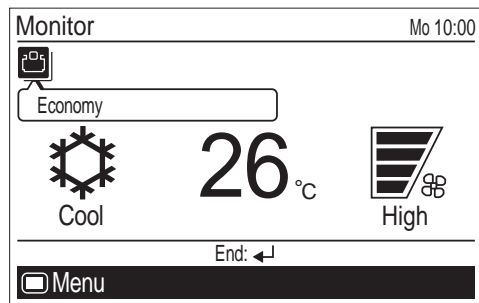


To change the setting, press the [Enter button].

- 2 Select [On] or [Off] by pressing the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.

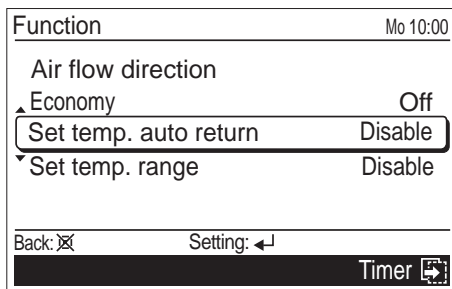


When you return to the "Monitor" screen, the icon is displayed. To check the function, press the [Enter button] and select the icon.



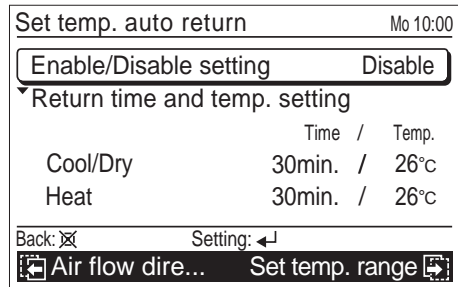
## 3-2-3. Set temp. auto return setting

- 1 In "Function" screen, select [Set temp. auto return] with the [Cursor button (Up/Down)].



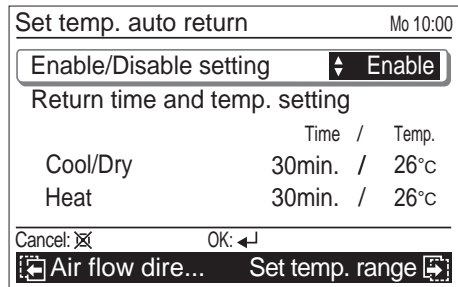
To change the setting, press the [Enter button].

- 2 "Set temp. auto return" screen is displayed.



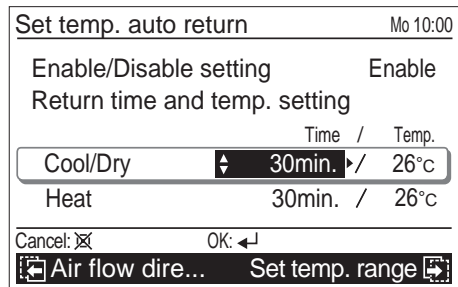
Select the item with the [Cursor button (Up/Down)], and press the [Enter button].

- 3 For [Enable/Disable setting], select [Enable] or [Disable] with the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.



- 4 For [Return time and temp. setting], select operation mode with the [Cursor button (Up/Down)], and press the [Enter button]. Adjust the value with the [Cursor button (Up/Down)].

With the [Cursor button (Left/Right)], the cursor can be switched [Time] and [Temp].

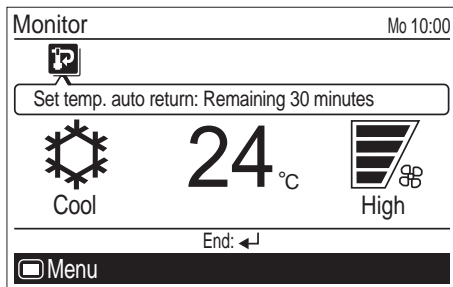


To complete the setting, press the [Enter button]. To return to the "Function" screen, press the [Cancel button].

## Notes

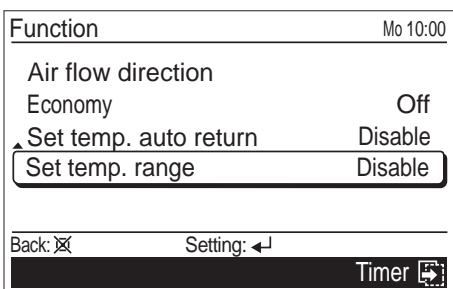
- The set time can be set from 30 to 120 minutes in units of 10 minutes.
- Possible temperature setting ranges in the operation mode are as follows:
  - Cool, Dry ..... 18 to 30 °C (64 to 88 °F)
  - Heat..... 16 to 30 °C (60 to 88 °F)
- If any ranges have been set in [Set temp. range] setting, adjustable temperature range in this setting follows the restricted range.
- If you set any ranges in the [Set temp. range] setting after setting of [Set temp. auto return], the restricted range set in the [Set temp. range] also overrides [Set temp. auto return] setting.
- Even if the temperature setting change is done on the secondary remote controller, it returns to the set value in [Set temp. auto return] on the primary remote controller.

When you return to the “Monitor” screen, the icon is displayed. To check the function, press the [Enter button] and select the icon.



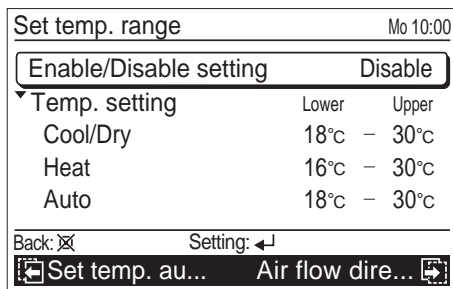
### 3-2-4. Set temp. range limitation setting

**1** In “Function” screen, select [Set temp. range] with the [Cursor button (Up/Down)].



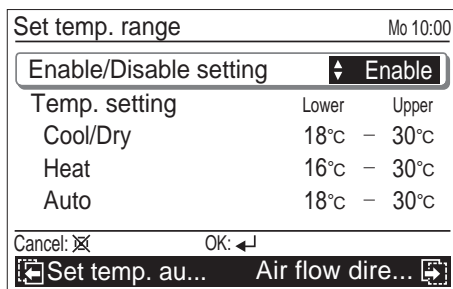
To change the setting, press the [Enter button].

**2** “Set temp. range” screen is displayed.

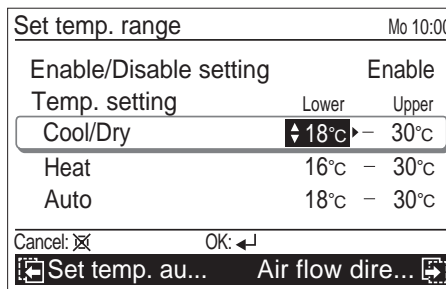


Select the item with the [Cursor button (Up/Down)], and press the [Enter button].

**3** For [Enable/Disable setting], select [Enable] or [Disable] with the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.



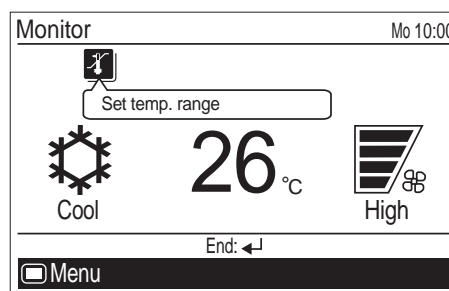
**4** For [Temp. setting], select mode with the [Cursor button (Up/Down)] and press the [Enter button]. Adjust [Lower] and [Upper] value with the [Cursor button (Up/Down)]. With the [Cursor button (Left/Right)], the cursor can be switched [Lower] and [Upper]. To complete the setting, press the [Enter button].



### Notes

- Possible temperature setting ranges in the operation mode are as follows:
  - Cool, Dry, Auto ..... 18 to 30 °C (64 to 88 °F)
  - Heat..... 16 to 30 °C (60 to 88 °F)
- If the temperature out of the Set temp. range limitation is set, it will be reset at the nearest temperature within the range.
- Even if the temperature setting change is done on the secondary remote controller, it returns to temperature within the range set in [Set temp. range] on the primary remote controller.

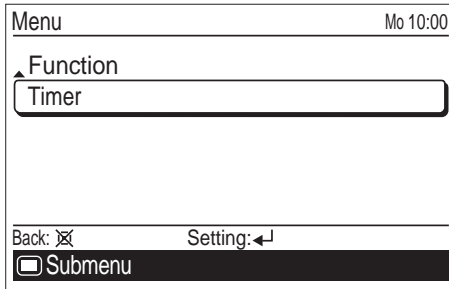
When you return to the “Monitor” screen, the icon is displayed. To check the function, press the [Enter button] and select the icon.



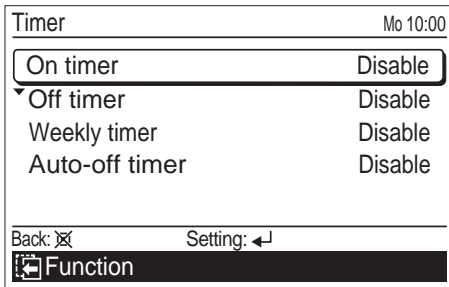
## 4. TIMER SETTING

### 4-1. Switching to the “Timer” screen

- 1 In “Menu” screen, select [Timer] with the [Cursor button (Up/Down)], and press the [Enter button].



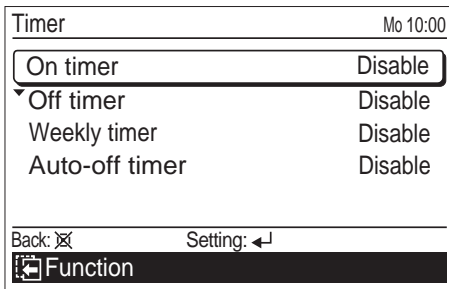
- 2 “Timer” screen is displayed. To return to the “Menu” screen, press the [Cancel button].



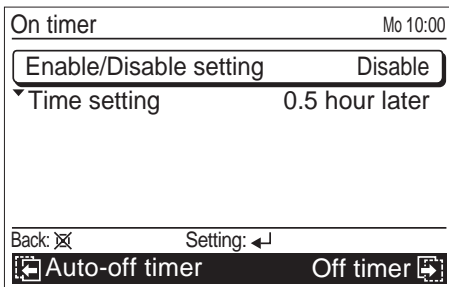
### 4-2. Timer setting items

#### 4-2-1. On timer setting

- 1 In “Timer” screen, select [On timer] with the [Cursor button (Up/Down)], and press the [Enter button].

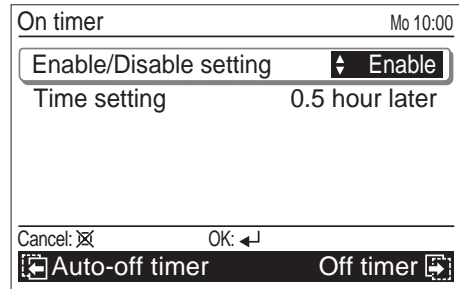


- 2 “On timer” screen is displayed.

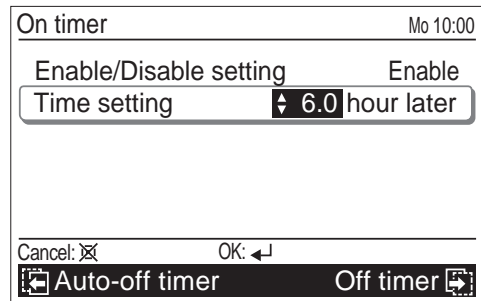


To change the setting, select the item with the [Cursor button (Up/Down)], and press the [Enter button].

- 3 For [Enable/Disable setting], select [Enable] or [Disable] with the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.



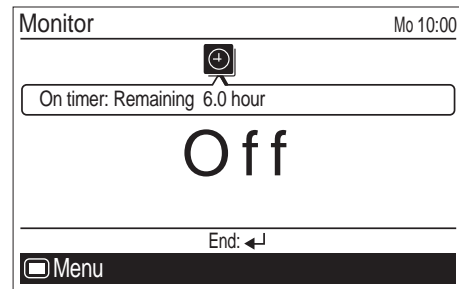
- 4 For [Time setting], adjust the time with the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.



#### Note

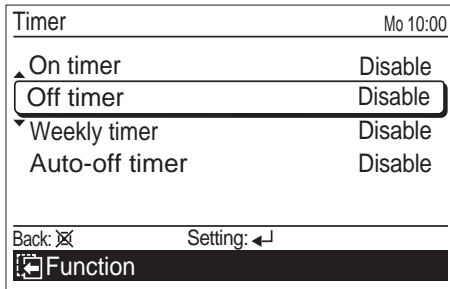
The [Time setting] can be set up to 24 hours in units of 30 minutes.

When you return to the “Monitor” screen, the icon is displayed. When the timer is enabled, the remaining time until the timer expires is displayed in the message balloon. To check the function, press the [Enter button] and select the icon.

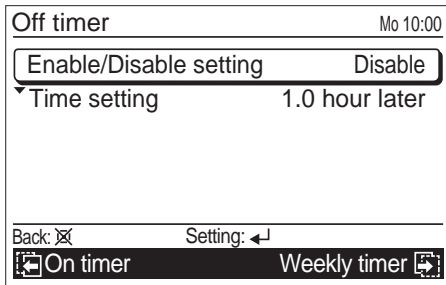


## 4-2-2. Off timer setting

- 1 In "Timer" screen, select [Off timer] with the [Cursor button (Up/Down)], and press the [Enter button].

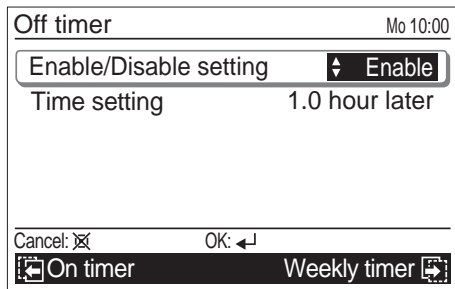


- 2 "Off timer" screen is displayed.

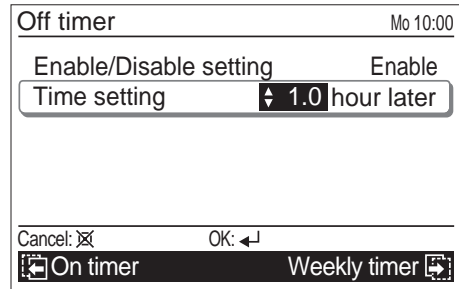


To change the setting, select the item with the [Cursor button (Up/Down)], and press the [Enter button].

- 3 For [Enable/Disable setting], select [Enable] or [Disable] with the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.



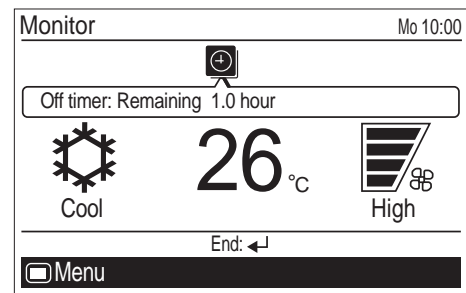
- 4 For [Time setting], adjust the time with the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.



### Note

The [Time setting] can be set up to 24 hours in units of 30 minutes.

When you return to the "Monitor" screen, the icon is displayed. When the timer is enabled, the remaining time until the timer expires is displayed in the message balloon. To check the function, press the [Enter button] and select the icon.





## Note

“Weekly timer setting” screen consists of 2 pages “Time 1-4” and “Time 5-8”. You can set 4 patterns per page, and with pressing the [Screen switch button (Left/Right)], the screen switches between “Time 1-4” and “Time 5-8” during the setting.

- Press the [Enter button]. Then select [Weekly 1] or [Weekly 2] with the [Cursor button (Up/Down)], and press the [Enter button].

- Select applicable days of the week as follows:
  - Select [Day] with the [Cursor button (Up/Down)] and press the [Enter button].

- Setting screen for the current day of the week opens.

- Select applicable day of the week with the [Cursor button (Left/Right)], and press the [Cursor button (Up/Down)]. Selected day of the week is highlighted.

Only the selected days of the week are displayed when you press the [Enter button].

If you press the [Cancel button] here, the selection of the day will be canceled.

- Set the desired conditions on the timer, such as time setting of On/Off timer, On/Off, operating mode (only for the On timer), and temperature (only for the On timer), up to 8 patterns per selected day as follows:
  - Select [Time] with the [Cursor button (Up/Down)] and press the [Enter button].

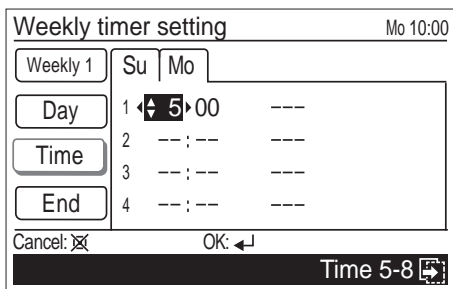
- Move the cursor between each pattern number with the [Cursor button (Up/Down)], and press the [Cursor button (Left/Right)] to set the time setting of On/Off timer, On/Off, operating mode and temperature for each pattern.

## Notes

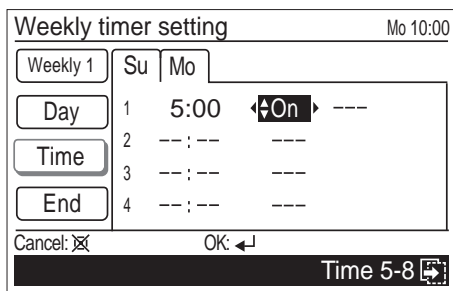
To delete the setting, move the cursor to the pattern number, and press the [Cancel button] for 2 seconds.



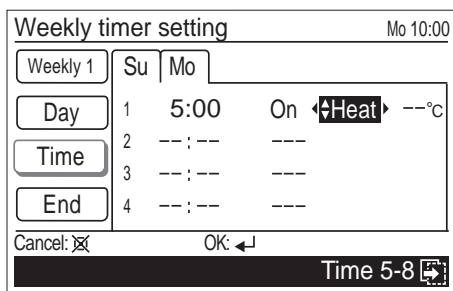
(3) Adjust time setting of On/Off timer with the [Cursor button (Up/Down)].



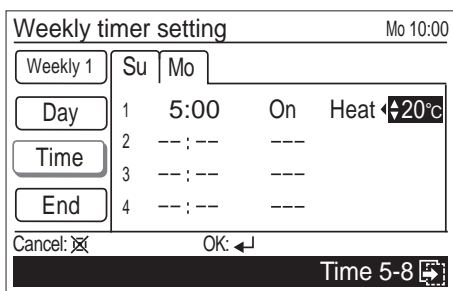
(4) Select [On] (On timer) or [Off] (Off timer) with the [Cursor button (Up/Down)]. When you selected [Off] (Off timer) here, skip following step (5) and (6).



(5) When you selected On timer, select the operating mode with the [Cursor button (Up/Down)].



(6) When you selected On timer, adjust the desired temperature with the [Cursor button (Up/Down)].

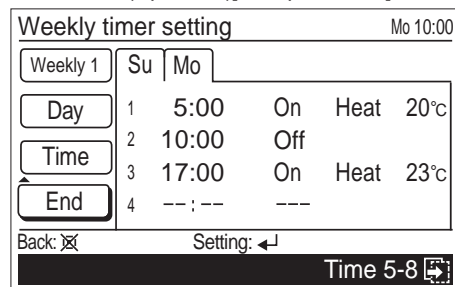


## Notes

- When you set "On timer", you need to set both of the operating mode and the temperature firmly. Without these configurations, the timer will not work.
- Possible temperature setting ranges in the operation mode are as follows:
  - Cool, Dry, Auto ..... 18 to 30 °C (64 to 88 °F)
  - Heat ..... 16 to 30 °C (60 to 88 °F)
- If the temperature out of the Set temp. range limitation is set, it will be reset at the nearest temperature within the range. However, the adjusted temperature value in this setting will not be corrected automatically.

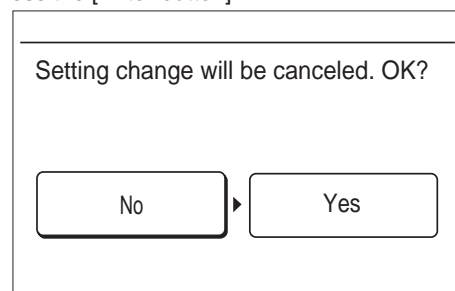
(7) To complete the [Time] setting, press the [Enter button]. When setting the other days of the week continually, perform procedures in step 4 and 5.

6. To confirm the setting you have set in step 5, select [End] with the [Cursor button (Up/Down)] and press the [Enter button].



If you press the [Cancel button] here, the selection of the day will be canceled. If you have added any changes to the setting in step 5, and press the [Cancel button] again, following cancel confirmation screen is displayed.

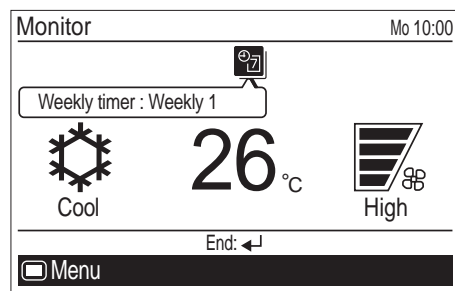
Select [Yes] or [No] with the [Cursor button (Left/Right)], and press the [Enter button].



## Note

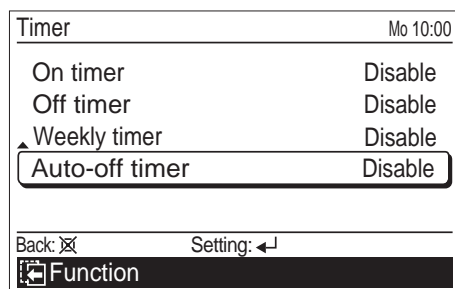
If you press the [Cancel button] before confirmation of the "Weekly timer setting", all the set items in step 5 will be canceled.

When you return to the "Monitor" screen, the icon is displayed. To check the function, press the [Enter button] and select the icon.



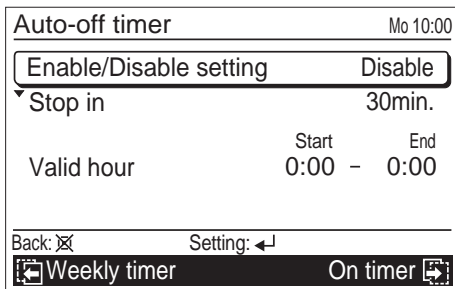
## 4-2-4. Auto-off timer setting

1 In "Timer" screen, select [Auto-off timer] with the [Cursor button (Up/Down)], and press the [Enter button].



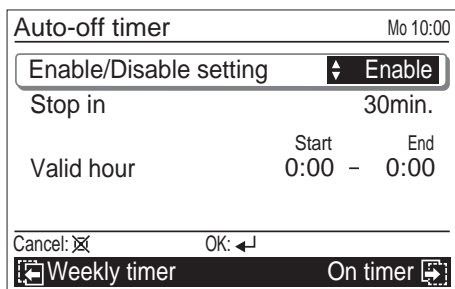


**2** "Auto-off timer" screen is displayed.

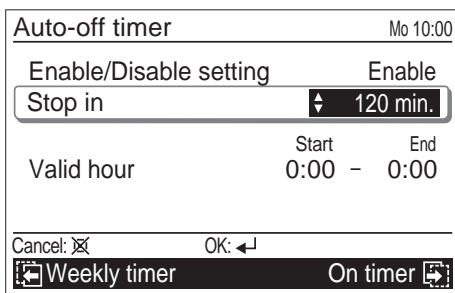


To change the setting, select the item with the [Cursor button (Up/Down)], and press the [Enter button].

**3** For [Enable/Disable setting], select [Enable] or [Disable] with the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.



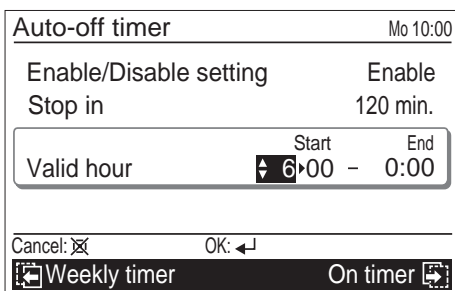
**4** For [Stop in], adjust the timer with the [Cursor button (Up/Down)]. To complete the setting, press the [Enter button].



### Note

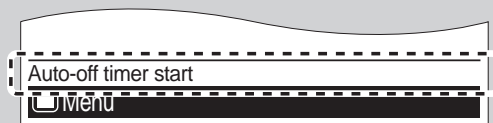
The set time can be set from 30 to 240 minutes in units of 10 minutes.

**5** For [Valid hour], applicable time slot for the Auto-off timer can be set. Set the time with the [Cursor button (Up/Down)], and press the [Enter button].



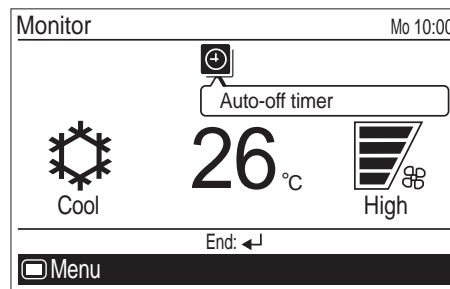
### Notes

- Counting down of the Auto-off timer is valid only if the air conditioning operation has been started with the [On/Off button] of this remote controller. When Auto-off timer become active, following message is displayed on the screen.

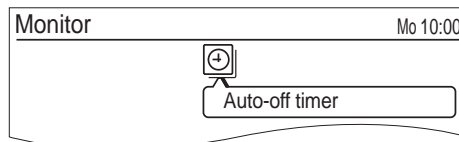


- Even if the valid hour is ended during Auto-off timer is working, the function will work after the set time in [Stop in] elapsed.
- The timer started counting down within the valid hour of the function, even if the current time is being out of the valid hour during the counting down, the function works.
- If the air conditioning operation is On by Weekly timer after counting down of Auto-off timer has started, the Auto-off timer will not work.

When you return to the "Monitor" screen, and current time is within the valid hour, the icon is displayed as follows. To check the function, press the [Enter button] and select the icon.

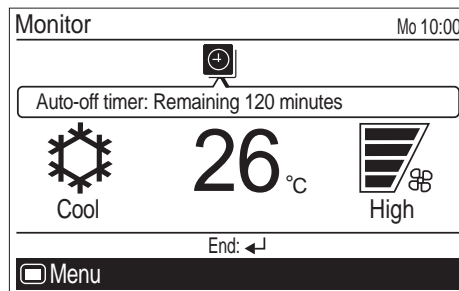


If the current time is out of the valid hour, the icon will be displayed as follows:



Displayed icon color and the message differs by the condition as follows:

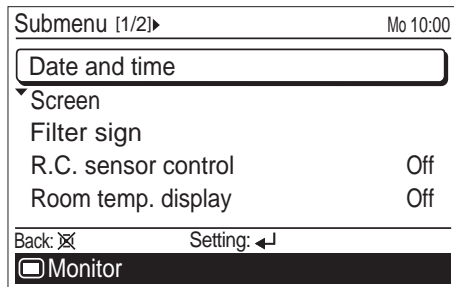
- Current time is within the valid hour, and the operation has been started by pressing the [On/Off button]:
- When the Auto-off timer is enabled, white icon on black background and the message balloon with the remaining time until the timer expires are displayed.



## 5. SUBMENU SETTING

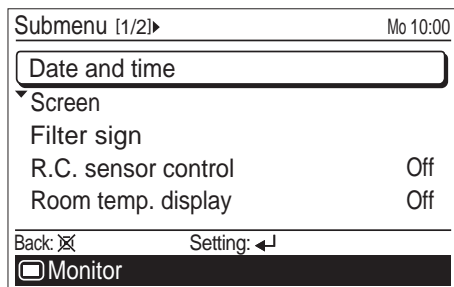
### 5-1. Switching to the “Submenu” screen

When [Menu button] is pressed twice while “Monitor” screen is displayed, it switches to the “Submenu” screen. (If [Menu button] is pressed while the “Submenu” screen is displayed, the display returns to the “Monitor” screen.)

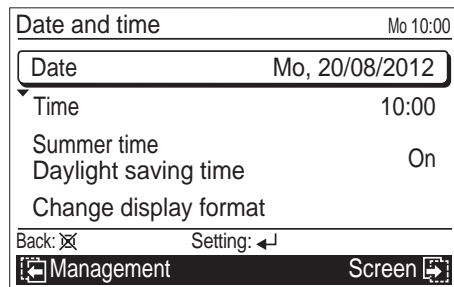


### 5-2. Date/Time setting

In “Submenu” screen, select [Date and time] with the [Cursor button (Up/Down)], and press the [Enter button].

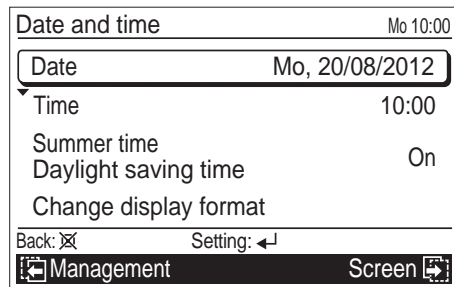


“Date and time” screen is displayed.



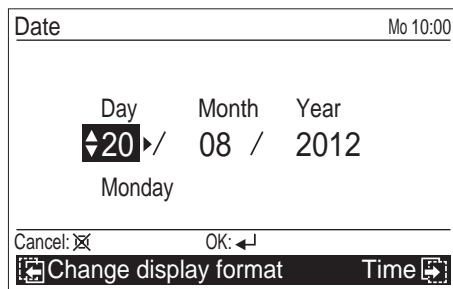
#### 5-2-1. Date setting

- 1 In “Date and time” screen, select [Date] with the [Cursor button (Up/Down)], and press the [Enter button].



2

“Date” screen is displayed.



Select the setting items (Day, Month, or Year) with the [Cursor button (Left/Right)] and set the value with the [Cursor button (Up/Down)].

To complete the setting, press the [Enter button]. The screen returns to the “Date and Time” screen.

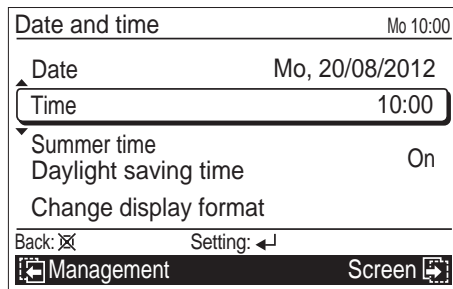
#### Note

Display format of date depends on the setting. Refer to “5-2-4. Change display format setting”.

#### 5-2-2. Time setting

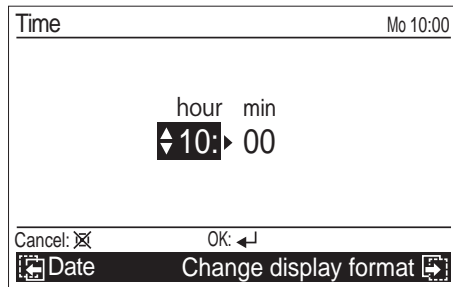
1

In “Date and time” screen, select [Time] with the [Cursor button (Up/Down)], and press the [Enter button].



2

“Time” screen is displayed. Select the setting items (hour, min., or AM/PM) with the [Cursor button (Left/Right)] and set with the [Cursor button (Up/Down)]. When setting the minutes, setting can be completed quickly if the button is pressed continuously.



To complete the setting, press the [Enter button]. The screen returns to the “Date and Time” screen.

#### Notes

- Display format of time depends on the setting. Refer to “5-2-4. Change display format setting”.
- Even when summer time (daylight saving time) is applied, set the standard time here. Set On/Off with “5-2-3. Summer time (Daylight saving time) setting”.

## 5-2-3. Summer time (Daylight saving time) setting

### Note

Set only for users in an area where summer time (daylight saving time) is applicable.

- 1 In "Date and time" screen, select [Summer time (daylight saving time)] with the [Cursor button (Up/Down)], and press the [Enter button].

The screenshot shows the "Date and time" screen with the following content: "Date and time" (Su 10:00), "Date" (Su, 31/03/2013), "Time" (10:00), "Summer time" (Off), "Daylight saving time" (Off), "Change display format", "Back: [X]", "Setting: [Left Arrow]", "Management", and "Screen".

- 2 Select [On] or [Off] with the [Cursor button (Up/Down)].

The screenshot shows the "Date and time" screen with the following content: "Date and time" (Su 10:00), "Date" (Su, 31/03/2013), "Time" (10:00), "Summer time" (On), "Daylight saving time" (On), "Change display format", "Cancel: [X]", "OK: [Left Arrow]", "Management", and "Screen".

To complete the setting, press the [Enter button].  
When confirmed, the screen returns to the "Date and Time" screen.

### Note

When it is set to [On], the time 1-hour in advance from the standard time is displayed. When it is set to [Off], the standard time is displayed.

## 5-2-4. Change display format setting

- 1 In "Date and time" screen, select [Change display format] with the [Cursor button (Up/Down)], and press the [Enter button].

The screenshot shows the "Date and time" screen with the following content: "Date and time" (Mo 10:00), "Date" (Mo, 20/08/2012), "Time" (10:00), "Summer time" (On), "Daylight saving time" (On), "Change display format" (highlighted), "Back: [X]", "Setting: [Left Arrow]", "Management", and "Screen".

- 2 "Change display format" screen is displayed. Select the setting items (Date format or Time format) with the [Cursor button (Left/Right)] and set with the [Cursor button (Up/Down)].

The screenshot shows the "Change display format" screen with the following content: "Change display format" (Mo 10:00), "Date format" (selected), "Time format", "Day/Month/Year" (0:00-23:59), "Cancel: [X]", "OK: [Left Arrow]", "Time", and "Date".

Available display formats are as follows:

#### Date format:

- Day/Month/Year
- Month/Day/Year
- Year/Month/Day

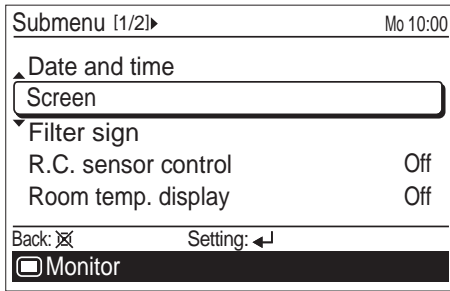
#### Time format:

- 0:00-23:59
- 0:00-11:59 AM/PM
- 12:00-11:59 AM/PM

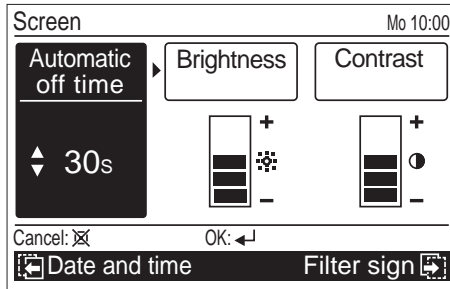
To complete the setting, press the [Enter button].  
The screen returns to the "Date and Time" screen.

## 5-3. Screen setting

In “Submenu” screen, select [Screen] with the [Cursor button (Up/Down)], and press the [Enter button].

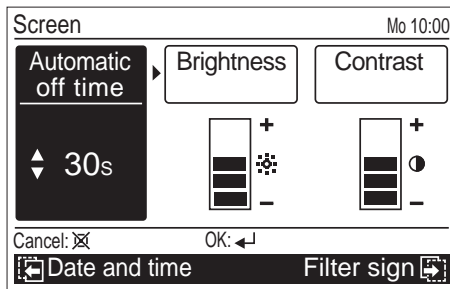


“Screen” screen is displayed.



### 5-3-1. Automatic off time setting

**1** In “Screen” screen, select [Automatic off time] with the [Cursor button (Left/Right)], and set with the [Cursor button (Up/Down)].



Configurable values of [Automatic off time] are as follows:

- 30s
- 60s
- Off (No illumination)

#### Note

When the backlight is turned off by the [Automatic off time], the first button operation is not effective, and illuminates the backlight.

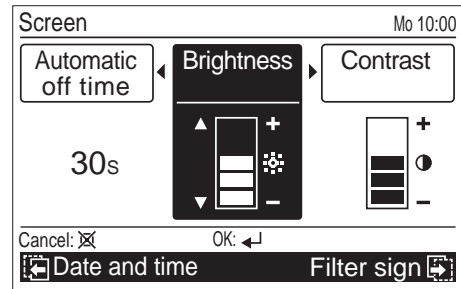
If [Automatic off time] is set to [Off], it is effective from the first button operation.

**2** Other screen setting items can be set continually. To complete the setting, confirm it by pressing the [Enter button].

When confirmed, screen returns to the “Submenu” screen.

## 5-3-2. Brightness setting

**1** In “Screen” screen, select [Brightness] with the [Cursor button (Left/Right)], and set with the [Cursor button (Up/Down)].



#### Notes

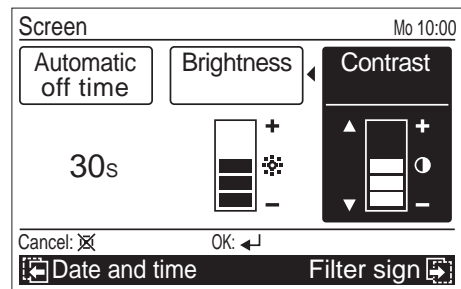
- The set is reflected while setting it.
- When the automatic off time setting is set in “Off”, Brightness setting is not displayed (It is not possible to set it).

**2** Other screen setting items can be set continually. To complete the setting, confirm it by pressing the [Enter button].

When confirmed, screen returns to the “Submenu” screen.

### 5-3-3. Contrast setting

**1** In “Screen” screen, select [Contrast] with the [Cursor button (Left/Right)], and set with the [Cursor button (Up/Down)].



#### Note

The set is reflected while setting it.

**2** Other screen setting items can be set continually. To complete the setting, confirm it by pressing the [Enter button].

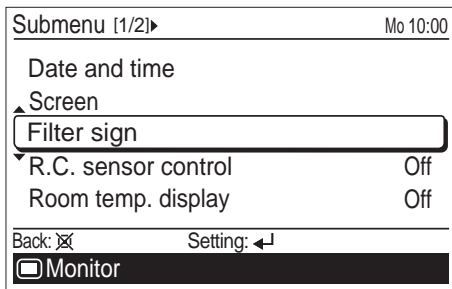
When confirmed, screen returns to the “Submenu” screen.

## 5-4. Filter sign setting

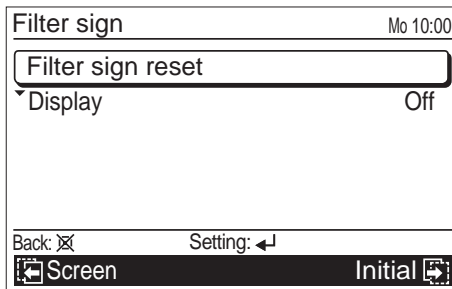
#### Note

This function can be used only if the setting is activated in the installation. To activate this function, consult authorized service personnel.


In "Submenu" screen, select [Filter sign] with the [Cursor button (Up/Down)], and press the [Enter button].



"Filter sign" screen is displayed.



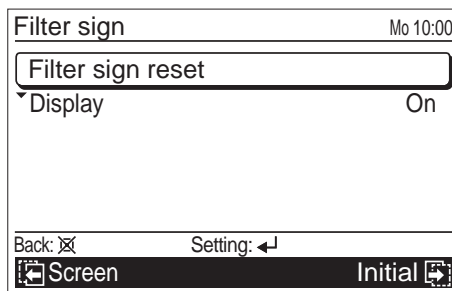
### 5-4-1. Filter sign reset setting

If filter sign icon  is displayed on the "Monitor" screen, clean the air filter on the relevant indoor unit first, and then reset the filter sign as follows:

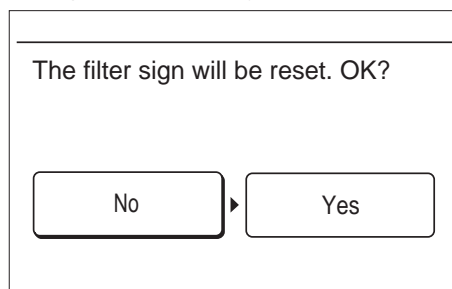
#### Note

Before resetting the filter sign on this remote controller, clean the air filter on the relevant indoor unit by referring the operating manual.

- 1 In the "Filter sign" screen, select [Filter sign reset] with the [Cursor button (Up/Down)], and press the [Enter button].



Following screen is displayed.



- 2 Select [Yes] or [No] with the [Cursor button (Left/Right)], and press the [Enter button].  
When [Yes] is selected, the filter sign icon on the display is turned off.

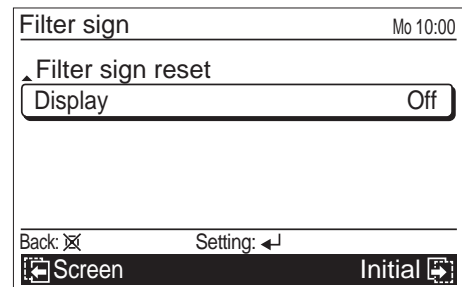
### 5-4-2. Display setting

You can select [On] (display) or [Off] (non-display) for the filter sign icon indication.

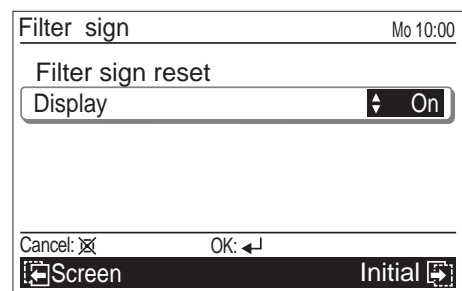
#### Note

When you set this setting to [Off], the filter sign icon will not be displayed regardless of the necessity of filter cleaning on the indoor unit.

- 1 In the "Filter sign" screen, select [Display] with the [Cursor button (Up/Down)], and press the [Enter button].  
Following screen is displayed.

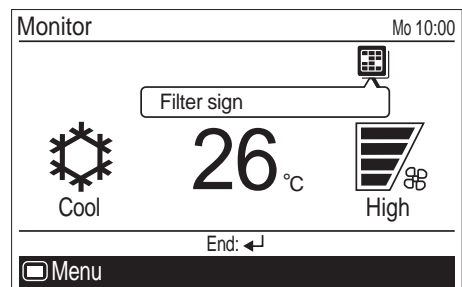


- 2 Select [On] or [Off] with the [Cursor button (Up/Down)], and press the [Enter button].



When you set this setting to [On], and air filter cleaning on the indoor unit is required, the icon is displayed on the "Monitor" screen.

To check the function, press the [Enter button] and select the icon.

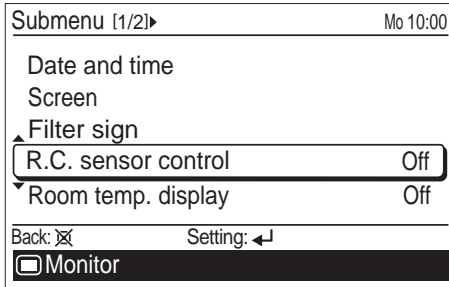


## 5-5. R.C. sensor control setting

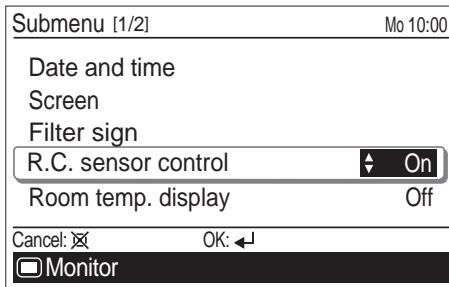
### Note

This function can be used only if the setting is activated in the installation. To activate this function, consult authorized service personnel.

- 1 In “Submenu” screen, select [R.C. sensor control] with the [Cursor button (Up/Down)], and press the [Enter button].

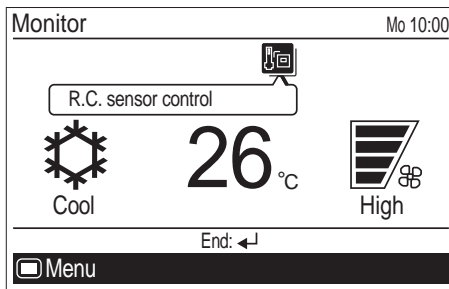


- 2 Select [On] or [Off] with the [Cursor button (Up/Down)], and press the [Enter button].



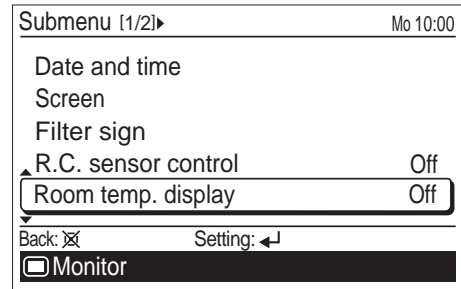
When you set this setting to [On], the icon is displayed on the “Monitor” screen.

To check the function, press the [Enter button] and select the icon.

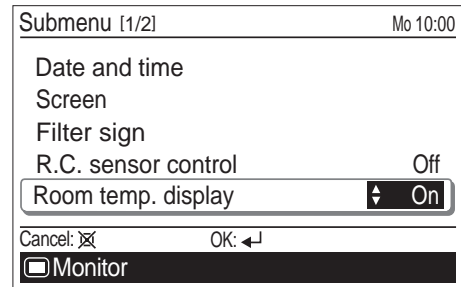


## 5-6. Room temp. display setting

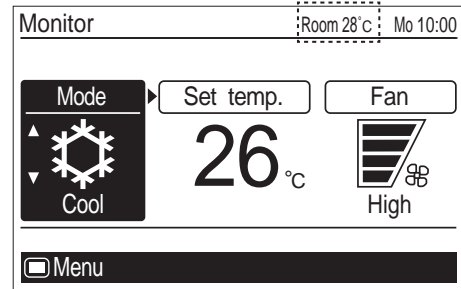
- 1 In “Submenu” screen, select [Room temp. display] with the [Cursor button (Up/Down)], and press the [Enter button].



- 2 Select [On] or [Off] with the [Cursor button (Up/Down)], and press the [Enter button].



When you set this setting to [On], the room temperature is displayed on the screen.



### Note

Displayed room temperature is the approximate temperature detected around this remote controller, and it could be different from the actual room temperature. It also be influenced by the installation environment of the remote controller.

## 5-7. Key lock select setting

A locking function is provided to prevent careless operation by children or outsiders. Release the lock on the “Monitor” screen when operating.

### To lock up:

When the [Cancel button] is pressed for about 3 seconds or more continuously on the “Monitor” screen.

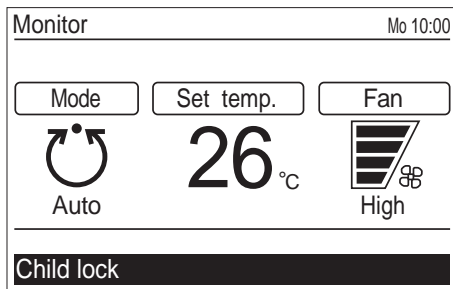
### To release the lock:

When the [Cancel button] is pressed for about 3 seconds or more continuously on the “Monitor” screen, the lock is released, and each applicable lock name on the screen turns off.

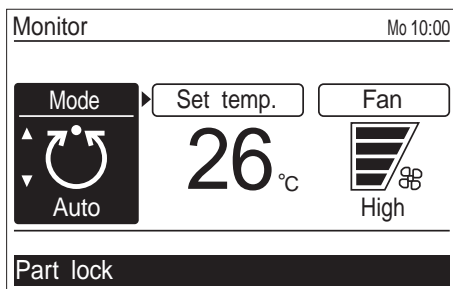
Following key lock functions are available:

- Child lock:** Restricts all the button operation
- Part lock:** Restricts the [Menu button] operation

**When [Child lock] is set**



**When [Part lock] is set**

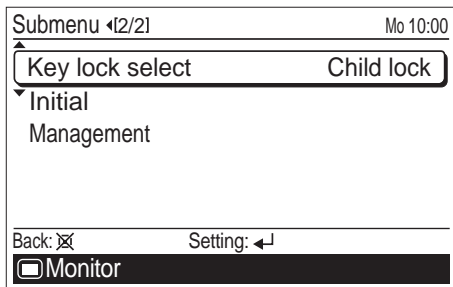


## Note

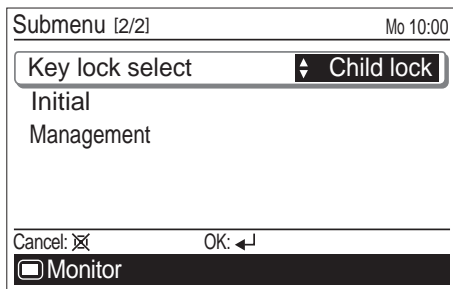
[Child lock] or [Part lock] indicator blinks when the restricted button operation is performed.

**When switching [Child lock] and [Part lock]:**

- 1** In “Submenu” screen, select [Key lock select] with the [Cursor button (Up/Down)], and press the [Enter button].

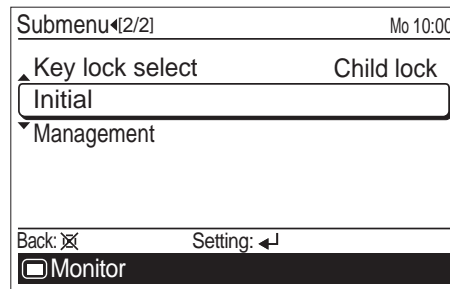


- 2** Select [Child lock] or [Part lock] with the [Cursor button (Up/Down)], and press the [Enter button].

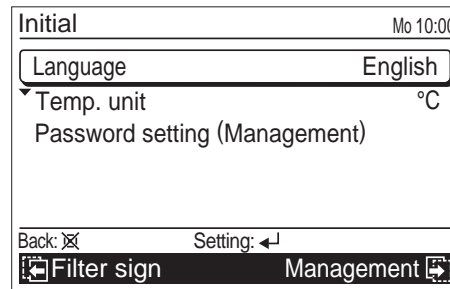


## 5-8. Initial setting

In “Submenu” screen, select [Initial] with the [Cursor button (Up/Down)], and press the [Enter button].

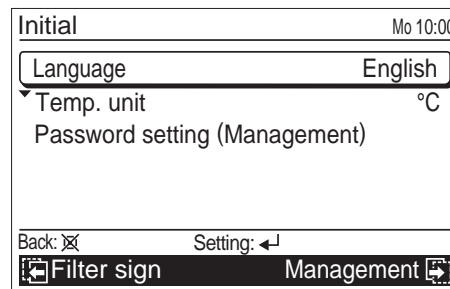


“Initial” screen is displayed.

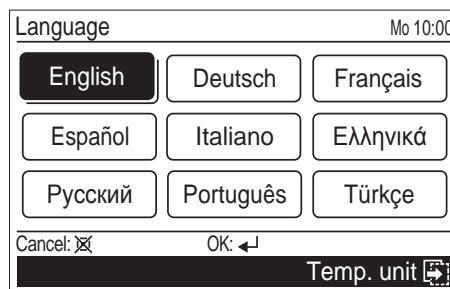


### 5-8-1. Language setting

- 1** In “Initial” screen, select [Language] with the [Cursor button (Up/Down)], and press the [Enter button].

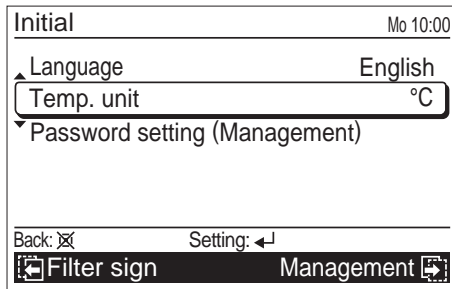


- 2** Select the desired language with the [Cursor button] and press the [Enter button]. The screen returns to the “Initial” screen and displays the selected language.

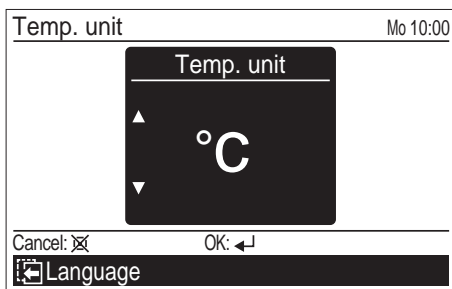


## 5-8-2. Temperature unit setting

- 1 In "Initial" screen, select [Temp. unit] with the [Cursor button (Up/Down)], and press the [Enter button].



- 2 Select [°C] or [°F] with the [Cursor button (Up/Down)] and press the [Enter button]. The screen returns to the "Initial" screen.



## 6. CLEANING AND CARE

### ⚠ CAUTION

Before cleaning the unit, be sure to stop the operation and disconnect the power supply.

Do not pour water or cleaning solvent on the unit directly, or wash the unit with them.

Do not expose the unit body to liquid insecticides or hair sprays.

Wipe the unit gently by using soft dry cloth.

### Note

Do not use scouring cleanser, volatile solvents such as benzene or thinner.

## 7. SPECIFICATION

### Operating temperature range

Indoor temperature	0 °C to 46 °C (32 °F to 114 °F)
Indoor humidity (Relative Humidity)	90 % or less

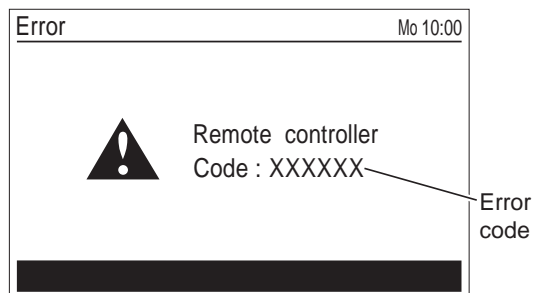
## 8. OTHERS

### 8-1. Error code

If an error occurs, the power indicator (green) blinks and the following screen will be shown.

If "Error" is displayed, immediately stop the air conditioner operation, and consult authorized service personnel.

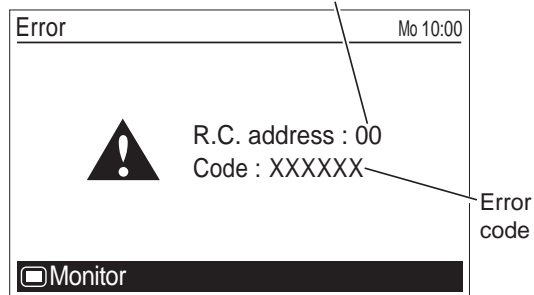
- When there is an error on this remote controller:



Error code	Contents
Er 12.1 EE 1c	Wired remote controller communication error
Er 15.4 EE 1d	Indoor unit data acquisition error
Er CC.1 EE CC.1	Remote controller sensor error

- When there is an error on the indoor unit:

Address number of the relevant indoor unit





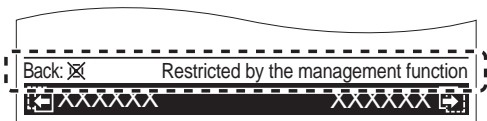



## 8-2. Troubleshooting

### WARNING

In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker and consult authorized service personnel.

Merely turning off the unit's power switch will not completely disconnect the unit from the power source. Always be sure to turn off the electrical breaker to ensure that power is completely off.

Before requesting service, perform the following checks:

	Symptom	Items to check	See Page
CHECK ONCE MORE	Does not operate at all:	• Has the circuit breaker been turned off?	—
		• Has there been a power failure?	
		• Has a fuse blown out, or a circuit breaker been tripped?	
		Is the timer operating?	—
		Is key lock enabled?	21
	Following functions cannot be set: •Economy •Set temp. auto return •Set temp. range limitation •On timer •Off timer •Weekly timer •Auto-off timer	If the function you are selecting is restricted by [Management] function, following message is displayed in the operation guidance display.  	7
		Has the function setting been set to [Enable] or [On]?	—
	On timer or Off timer does not work:	Has there been a power outage? Any power outage cancels the On or Off timer. After the power supply is resumed, set the [Enable/Disable setting] to [Enable] again.	11, 12
	Operation is automatically stopped:	Has off timer been set?	12
		Has weekly timer been set?	13
		Has auto-off timer been set?	16
	Operation does not stopped even if auto-off timer has been set:	Has the operation been started by pressing the [On/Off button] on this remote controller?	16
		Has the operation been started by weekly timer or on timer?	16
		Has the weekly timer been on during the counting down of the Auto-off timer?	16
		Has it been within the valid hour?	16
Has there been a power outage? Any power outage cancels the Auto-off timer.		—	
Is message [R.C. prohibition (All, on/off)] and  icon displayed?		4	
Set temperature is changed automatically:	Has set temp. auto return been set?	9	
Does not return to the set temperature:	Has set temp. range limitation been set?	10	
Set temperature cannot be changed:	Has set temp. range limitation been set?	10	
	Is message [R.C. prohibition (Set temp. all)] and  icon displayed?	4	
NORMAL FUNCTION	Airflow is stopped and  is displayed on the icon display of the "Monitor" screen:	Airflow is stopped due to the automatic defrosting, oil recovery, or mode mismatch. Refer to the operating manual of the relevant indoor unit.	—