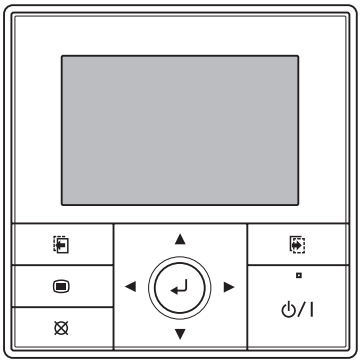
REMOTE CONTROLLER (WIRED TYPE)

OPERATING MANUAL



KEEP THIS MANUAL FOR FUTURE REFERENCE

PART NO. 9380221050

OPERATING MANUAL

PART NO. 9380221050

REMOTE CONTROLLER (WIRED TYPE)

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- Sections marked with * are dedicated instructions for zone-controlled system.
- Depend on the configuration and the setup of your air-conditioning system, some contents figured in the screen illustrations in this manual may differ to the actual screen display you are using.

This product uses a bitmap font made and developed by Ricoh Company, Ltd.

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.

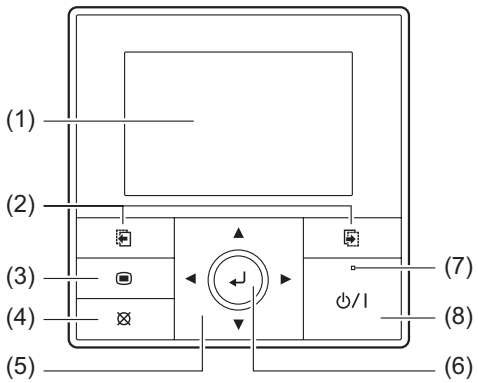
⚠ **WARNING**
In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.
Do not repair or modify any damaged cable by yourself. Let the authorized service personnel to do it. Improper work will cause an electric 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.

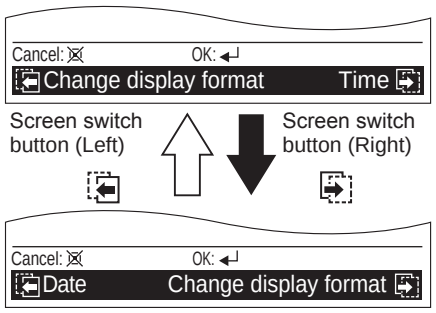


(1) **Display panel (with backlight)**
- Backlights when you press any button.
- Depending on the operation or setting, the content changes.
- The brightness, contrast, and automatic light-off setting of the backlight can be adjusted.
  Refer to “5. SUBMENU SETTING”.

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

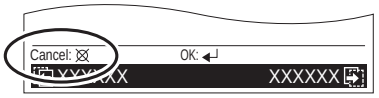


NOTE: These buttons are active only when any combinations of ⬅ or ➡ and the relevant screen names are displayed in the black field at the bottom of the screen.

(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.

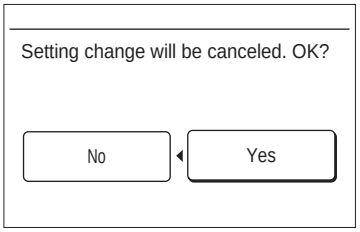


(5) **Cursor button**
When up/down ▲ ▼ or left/right ◀ ▶ arrows are displayed on the screen, you can move the cursor to change the selected items.
Up/down ▲ ▼ arrows are also displayed when the setting item is adjustable or changeable.

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].



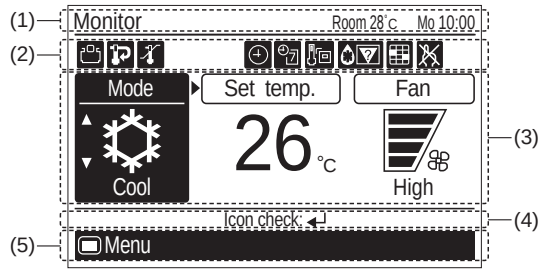
(7) **Power indicator**
Lights green when the unit is turned on, and goes off when the unit is turned off.

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”.)
- Room temperature indication is available only if the “Room temp. display” function is enabled. (Refer to “5-6. Room temp. display setting”.)

(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	12
		Set temp. (temperature) auto return	12
		Set temp. (temperature) range limitation	13
		On timer	14
		Off timer	15
		Auto-off timer	22
		Weekly timer	16
	-	R.C. (Remote Controller) sensor control	28
	-	Automatic defrosting, oil recovery, or mode mismatch	35
		Filter cleaning notification	26
	-	R.C. (Remote Controller) prohibition	-

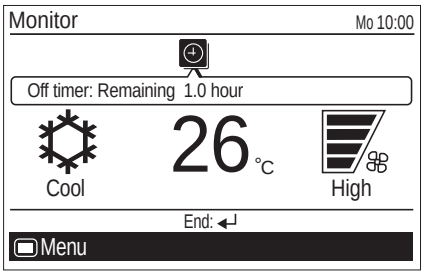
White icon on a black background:
Indicates that the function is valid and performing the function or standby state.

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.

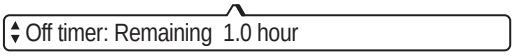
About “Icon check” function:
In “Monitor” screen, you can check the name of the icon that indicates function currently set.

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 (Left/Right)].
- 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.

1-4. About zone control

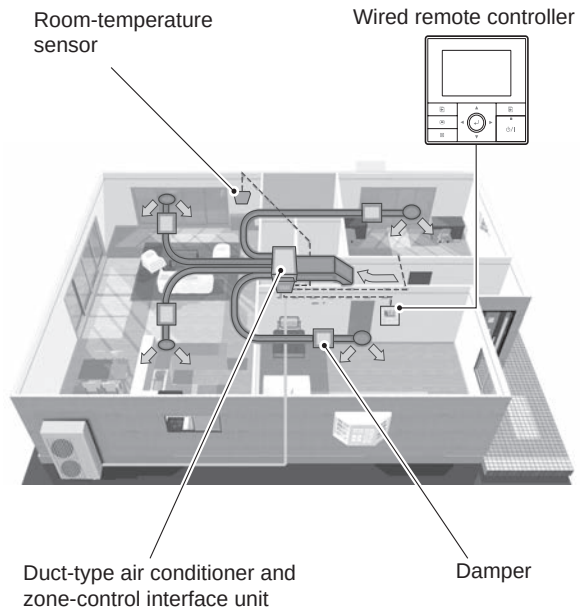
"Zone control" enables an efficient air-conditioning by selecting only specific zone from some divided zones in the indoor space.

Application or non-application of air conditioning is controlled by opening or closing of pre-installed damper(s). And an area that is air-conditioned with one damper is defined as one zone.

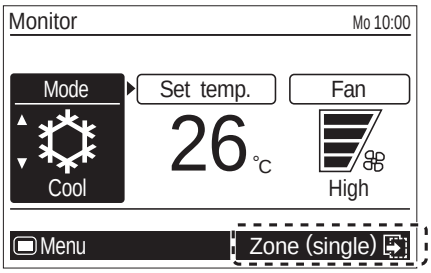
Up to 8 zones can be set by installing maximum of 8 dampers in one air-conditioning system.

Also, up to 5 room-temperature sensors can be installed in one air-conditioning system. With specifying most suitable sensor among those sensors, it enables more comfortable room-temperature control.

Construction example



If your air-conditioning system is zone-controlled, related setting screens are prepared, and the switchable setting screen name is displayed in the "Monitor" screen as follows:



There are 2 types of zone-control settings; "Zone (single)" controls each individual zone, and "Zone (group)" controls some selected zones all at once.

You can also register desired name for each zone or room-temperature sensor.

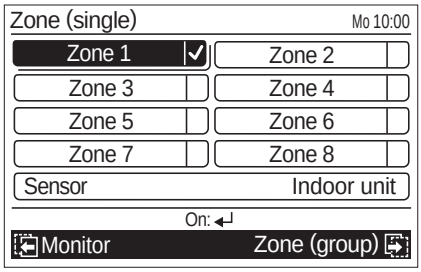
For the settings, refer to "5-9. Zone user setting".

1-4-1. Zone (single) setting

Enables application or non-application of the air conditioning for each zone, and selection of the room-temperature sensor.

1 In "Monitor" screen, press [Screen switch button (Right)]. "Zone (single)" screen opens.

Zones and room-temperature sensor currently connected are displayed.
As an setting example, Zone 1 to 8 are supposed to be connected in following instructions.



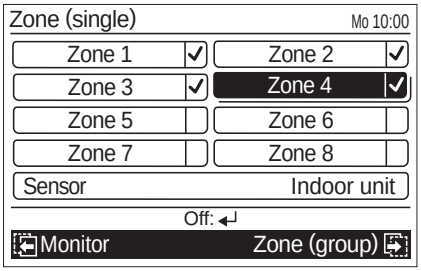
Notes

- If any names have been registered for zones and sensors in [Zone user setting], the registered names are displayed on this screen.
- Only connected zones and sensor are displayed.

2 Select zones applying or non-applying the air conditioning as follows:

Select the zone with the [Cursor button], and press the [Enter button].

Zones marked with a check are air-conditioned.



To cancel the air conditioning, set the cursor to the zone marked with a check, and press the [Enter button] to remove the check mark. Unchecked zone is not air-conditioned.

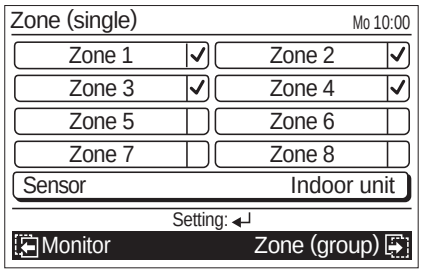
Note

Depending on the initial setup in the installation, there is a case that at least one zone need to be selected.
In that case, following message is displayed on the screen, and you need to put a check mark at least one zone.

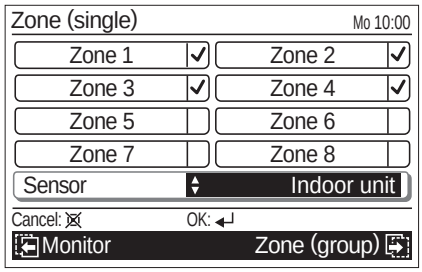


3 Select room-temperature sensor as follows:

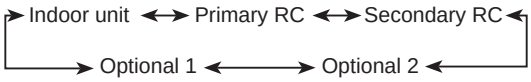
Set the cursor to [Sensor] with the [Cursor button], and press the [Enter button].



Select desired sensor with pressing the [Cursor button (Up/Down)].



Each time you press the [Cursor button (Up/Down)], displayed sensor switches as follows.
Non-connected sensor will be skipped.



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

1-4-2. Zone (group) setting

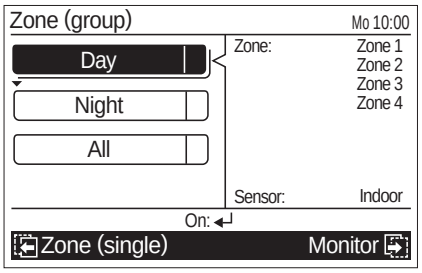
Enables the simultaneous setting of zone(s) and room-temperature sensor registered into two groups that you might have different lifestyle; “Day” and “Night”.
This setting also allows simultaneous setting to all of the connected zones, as “All”.

Note

When “All” is selected, the room temperature sensor specified in “Sensor” of [Zone (single) setting] is applied.

For how to group the zone(s) into “Day” or “Night”, refer to “5-9-1. Day/Night setting”.

1 In “Monitor” screen, press the [Screen switch button (Right)] twice.
“Zone (group)” screen opens.

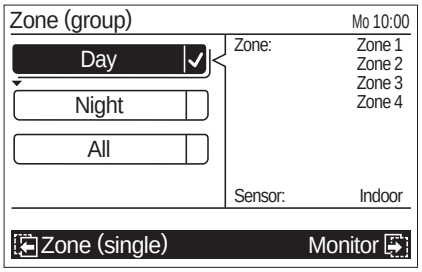


Notes

- Zone(s) and room-temperature sensor grouped into “Day” or “Night” in [Zone user setting] are displayed.
- If any names have been registered for zones and sensors in [Zone user setting], the registered names are displayed on this screen.
- Only zones to be air-conditioned are displayed. Undisplayed zones on this screen will not be air-conditioned.

2 Select the group to be air-conditioned with the [Cursor button (Up/Down)], and press the [Enter button].

The group marked a check is air-conditioned.



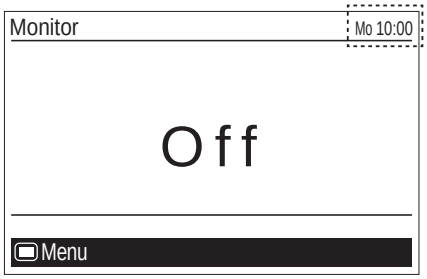
Note

The check mark currently displayed on the screen can be unchecked only if you mark a check to the other group on this screen, or when any setting change is done in “Zone (single)” screen.

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".



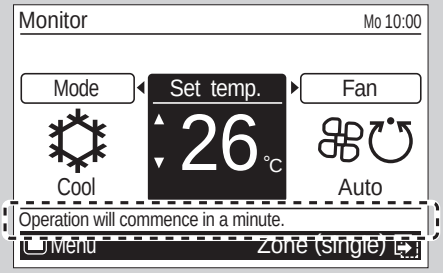
2-1-1. On/Off setting

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.



Note

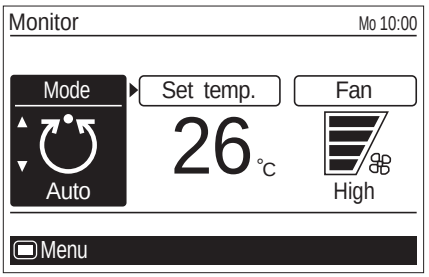
In a zone-controlled air-conditioning system, depending on the type of installed damper, it takes some time until the air conditioner starts the operation after you press the [On/Off button].
In that case, following message is displayed on the "Monitor" screen for about 1 minute, after you press the [On/Off button] to start the operation.



The message will go off when the operating preparation of the system is done.

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



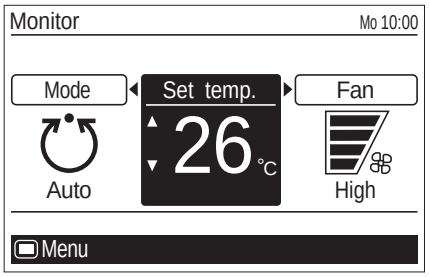
Note

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)].

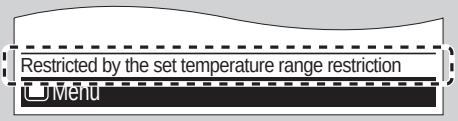
2-1-3. Set temperature adjustment

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



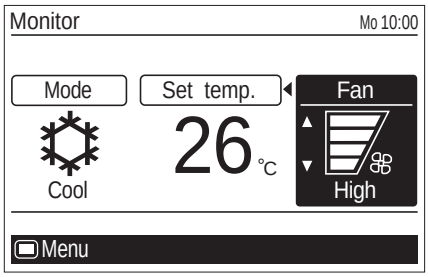
Notes

- 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



Auto **High** **Medium** **Low** **Quiet**

Note

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

About fan speed [Auto]

When the fan speed is set to [Auto], behavior of the indoor unit fan in non-zone-controlled system and the one in zone-controlled system is different as follows.

In non-zone-controlled system:

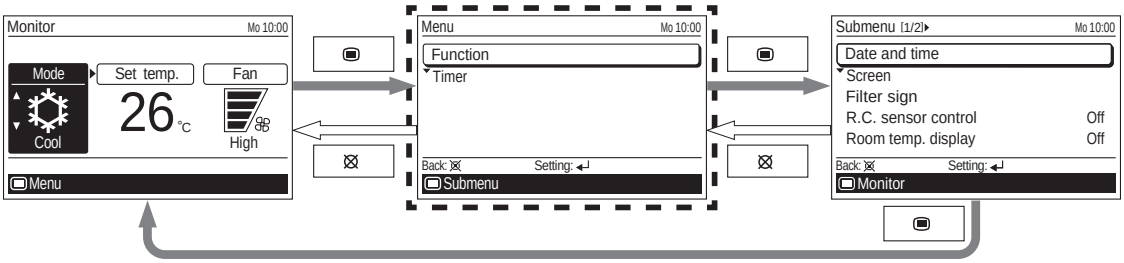
If the room temperature approaches to the configured temperature in [Set temp.], the fan rotates with reduced speed.

In zone-controlled system:

The fan speed is adjusted depending on the number of air-conditioned zone(s).

If the volume of provided airflow by [Auto] is not agreeable to your preference, adjust it to just the right fan speed by changing the fan speed.

2-2. Setting items in Menu



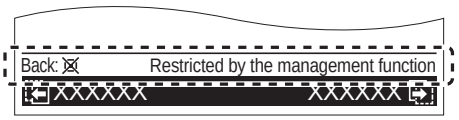
Following items can be adjusted in Menu.

NOTES:

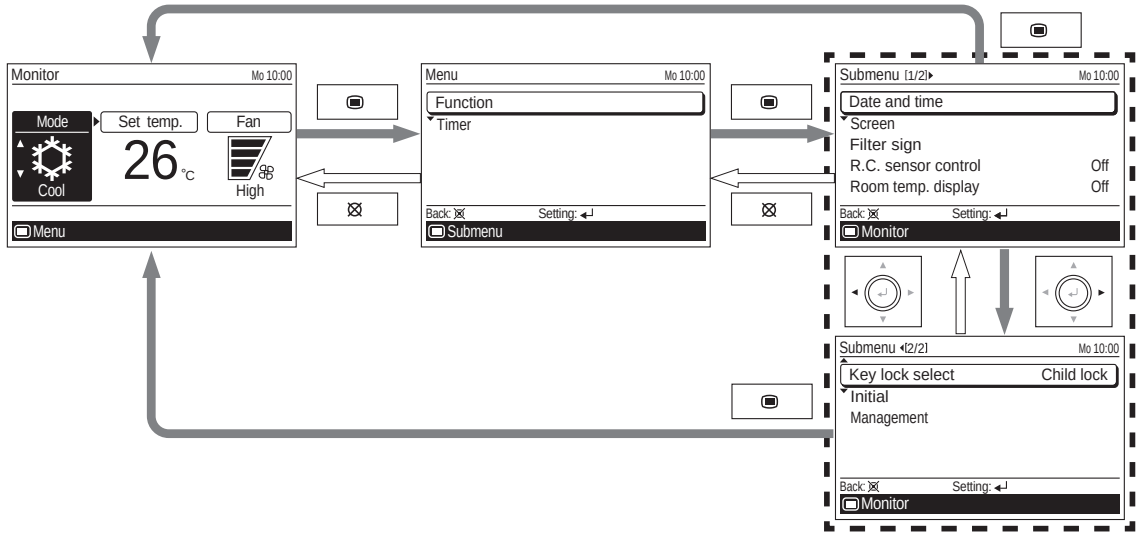
- Functions marked "–" in "Secondary unit" column of following table cannot be adjusted from the remote controller that is specified as the secondary control unit. Adjust the function on the primary unit.
- Depending on the type of the indoor unit, some functions cannot be set.

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.	11	O
	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.	12	O
	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.	12	–
	Set temp. (temperature) range limitation	Limits the range of the set temperature. The temperature range can be limited through the operation mode.	13	–
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.	14	–
	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.	15	–
	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.	16	–
	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.	22	–

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.

NOTES:

- Function marked "–" in "Secondary unit" column of following table 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 functions cannot be set.

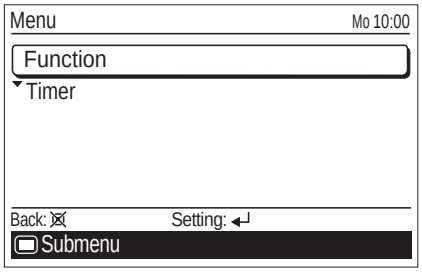
Settings and Display Items		Details	Operation (See page)	Secondary unit
Date and time	Date	Sets and corrects the date.	24	O
	Time	Sets and corrects the time.	24	O
	Summer time Daylight saving time	Sets or cancels daylight saving time.	25	O
	Change display format	The display format for the date and time can be changed.	25	O
Screen		The LCD backlight time, backlight brightness, and LCD contrast can be changed.	26	O
Filter sign*1	Filter sign reset	Removes the filter sign.	27	O
	Display	Switches between displaying and non-displaying the filter sign.	27	O
R.C. (Remote Controller) sensor control*1, *2		The room temperature sensor of the indoor unit can be switched to the room temperature sensor that is built into this remote controller. **NOTE:** This setting can be set on either of one of the primary unit or the secondary unit.	28	O
Room temp. (temperature) display		Switches between displaying and non-displaying the room temperature. The displayed room temperature is the temperature around the remote control.	28	O
Key lock select	Child lock	Restricts all the button operation.	28	O
	Part lock	Restricts the [Menu button] operation.	28	O
Initial	Language*2	Switches the display language of the remote control. The following languages can be selected: English, German, French, Spanish, Italian, Greek, Russian, Portuguese, and Turkish.	29	O
	Temp. (Temperature) unit	Switches the set temperature and the room temperature display between Celsius and Fahrenheit.	30	O
	Password setting	Password for "Management" function setting can be set. (Refer to the installation manual.)	-	O
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.)	-	O
Zone user setting*3	Day/Night setting	Enables the simultaneous setting of zone(s) and room-temperature sensor registered into two groups that you might have different lifestyle; "Day" and "Night".	30	–
	Name setting	Enables registration of desired name for each zone, group, and room-temperature sensor.	31	O

*1: Functions set to inactive at the factory, and they are not displayed on the "Submenu" screen. To activate these functions, consult authorized service personnel.
*2: Dedicated functions for non-zone-controlled system.
*3: Dedicated function for zone-controlled system.

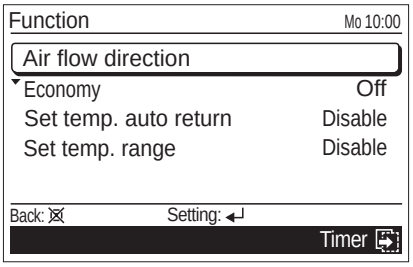
3. FUNCTION SETTING

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].

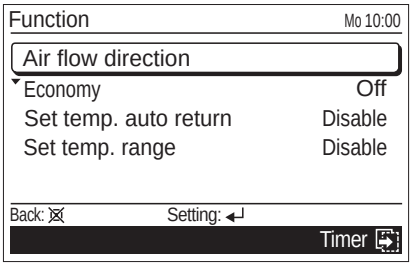


3-2. Function setting items

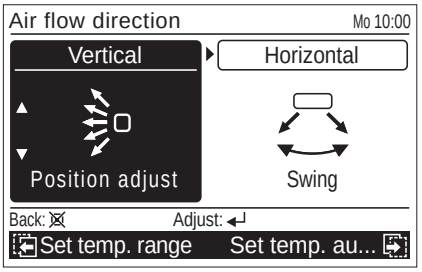
In “Function” screen, select the target function with the [Cursor button (Up/Down)], and press the [Enter button]. Then the setting screen of the selected function is displayed.

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].

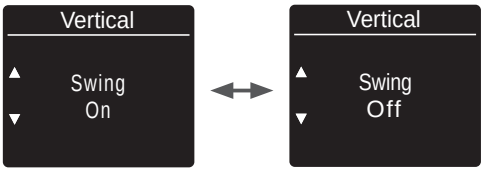


2 “Air flow direction” screen opens. In “Air flow direction” screen, adjustable airflow direction on the relevant indoor unit and its current specified movement are displayed.
Select [Vertical] or [Horizontal] with the [Cursor button (Left/Right)].

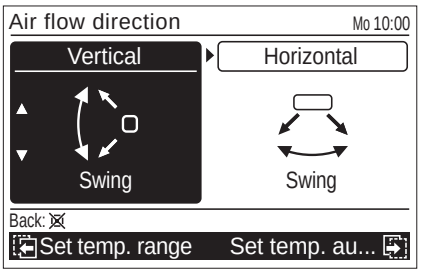


Note
Adjustable airflow direction varies according to the indoor unit.

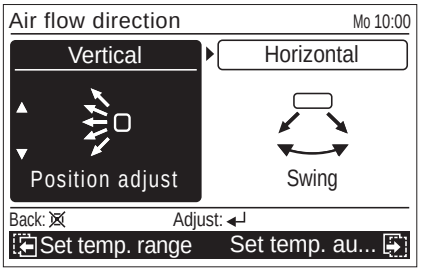
3 Select [Swing] (Swing On) or [Position adjust] (Swing Off) with the [Cursor button (Up/Down)], and press the [Enter button].



When [Swing] is selected:
Starts swing operation.



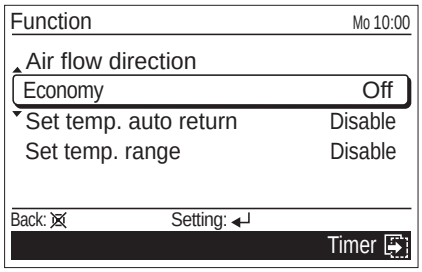
When [Position adjust] is selected:
With pressing the [Enter button], adjust the desired airflow direction.
When the [Enter button] is pressed, Position adjust indication blinks and the arrow indicates the airflow direction moves one step.



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

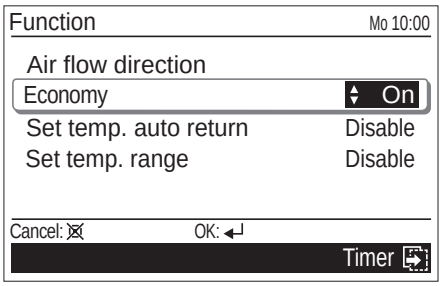
3-2-2. Economy setting

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

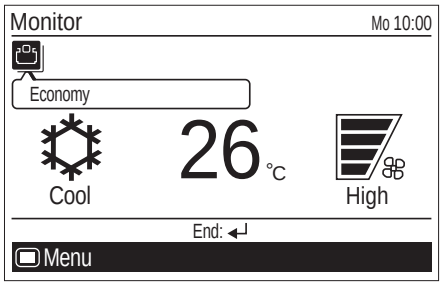


To change the setting, press the [Enter button].

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

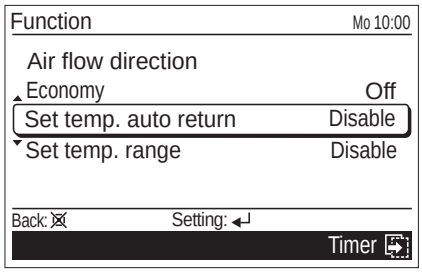


When you return to the “Monitor” screen, the icon is displayed. To check the function, press the [Enter button] and select the icon with the [Cursor button (Left/Right)].



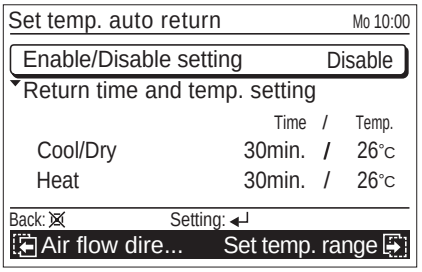
3-2-3. Set temp. auto return setting

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



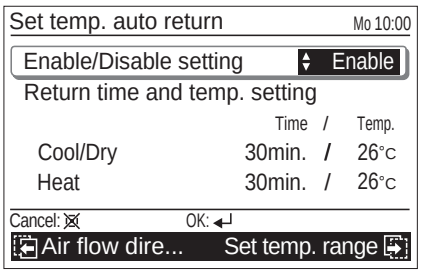
To change the setting, press the [Enter button].

2 “Set temp. auto return” screen is displayed.

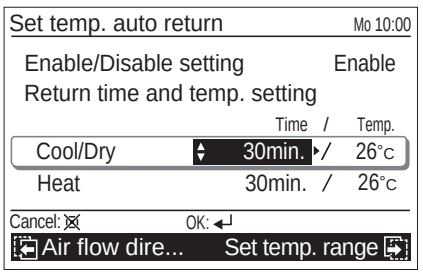


Select the item with the [Cursor button (Up/Down)], and press the [Enter button].

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].

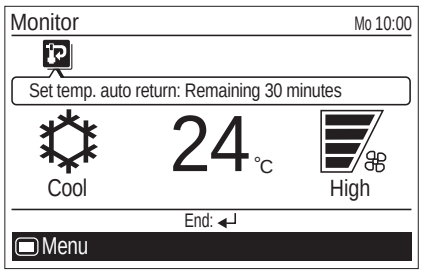


To complete the setting, press the [Enter button]. To return to the “Function” screen, press the [Cancel button].

Notes

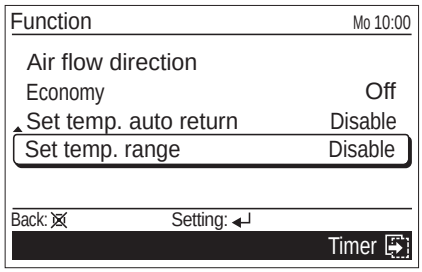
- The set time can be set from 30 to 120 minutes in units of 10 minutes.
- Possible temperature setting ranges in the operation mode are as follows:
  - Cool, Dry ..... 18 to 30 °C (64 to 88 °F)
  - Heat..... 16 to 30 °C (60 to 88 °F)
- If any ranges have been set in [Set temp. range] setting, adjustable 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 with the [Cursor button (Left/Right)].



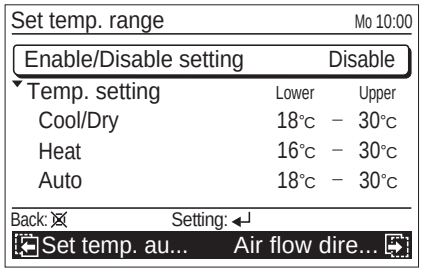
3-2-4. Set temp. range limitation setting

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



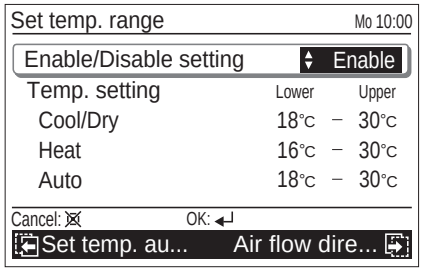
To change the setting, press the [Enter button].

2 “Set temp. range” screen is displayed.

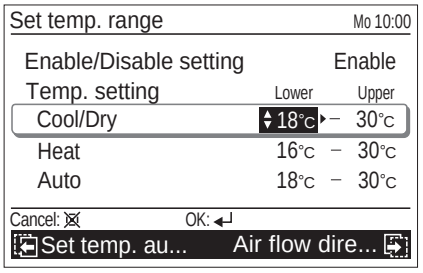


Select the item with the [Cursor button (Up/Down)], and press the [Enter button].

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



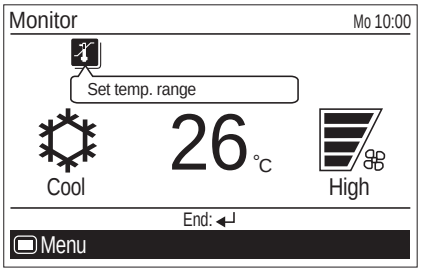
4 For [Temp. setting], select mode with the [Cursor button (Up/Down)] and press the [Enter button].
Adjust [Lower] and [Upper] value with the [Cursor button (Up/Down)].
With the [Cursor button (Left/Right)], the cursor can be switched [Lower] and [Upper].
To complete the setting, press the [Enter button].



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.

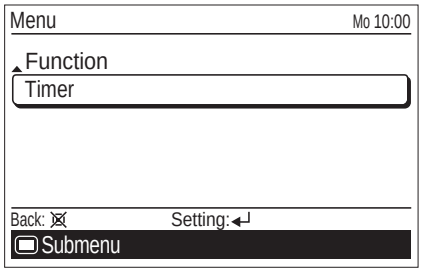
When you return to the “Monitor” screen, the icon is displayed. To check the function, press the [Enter button] and select the icon with the [Cursor button (Left/Right)].



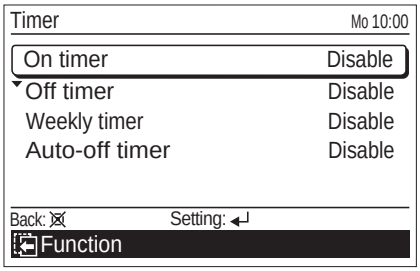
4. TIMER SETTING

4-1. Switching to the “Timer” screen

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



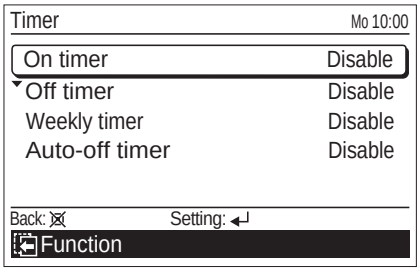
2 “Timer” screen is displayed. To return to the “Menu” screen, press the [Cancel button].



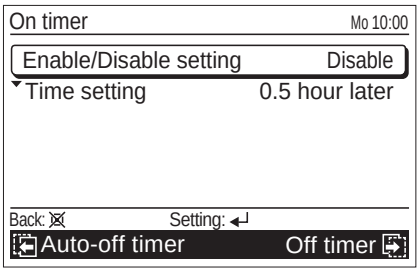
4-2. Timer setting items

4-2-1. On timer setting

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

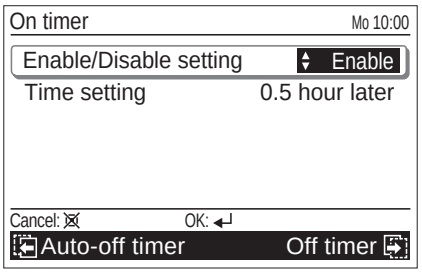


2 “On timer” screen is displayed.

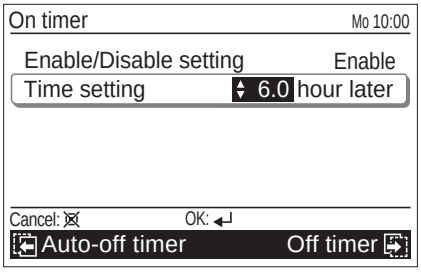


To change the setting, select the item with the [Cursor button (Up/Down)], and press the [Enter button].

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



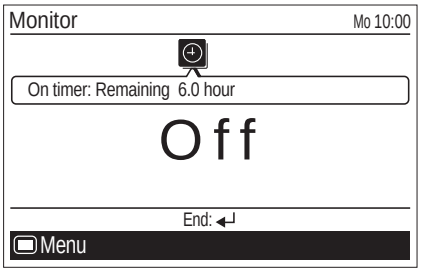
4 For [Time setting], adjust the time with the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.



Note

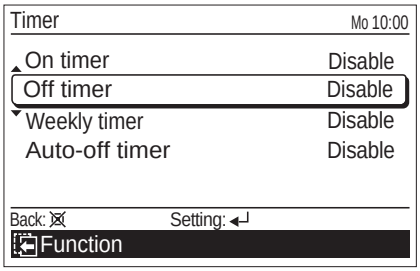
The [Time setting] can be set up to 24 hours in units of 30 minutes.

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 with the [Cursor button (Left/Right)].

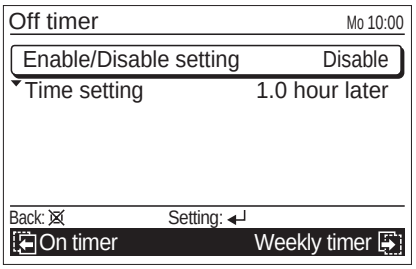


4-2-2. Off timer setting

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

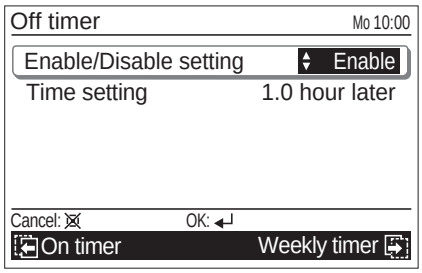


2 “Off timer” screen is displayed.

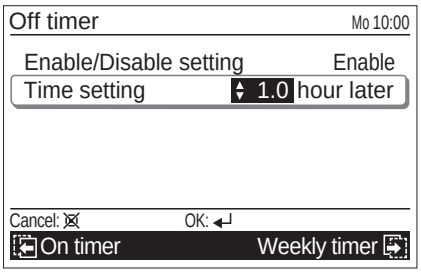


To change the setting, select the item with the [Cursor button (Up/Down)], and press the [Enter button].

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



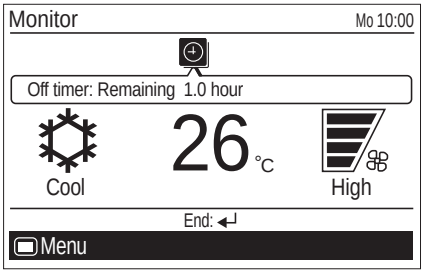
4 For [Time setting], adjust the time with the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.



Note

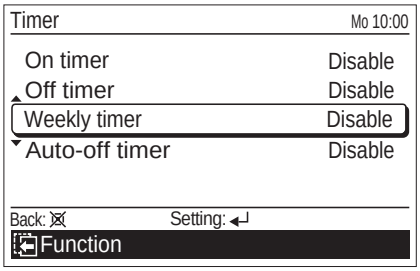
The [Time setting] can be set up to 24 hours in units of 30 minutes.

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 with the [Cursor button (Left/Right)].

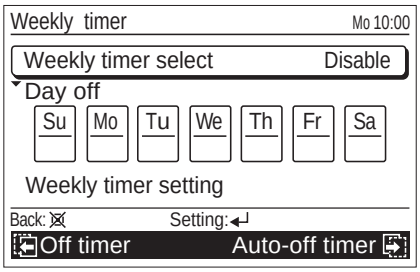


4-2-3. Weekly timer setting

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



2 “Weekly timer” screen is displayed.



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

3 To set up and activate the weekly timer, you need to configure following 2 items at least:

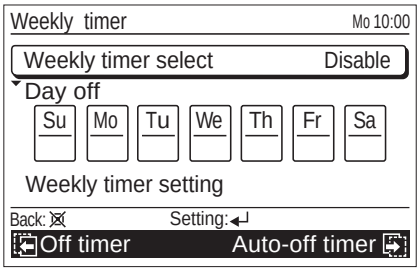
- Weekly timer select
- Weekly timer setting

Weekly timer select:

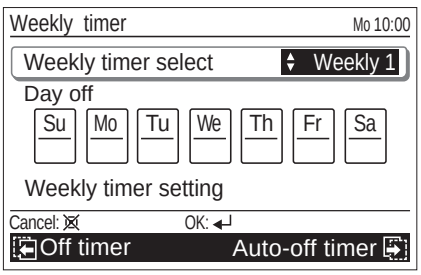
In [Weekly timer select] setting, you can select [Weekly 1], [Weekly 2], or [Disable].

Each of [Weekly 1] and [Weekly 2] has scheduled timer setting configured in [Weekly timer setting].

1. Select [Weekly timer select] with the [Cursor button (Up/Down)], and press the [Enter button].



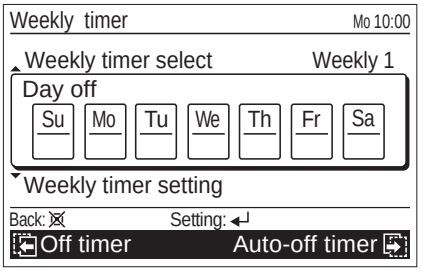
2. Select any of [Weekly 1], [Weekly 2], or [Disable] with the [Cursor button (Up/Down)], and press the [Enter button].



Day off setting:

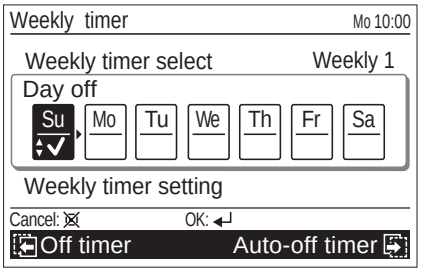
In [Day off] setting, select the inapplicable days of the week if there are any days that you want to skip the weekly timer operation.

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



2. Select the day of the week with the [Cursor button (Left/Right)] and enter check mark with the [Cursor button (Up/Down)].

To complete the day off setting, press the [Enter button].



Note

Weekly timer skips the checked day of the week only once.

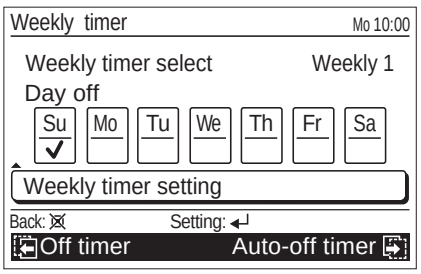
From the next week, it will perform the scheduled weekly timer that is configured in [Weekly timer setting].

Weekly timer setting (without zone control):

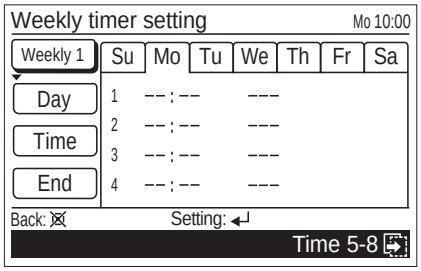
*If your air-conditioning system is zone-controlled, go to “**Weekly timer setting (with zone control)**” on page 19.

In “Weekly timer setting” screen, you can setup the schedule for each of [Weekly 1] and [Weekly 2].

1. Select [Weekly timer setting] with the [Cursor button (Up/Down)], and press the [Enter button].

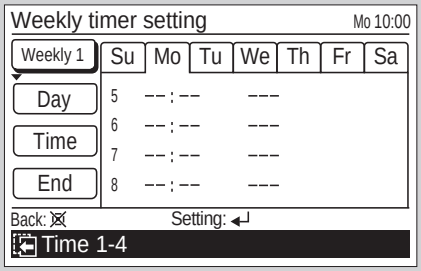


2. "Weekly timer setting" screen (Time 1-4) opens.

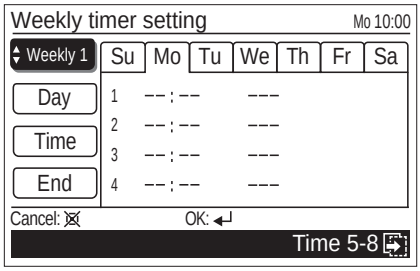


Note

"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.

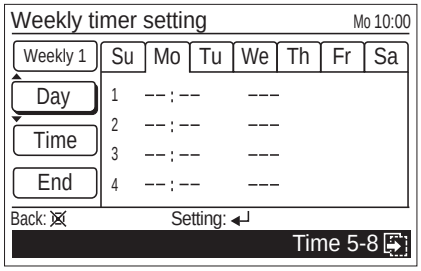


3. Press the [Enter button]. Then select [Weekly 1] or [Weekly 2] with the [Cursor button (Up/Down)], and press the [Enter button].

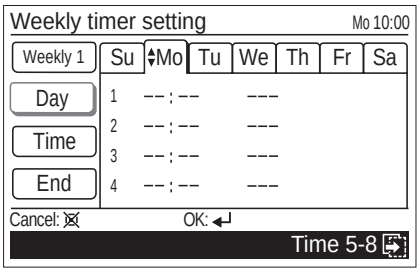


4. Select applicable days of the week as follows:

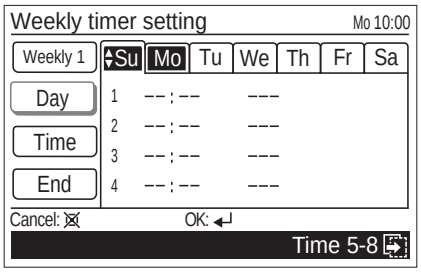
(1) Select [Day] with the [Cursor button (Up/Down)] and press the [Enter button].



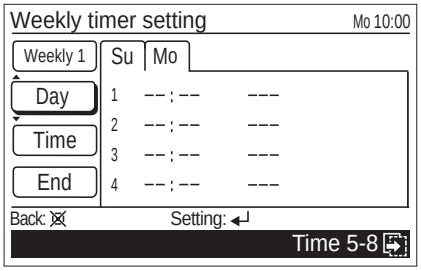
(2) Setting screen for the current day of the week opens.



(3) 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.



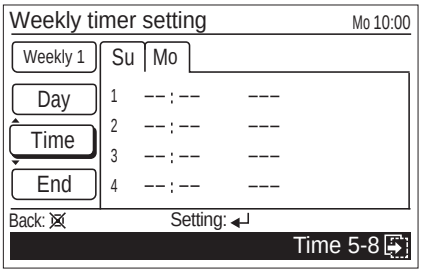
Only the selected days of the week are displayed when you press the [Enter button].



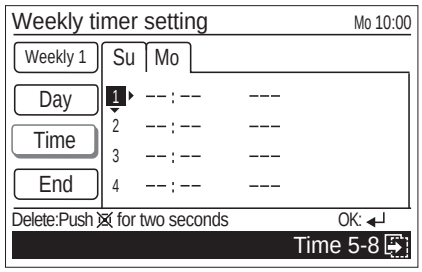
If you press the [Cancel button] here, the selection of the day will be canceled.

5. 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:

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



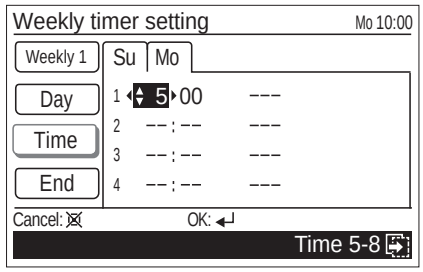
(2) Move the cursor between each pattern number with the [Cursor button (Up/Down)], and press the [Cursor button (Left/Right)] to set the time setting of On/Off timer, On/Off, operating mode and temperature for each pattern.



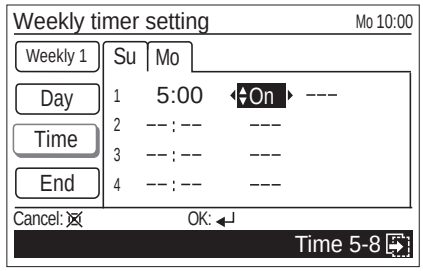
Note

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

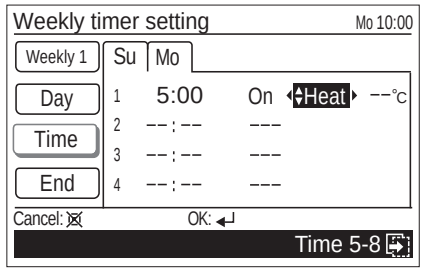
(3) Adjust time setting of On/Off timer with the [Cursor button (Up/Down)].



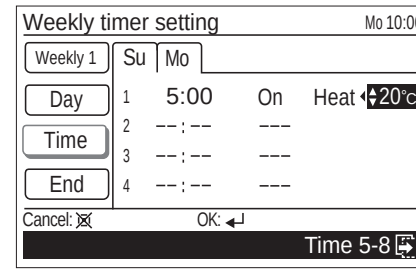
(4) Select [On] (On timer) or [Off] (Off timer) with the [Cursor button (Up/Down)]. When you selected [Off] (Off timer) here, skip following step (5) and (6).



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



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



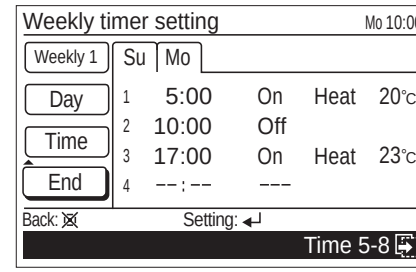
Notes

- 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:

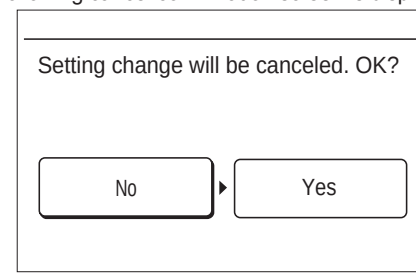
  Cool, Dry, Auto ..... 18 to 30 °C (64 to 88 °F)
  Heat ..... 16 to 30 °C (60 to 88 °F)
- If the temperature out of the Set temp. range limitation is set, it will be reset at the nearest temperature within the range. However, the adjusted temperature value in this setting will not be corrected automatically.

(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 finalize 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] before you finalize the setting, following cancel confirmation screen is displayed.



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

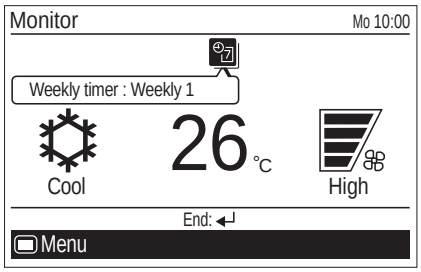
If you select [Yes] and press the [Enter button] here, all the configured items in step 5 will be canceled.

If you select [No] and press the [Enter button] here, the “Weekly timer setting” screen is displayed. To finalize the setting, select [End] with the [Cursor button (Up/Down)] and press the [Enter button].

Note

When the “Weekly timer setting” screen is displayed again after finalizing the setting, the set patterns you have registered will be sorted in time order. (Sorting function)

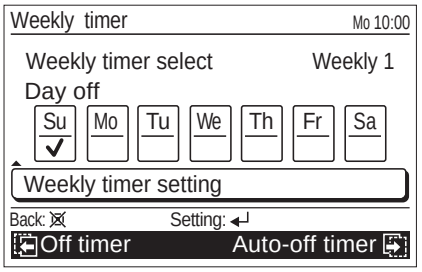
When you return to the “Monitor” screen, the icon is displayed. To check the function, press the [Enter button] and select the icon with the [Cursor button (Left/Right)].



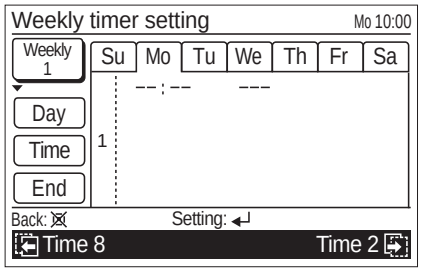
Weekly timer setting (with zone control):

In “Weekly timer setting” screen, you can setup the schedule for each of [Weekly 1] and [Weekly 2].

1. Select [Weekly timer setting] with the [Cursor button (Up/Down)], and press the [Enter button].



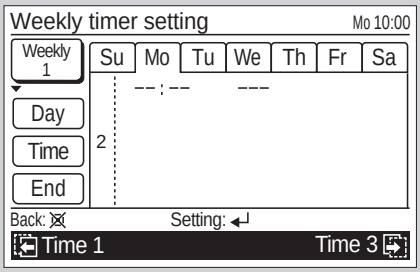
2. “Weekly timer setting” screen (Time1) opens.



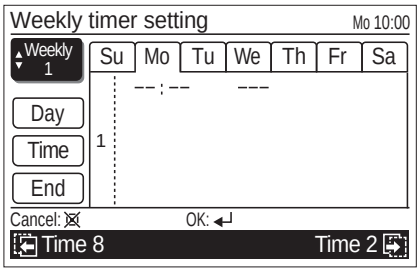
Note

“Weekly timer setting” screen consists maximum of 8 pages, from “Time 1” to “Time 8”. You can set one pattern per page, and maximum of 8 pattern per a day.
With pressing the [Screen switch button (Left/Right)] during setting, the screen switches to the previous page or the next page.

Example: When the [Screen switch button (Right)] is pressed once on page “Time 1”.

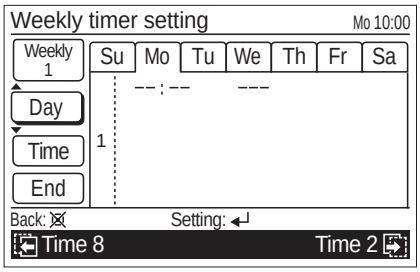


3. Press the [Enter button]. Then select [Weekly 1] or [Weekly 2] with the [Cursor button (Up/Down)], and press the [Enter button].

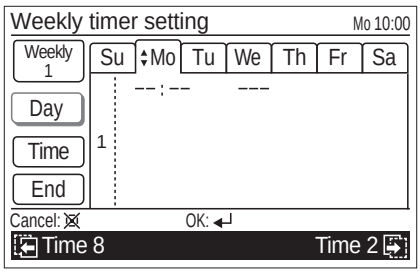


4. Select applicable days of the week as follows:

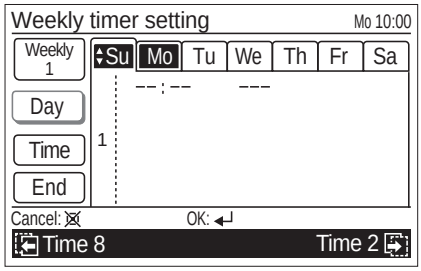
(1) Select [Day] with the [Cursor button (Up/Down)], and press the [Enter button].



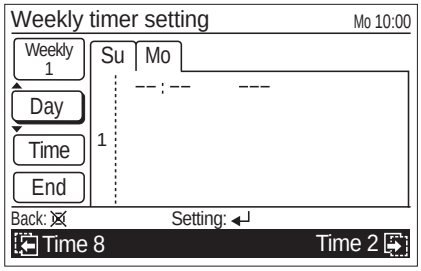
(2) Setting screen for the current day of the week opens.



(3) 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.

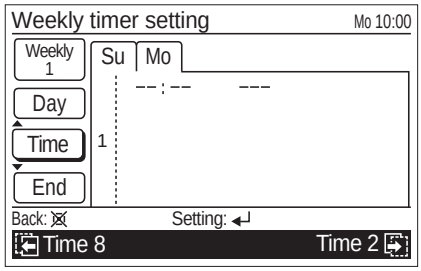


Only the selected days of the week are displayed when you press the [Enter button].

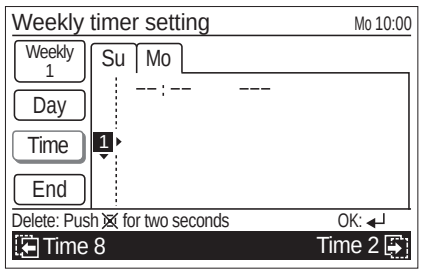


5. Set the desired conditions on the timer, such as time setting of On/Off timer, On/Off, operating mode (only for the On timer), and temperature (only for the On timer), up to 8 patterns per selected day.

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



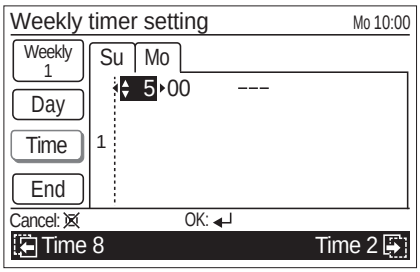
(2) Select the pattern number with the [Cursor button (Up/Down)]. Then press the [Cursor button (Right)] to set the time setting of On/Off timer, On/Off, operating mode, and temperature for the current selected pattern.



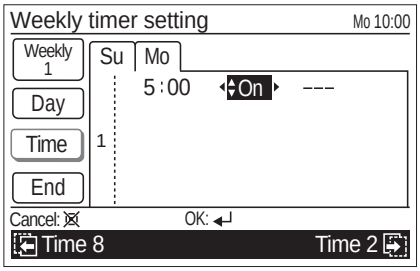
Note

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

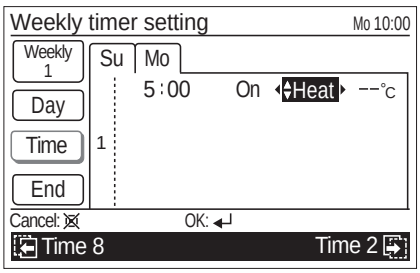
(3) Adjust time setting of On/Off timer with the [Cursor button (Up/Down)].



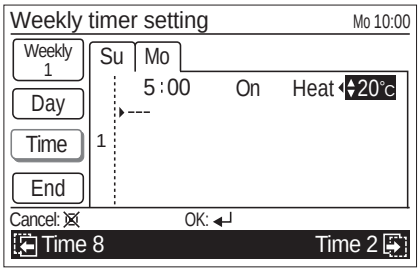
(4) Select [On] (On timer) or [Off] (Off timer) with the [Cursor button (Up/Down)].
When you selected [Off] (Off timer), the necessary setting for this pattern is completed here. If you continue to set other pattern, press the [Cursor button (Right)]. If you complete all of the setting on timer conditions for each pattern here, proceed to step **6**.



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



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



Notes

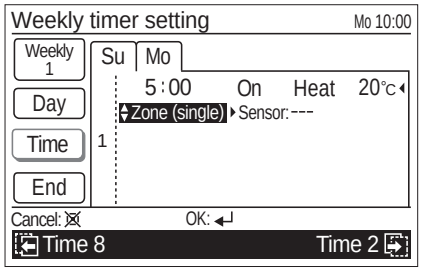
- Possible temperature setting ranges in the operation mode are as follows:

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

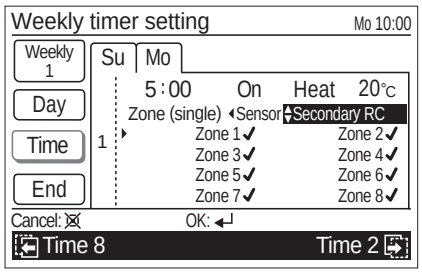
- If the temperature out of the Set temp. range limitation is set, it will be reset at the nearest temperature within the range. However, the adjusted temperature value in this setting will not be corrected automatically.

(7) Select [Zone (single)] (individual setting of zone control) or [Zone (group)] (simultaneous setting of zone control) as follows:

Individual setting of zone control):
Select [Zone (single)] with the [Cursor button (Up/Down)]. Then press the [Cursor button (Right)] to move the cursor to next setting item.

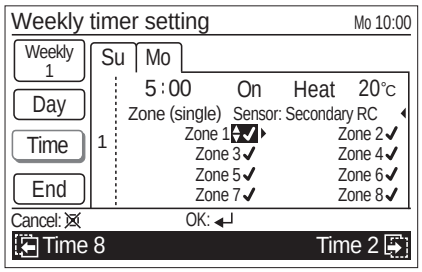


Select the room-temperature sensor with the [Cursor button (Up/Down)]. Then press the [Cursor button (Right)] to move the cursor to next setting item.



Select applicable zone name with the [Cursor button (Left/Right)], and press the [Cursor button (Up/Down)] to mark a check.

Check-marked: The zone is air-conditioned.
Blank: The zone is not air-conditioned.



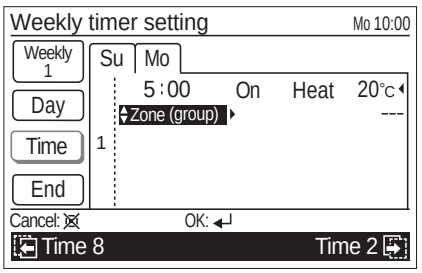
After you select all the applicable zones, press the [Enter button] to complete the individual setting of zone control.

Notes

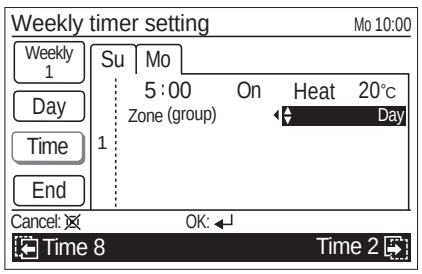
- When you set “On timer”, you need to set all of operating mode, temperature, room-temperature sensor, and applicable zone(s).
  Without these configurations, the timer will not work.
- Depending on the initial setup in the installation, there is a case that at least one zone need to be selected. In that case, following message is displayed on the screen, and you need to put a check mark at least one zone



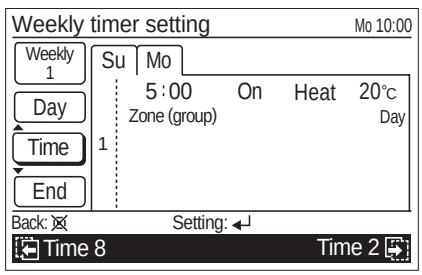
Simultaneous setting of zone control):
Select [Zone (group)] with the [Cursor button (Up/Down)]. Then press the [Cursor button (Right)] to move the cursor to next setting item.



Select the applicable group with the [Cursor button (Up/Down)].



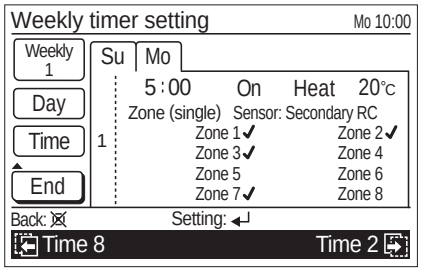
To complete the simultaneous setting of zone control, press the [Enter button].



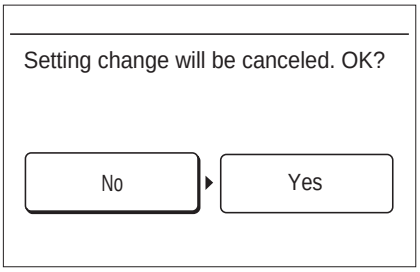
(8) When setting the other days of the week continually, perform procedures in step **4** and **5**.

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

Example: Weekly timer setting screen for Zone (single)



If you press the [Cancel button] before you finalize the setting, following cancel confirmation screen is displayed.



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

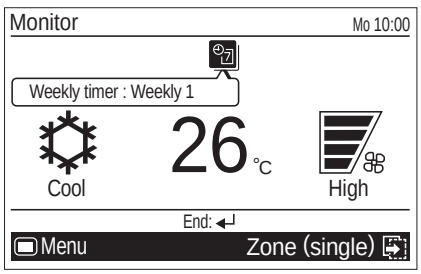
If you select [Yes] and press the [Enter button] here, all the configured items in step 5 will be canceled.

If you select [No] and press the [Enter button] here, the "Weekly timer setting" screen is displayed. To finalize the setting, select [End] with the [Cursor button (Up/Down)] and press the [Enter button].

Notes

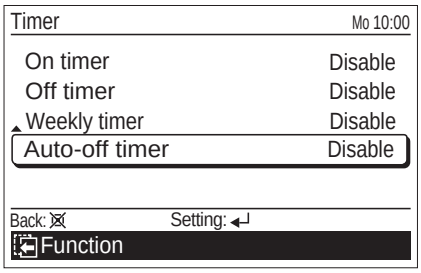
- If any names have been registered for zones and sensors in [Zone user setting], the registered names are displayed on this screen.
- Only connected zones and sensor are displayed.
- When the "Weekly timer setting" screen is displayed again after finalizing the setting, the set patterns you have registered will be sorted in time order. (Sorting function)

When you return to the "Monitor" screen, the icon is displayed. To check the function, press the [Enter button] and select the icon with the [Cursor button (Left/Right)].

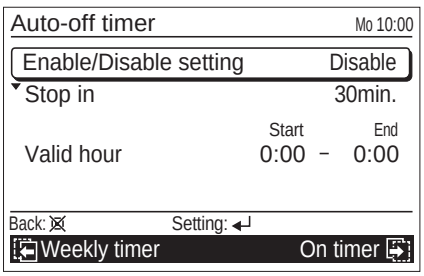


4-2-4. Auto-off timer setting

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

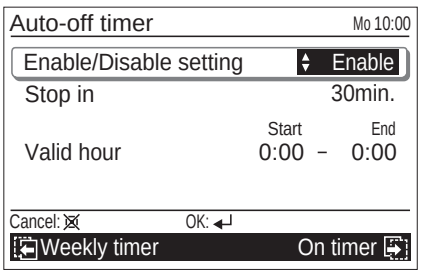


2 "Auto-off timer" screen is displayed.

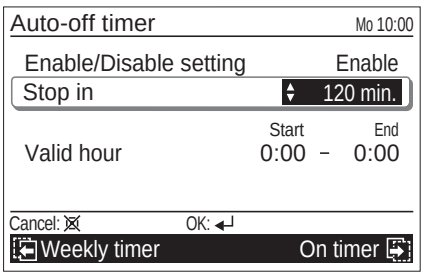


To change the setting, select the item with the [Cursor button (Up/Down)], and press the [Enter button].

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



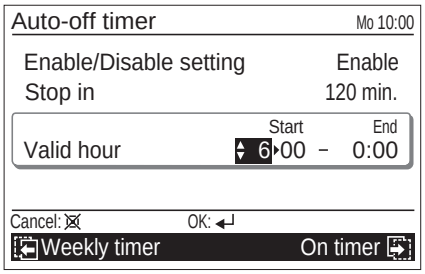
4 For [Stop in], adjust the timer with the [Cursor button (Up/Down)]. To complete the setting, press the [Enter button].



Note

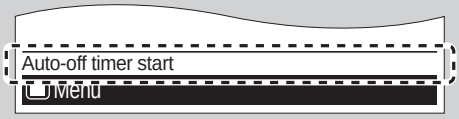
The set time can be set from 30 to 240 minutes in units of 10 minutes.

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].



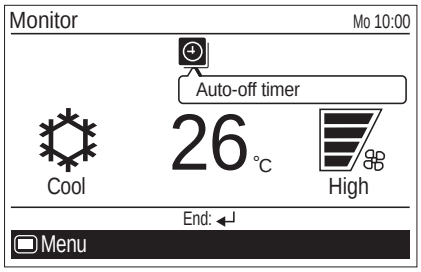
Notes

- 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.

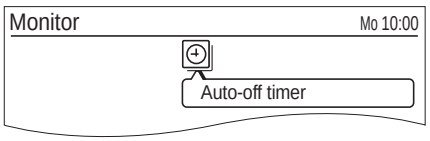


- Even if the valid hour is ended during Auto-off timer is working, the function will work after the set time in [Stop in] elapsed.
- The timer started counting down within the valid hour of the function, even if the current time is being out of the valid hour during the counting down, the function works.
- 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 with the [Cursor button (Left/Right)].



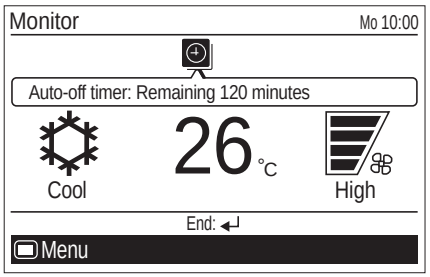
If the current time is out of the valid hour, the icon will be displayed as follows:



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]:

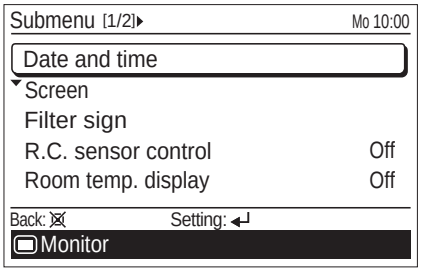
When the Auto-off timer is enabled, white icon on black background and the message balloon with the remaining time until the timer expires are displayed.



5. SUBMENU SETTING

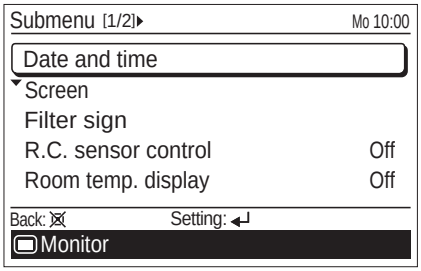
5-1. Switching to the “Submenu” screen

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.)

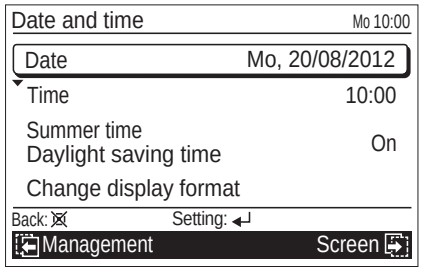


5-2. Date/Time setting

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

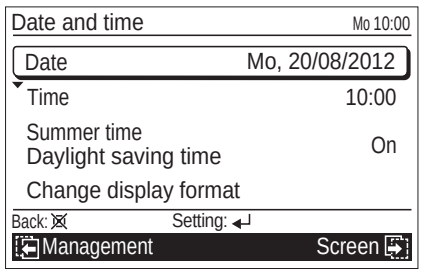


“Date and time” screen is displayed.

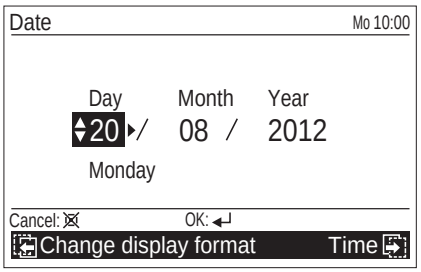


5-2-1. Date setting

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)].

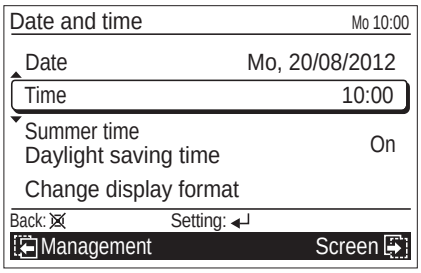
To complete the setting, press the [Enter button]. The screen returns to the “Date and Time” screen.

Note

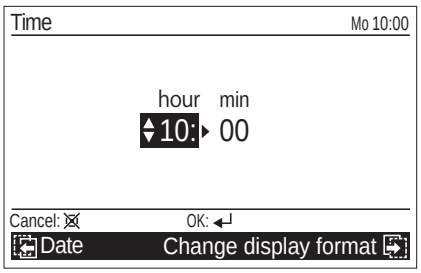
Display format of date depends on the setting. Refer to “5-2-4. Change display format setting”.

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

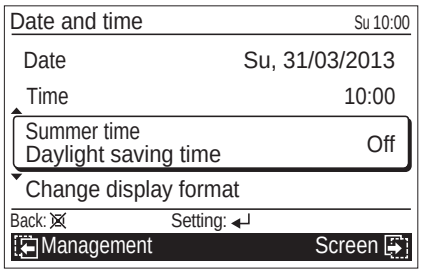
- Display format of time depends on the setting. Refer to “5-2-4. Change display format setting”.
- Even when summer time (daylight saving time) is applied, set the standard time here.
  Set On/Off with “5-2-3. Summer time (Daylight saving time) setting”.

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

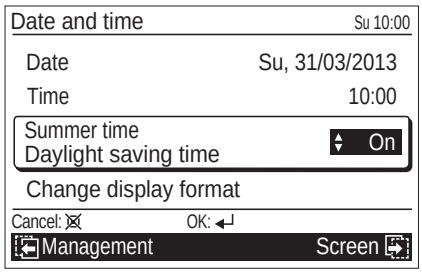
Note

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].



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



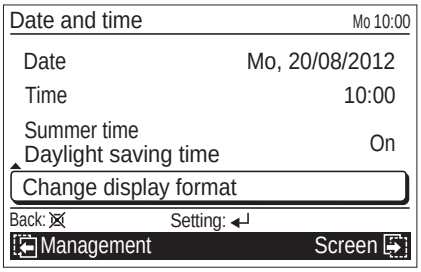
To complete the setting, press the [Enter button]. Screen returns to the “Date and Time” screen.

Note

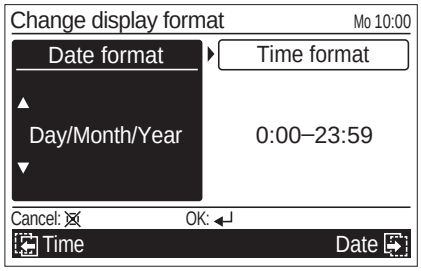
When it is set to [On], the time 1-hour in advance from the standard time is displayed. When it is set to [Off], the standard time is displayed.

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].



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)].



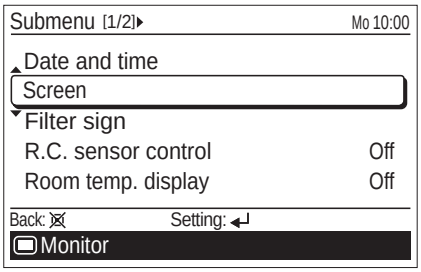
Available display formats are as follows:

Date format:	**Time format:**
• Day/Month/Year	• 0:00-23:59
• Month/Day/Year	• 0:00-11:59 AM/PM
• Year/Month/Day	• 12:00-11:59 AM/PM

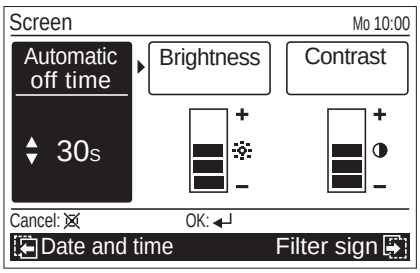
To complete the setting, press the [Enter button]. The screen returns to the “Date and Time” screen.

5-3. Screen setting

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

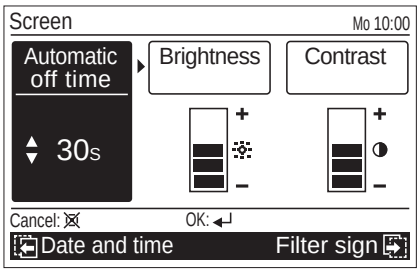


“Screen” screen is displayed.



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

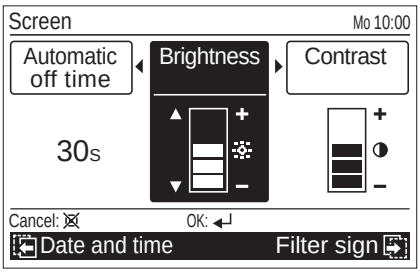
When the backlight is turned off by the [Automatic off time], the first button operation is not effective, and illuminates the backlight.
If [Automatic off time] is set to [Off], it is effective from the first button operation.

2 Other screen setting items can be set continually. To complete the setting, press the [Enter button].

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

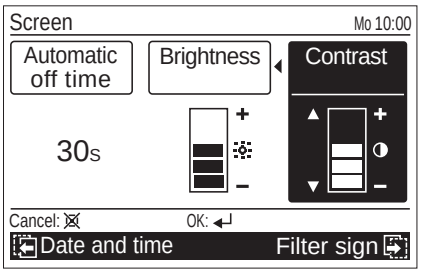
- The set is reflected while setting it.
- When the automatic off time setting is set in “Off”, Brightness setting is not displayed (It is not possible to set it).

2 Other screen setting items can be set continually. To complete the setting, press the [Enter button].

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, press the [Enter button].

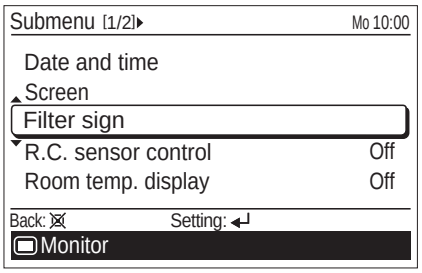
Screen returns to the “Submenu” screen.

5-4. Filter sign setting

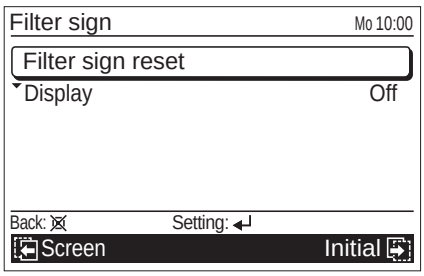
Note

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.



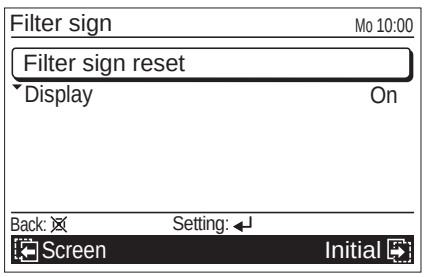
5-4-1. Filter sign reset setting

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:

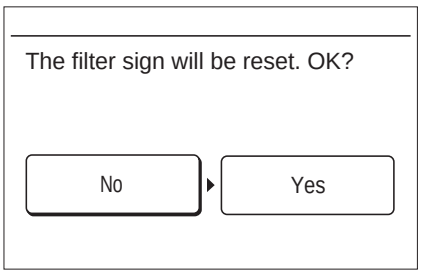
Note

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.

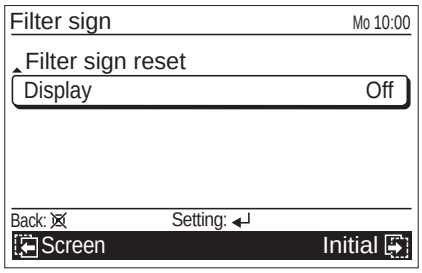
5-4-2. Display setting

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

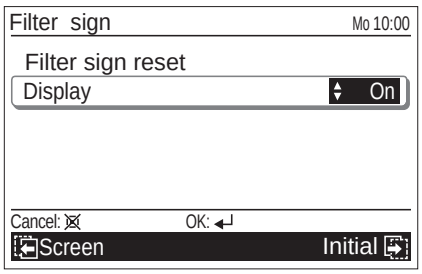
Note

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.

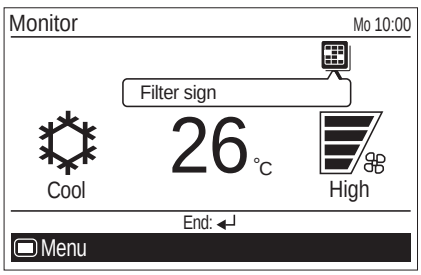


2 Select [On] or [Off] with the [Cursor button (Up/Down)], and press the [Enter button].



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 with the [Cursor button (Left/Right)].

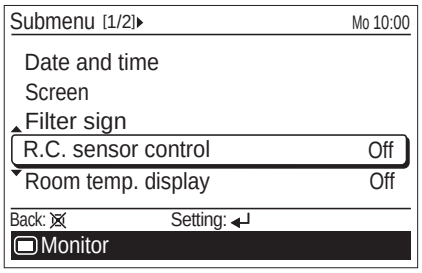


5-5. R.C. sensor control setting

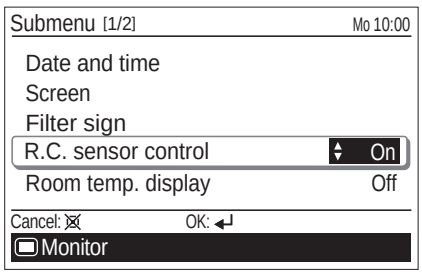
Note

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].

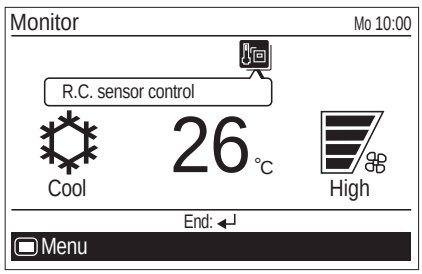


2 Select [On] or [Off] with the [Cursor button (Up/Down)], and press the [Enter button].



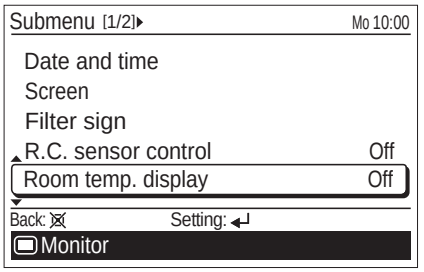
When you set this setting to [On], the icon is displayed on the “Monitor” screen.

To check the function, press the [Enter button] and select the icon with the [Cursor button (Left/Right)].

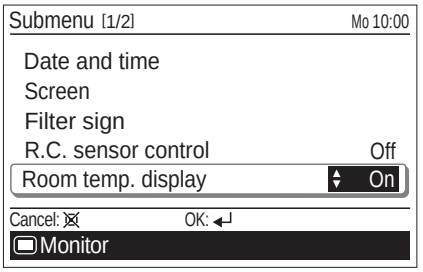


5-6. Room temp. display setting

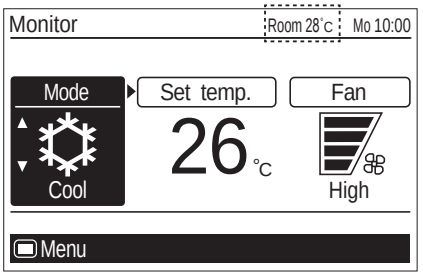
1 In “Submenu” screen, select [Room temp. display] with the [Cursor button (Up/Down)], and press the [Enter button].



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.

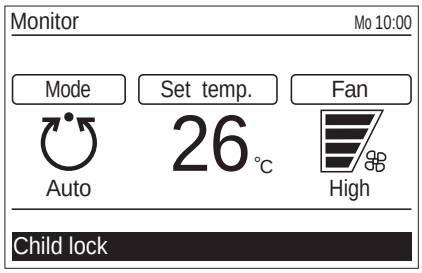
To lock up:
When the [Cancel button] is pressed for about 3 seconds or more continuously on the “Monitor” screen.

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.

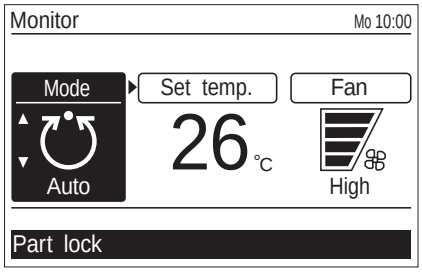
Following key lock functions are available:

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

When [Child lock] is set



When [Part lock] is set

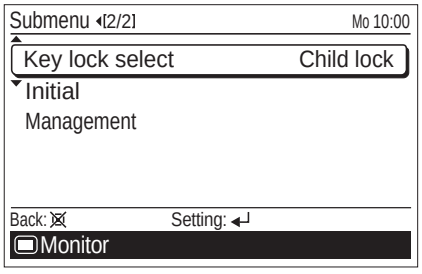


Note

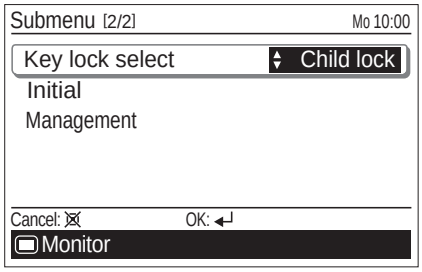
[Child lock] or [Part lock] indicator blinks when the restricted button operation is performed.

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].

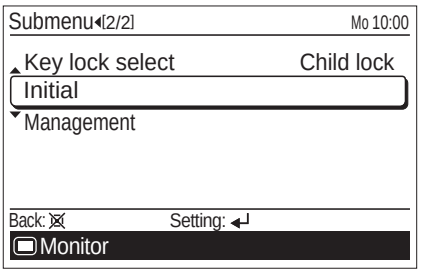


2 Select [Child lock] or [Part lock] with the [Cursor button (Up/Down)], and press the [Enter button].

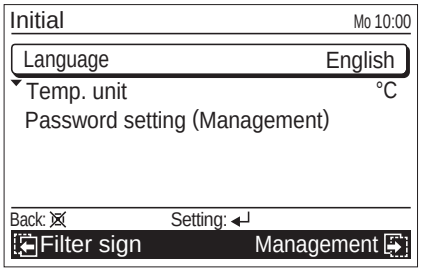


5-8. Initial setting

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



“Initial” screen is displayed.

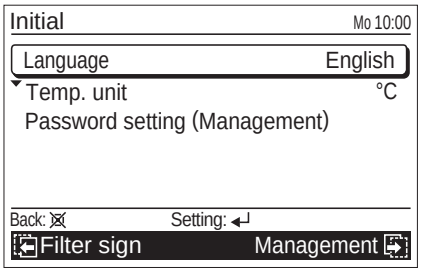


5-8-1. Language setting

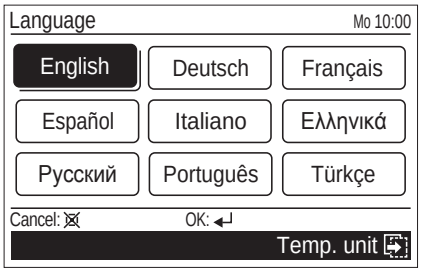
Note

In zone-controlled system, [Language] setting cannot be performed, and the setting item is not displayed on the screen. Only English guidance is available.

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

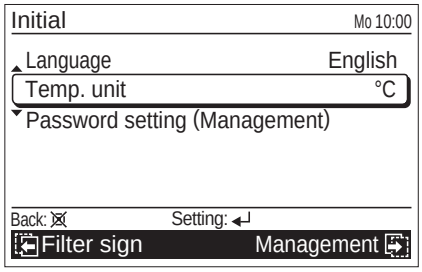


2 Select the desired language with the [Cursor button] and press the [Enter button].
The screen returns to the “Initial” screen and displays the selected language.

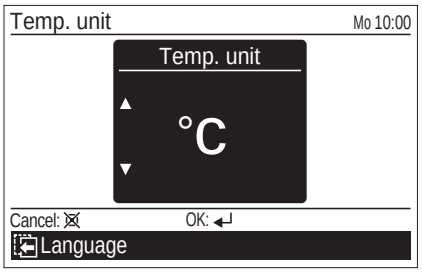


5-8-2. Temperature unit setting

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

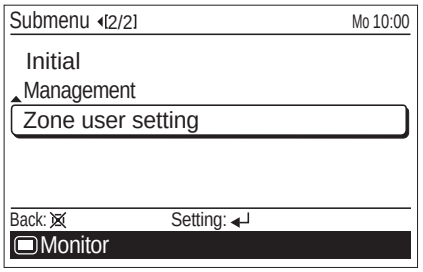


2 Select [°C] or [°F] with the [Cursor button (Up/Down)] and press the [Enter button].
The screen returns to the “Initial” screen.

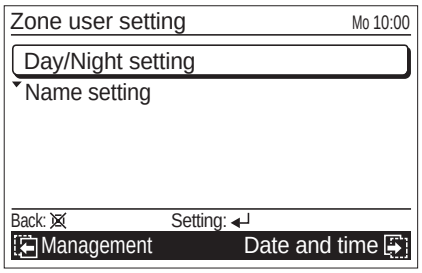


5-9. Zone user setting

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



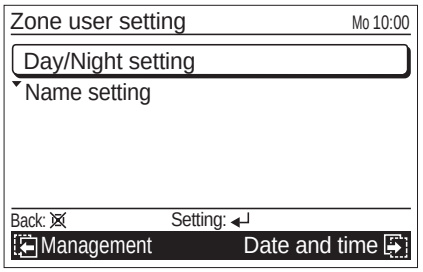
“Zone user setting” screen opens.



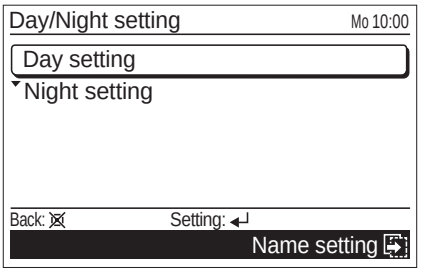
5-9-1. Day/Night setting

You can register zone(s) and room-temperature sensor to each group of “Day” and “Night”.

1 In “Zone user setting” screen, select [Day/Night setting] with the [Cursor button (Up/Down)], and press the [Enter button].

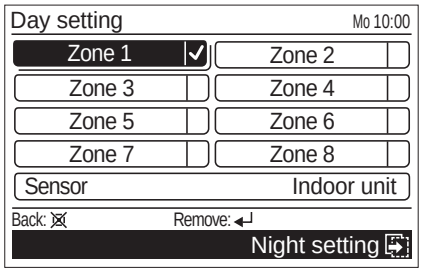


“Day/Night setting” screen opens.

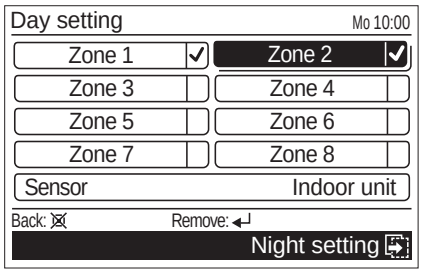


2 Select [Day setting] for the registration of group “Day”, and select [Night setting] for the registration of group “Night”, with the [Cursor button (Up/Down)]. When you press the [Enter button], registerable zones and room-temperature sensor are displayed.

As an setting example, Zone 1 to 8 are supposed to be connected in “Day setting” screen in following instructions.
Setting procedures are common to [Day setting] and [Night setting].



3 Select zone to be registered in the group with the [Cursor button]. When you press the [Enter button], a check mark is displayed.



To remove the check mark, adjust the cursor to the zone name to be unchecked, and press the [Enter button] again.

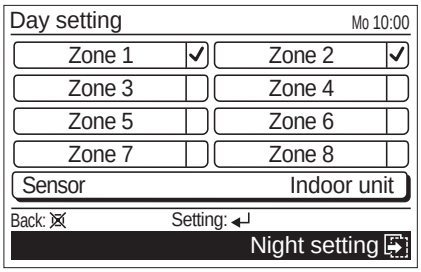
Note

Depending on the initial setup in the installation, not the all of the check-mark fields cannot be kept blank.
In that case, following message is displayed on the screen, and you need to put a check mark at least one zone.

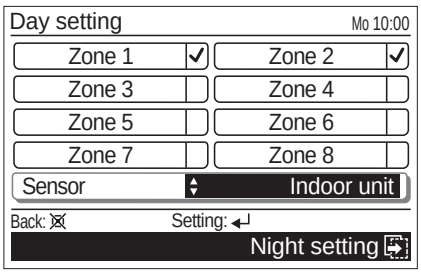


4 Select the room-temperature sensor to be registered in the group as follows:

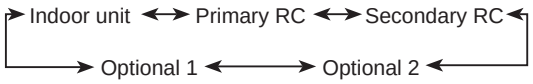
1. Select [Sensor] with the [Cursor button (Up/Down)], and press the [Enter button].



2. Select the room-temperature sensor with the [Cursor button (Up/Down)].



Each time you press the [Cursor button (Up/Down)], displayed sensor switches as follows.
Non-connected sensor will be skipped.

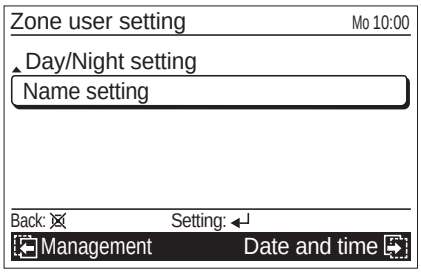


3. To finalize the selected room-temperature sensor, press the [Enter button].

5-9-2. Name setting

You can register desired name of zones, groups, and room-temperature sensors.

1 In “Zone user setting” screen, select [Name setting] with the [Cursor button (Up/Down)], and press the [Enter button].



2 Select zone, group, or room-temperature sensor to be named.

You can register desired names for following items.

Zone:	**Group:**	**Sensor:**
• Zone 1	• Day	• Indoor unit
• Zone 2	• Night	• Primary RC
• Zone 3		• Secondary RC
• Zone 4		• Optional 1
• Zone 5		• Optional 2
• Zone 6		
• Zone 7		
• Zone 8		

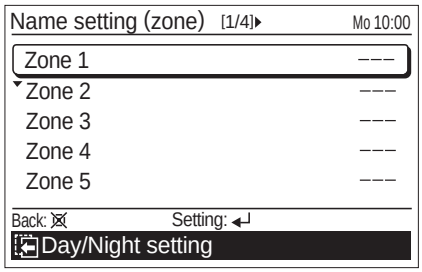
Note

Only connected zones and sensors are displayed.

Selecting zone to be named:

1. In “Zone user setting” screen, select [Zone name setting] with the [Cursor button (Up/Down)]. When you press the [Enter button], “Name setting (group)” screen is displayed.

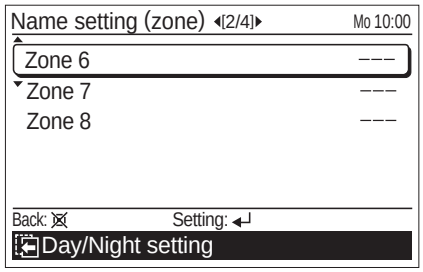
As a setting example, Zone 1 to 8 are supposed to be connected in following instructions.



If any names have been registered for the zones already, the registered names are displayed instead of “---” on this screen.

If more than 6 zones are connected, you will have an extra page.
Any of following actions make the screen switches from “Name setting (zone) [1/4]” to the extra setting screen.

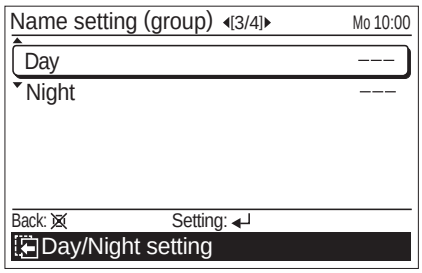
- Pressing the [Cursor button (Right)] in “Name setting (zone) [1/4]” screen.
- Pressing the [Cursor button (Down)] during the cursor is set to the last zone name in “Name setting (zone) [1/4]” screen.



2. Select the zone to be named with the [Cursor button (Up/Down)], and press the [Enter button].

Selecting group to be named:

1. In “Name setting (zone)” screen, press the [Cursor button (Right)]. “Name setting (group)” screen opens.

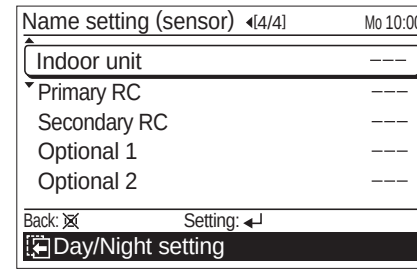


If any names have been registered for the groups already, the registered names are displayed instead of “---” on this screen.

2. Select the group to be named with the [Cursor button (Up/Down)], and press the [Enter button].

Selecting room-temperature sensor to be named:

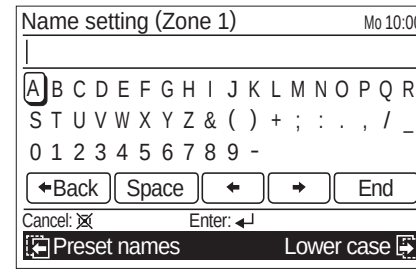
1. In “Name setting (group)” screen, press the [Cursor button (Right)]. “Name setting (sensor)” screen opens.



If any names have been registered for the sensors already, the registered names are displayed instead of “---” on this screen.

2. Select the sensor to be named with the [Cursor button (Up/Down)], and press the [Enter button].

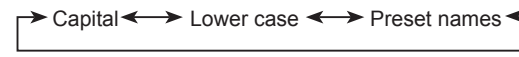
When you press the [Enter button] after selecting any of zone, group, or sensor, “Name setting” screen opens.
As the setting example, name setting screen for “Zone 1” is used in following instructions.



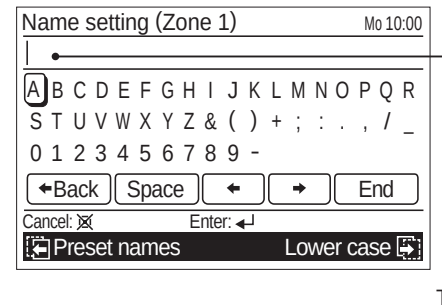
3 Enter desired name.
For entering the text of the name, there are following 3 screens.

- Capital
- Lower case
- Preset names

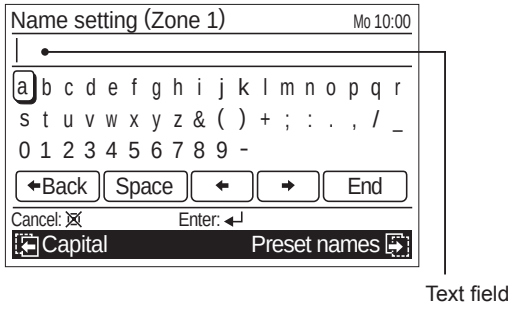
You can enter mixed text with “Capital”, “Lower case”, and “Preset names”, up to 12 characters.
When you press the [Screen switch button (Left/Right)] during entering the text, the screen switches as follows.



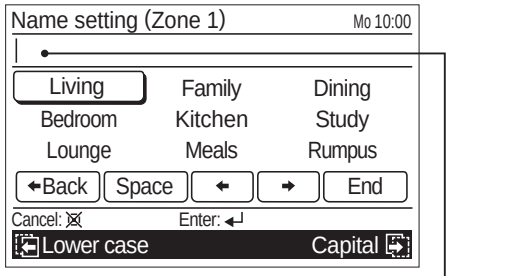
Capital:
You can select and enter desired capital letter.
In “Capital” screen, set the cursor to the target letter with the [Cursor button], and press the [Enter button].
Selected letter is displayed in the text field.



Lower case:
You can select and enter desired lower case.
In “Lower case” screen, set the cursor to the target letter with the [Cursor button], and press the [Enter button].
Selected letter is displayed in the text field.

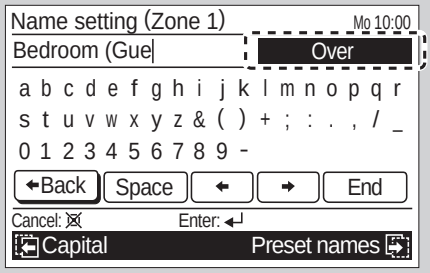


Preset names:
You can select and enter desired preset name.
In “Preset names” screen, set the cursor to the target name with the [Cursor button], and press the [Enter button].
Selected name is displayed in the text field.



Note

Maximum text number you can enter is 12 characters including a space. If you try to enter the 13th character, message indicating that the entering text number is exceeding is displayed in the text field as follows:
(The 13th character is not displayed.)



4 Set the cursor to [End] with the [Cursor button], and press the [Enter button] to finalize the name registration.
Screen returns to the “Name setting” screen, and registered name is displayed.

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.

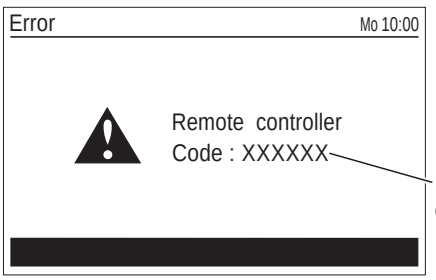
7. SPECIFICATION

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

8. ERROR CODE

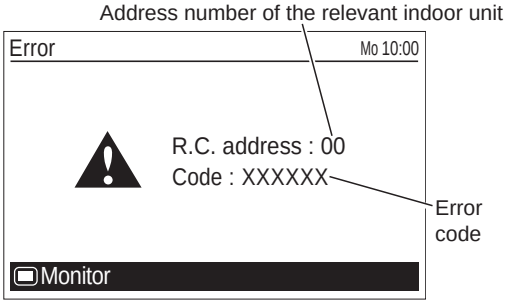
If an error occurs, the power indicator (green) blinks and the following screen will be shown.
If “Error” is displayed, immediately stop the air conditioner operation, and consult authorized service personnel.

- **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:**

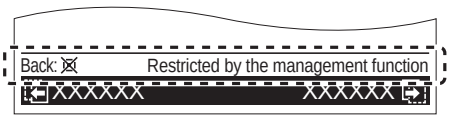


9. TROUBLESHOOTING

⚠ 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.

9-1. Troubleshooting (general)

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?	28
	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. 	9
		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.	14, 15
	Weekly timer does not work:	Have all the necessary settings been completed in [Weekly timer setting]?	17 to 22
	Operation is automatically stopped:	Has off timer been set?	15
		Has weekly timer been set?	16
		Has auto-off timer been set?	22
	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?	22
		Has the operation been started by weekly timer or on timer?	22
		Has the weekly timer been on during the counting down of the Auto-off timer?	22
		Has it been within the valid hour?	22
		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?	12
	Does not return to the set temperature:	Has set temp. range limitation been set?	13
	Set temperature cannot be changed:	Has set temp. range limitation been set?	13
		Is message [R.C. prohibition (Set temp. all)] and icon displayed?	4

	Symptom	Items to check	See Page
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.	–
	Order of timer patterns from [Time 1] to [Time 8] in [Weekly timer setting] is different from what you registered:	If more than 2 timer patterns per a day are registered in [Weekly timer setting] and they are not in proper time order, those patterns are sorted automatically in time order when you finalize the [Weekly timer setting]. (Sorting function)	22

9-2. Troubleshooting in zone-controlled system

Before requesting service, perform the following checks:

	Symptom	Items to check	See Page
CHECK ONCE MORE	No airflow comes out even if the air conditioner is on:	Has a check been marked on the applicable zone properly in [Zone (single) setting] or in [Zone (group) setting]? If there is no airflow even if a check is marked on the applicable zone in these settings, there might be a malfunction of the installed damper. Consult your dealer or authorized service personnel.	5, 6
	Zone setting screen does not open:	There might be an installation failure. Consult your dealer or authorized service personnel.	–
	Registered name in [Name setting] on one wired remote controller is not displayed on the other wired remote controller when using 2 wired remote controllers:	Has [Name setting] been done on both wired remote controllers? When using 2 wired remote controllers, the name registration in [Name setting] need to be done on both wired remote controllers.	31
NORMAL FUNCTION	Volume of airflow changes:	Volume of the airflow is affected by configurations in the zone setting. If the airflow is too strong, set the fan speed setting lower. If the airflow is too weak, set the fan speed setting higher.	8
	Airflow does not come out soon after the air conditioner is turned on:	Depending on the type of installed damper, the air conditioner does not start operation for about 1 minute until the spring damper is ready to work.	7
	Check mark cannot be removed in [Zone (group) setting]:	Only marking a check is allowed in [Zone (group) setting]. Mark a check to other group in [Zone (group) setting], or change any setting in [Zone (single) setting].	6