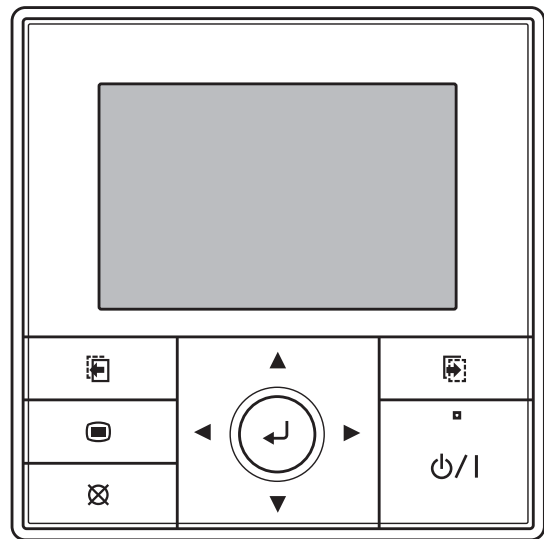# FUJITSU

INVERTER

OPERATING MANUAL

AIR CONDITIONER
DUCT TYPE

Indoor Unit
ARTG60LHTB

⚠ **CAUTION**

R410A
REFRIGERANT

This Air Conditioner contains and
operates with refrigerant R410A.

**THIS PRODUCT MUST ONLY BE INSTALLED OR SERVICED
BY QUALIFIED PERSONNEL.**

Refer to Commonwealth, State, Territory and local legislation,
regulations, codes, installation & operation manuals, before
the installation, maintenance and/or service of this product.

KEEP THIS MANUAL FOR FUTURE REFERENCE

FUJITSU GENERAL LIMITED

PART No. 9374379699

OPERATING MANUAL

PART No. 9374379699

AIR CONDITIONER (DUCT TYPE)

Contents

• 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.
- 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

The appliance contains no user-serviceable parts. Always consult authorized service personnel for repairing, installation, and relocation of this product. Improper installation or handling will cause leakage, electric shock, or fire.
In the event of a malfunction such as burning smell, immediately stop operation of the air conditioner, and disconnect all the power supply by turning off the electrical breaker or disconnecting the power plug. Then consult authorized service personnel.
Take care not to damage the power supply cable. If it is damaged, it should only be replaced by authorized service personnel.
In the event of refrigerant leakage, be sure to keep away from fire or any flammables, and consult authorized service personnel.
If you see lightning or hear thunder, there might be a lightning strike. To prevent electric shock hazard, turn off the air conditioner by using the remote controller, and do not touch the unit or the power plug during thunderstorm.
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.
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 inflammable gases near the unit. It may cause a fire from leaking gas.
Do not start or stop the operation of this product by inserting or pulling out the power plug, or by turning on or off the circuit breaker.
Do not expose yourself directly to the cooling airflow for many hours.

⚠ CAUTION

Provide occasional ventilation during use.
Always operate the unit with air filters installed.
Unplug the power supply cable when not using the indoor unit for an extended period.
After long period of use, check whether the installation stand does not deteriorate to prevent the unit from falling down.
Connection valves become hot during Heating; handle with care.
When restarting after a long period of disuse in the winter, turn the power switch on at least 12 hours before starting the unit.
Do not set vessels containing 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.
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.
Do not direct the airflow at fireplaces or heating apparatus.
Do not block or cover the intake grille and the outlet port.
Do not apply any heavy pressure to radiator fins.
Do not climb on, place objects on, or hang objects from the unit.
Do not place any other electrical products or household belongings under indoor unit or outdoor unit. Dripping condensation from the unit might get them wet, and may cause damage or malfunction of your property.
Do not use this product for preservation of food, plants, animals, precision equipment, art work, or other objects. This may cause quality deterioration of those items.
Do not expose animals or plants to the direct airflow.
Do not drink the drainage from the air conditioner.

1-2. Features and functions

■ Energy saving and Comfortable function

INVERTER

At the start of operation, large amount of power is used to bring the room quickly to the desired temperature. Afterwards, the unit automatically switches to a low power setting for economic and comfortable operation.

ECONOMY OPERATION

When ECONOMY operation mode is operated, 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.

AUTO CHANGEOVER

The operation mode (cooling, dry, heating) is switched automatically to maintain the set temperature, and the temperature is kept constant at all times.

■ Convenient function

WEEKLY TIMER

Use this timer function to set operating times for each day of the week. Use the timer OFF setting to switch off timed operation for a selected day in the coming week. Because all days can be set together, the weekly timer can be used to repeat the timer settings for all of the days.

■ Remote controller

WIRED REMOTE CONTROLLER

The wired remote controller allows convenient control of indoor unit operation.

WIRELESS REMOTE CONTROLLER (OPTION)

The optional wireless remote controller can be used. When you use remote controller, there are following different points as compared with using wired remote controller.

[Additional functions for wireless remote controller]
   • SLEEP timer
   • TIMER
   • 10 °C HEAT operation

You can use both wireless and wired remote controller simultaneously. (But function is limited.)

[Restricted functions for wired remote controller]
   • Weekly timer
   • Temperature set back timer

ZONE CONTROL

This function enables efficient air-conditioning by selecting specific zones from the various zones divided within the indoor space.
To use this function, installation of the optional "Zone control interface" is necessary. For details, please consult your dealer or authorized service personnel.

1-3. 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.
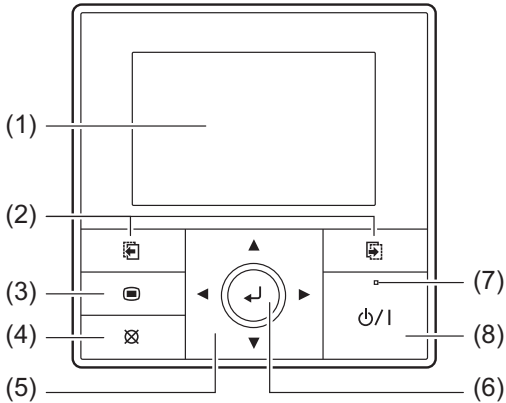
(1) **Display panel (with backlight)**
  • Backlights when you press any button.
  • Depending on the operation or setting, the content changes.
  • The brightness, contrast, and automatic light-off setting of the backlight can be adjusted.
    Refer to "5. SUBMENU SETTING".
  NOTE: While the backlight 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

    Cancel: ⊠   OK: ↵
    ⬅Change display format   Time ➡

    Screen switch   Screen switch
    button (Left)   button (Right)

    Cancel: ⊠   OK: ↵
    ⬅Date   Change display format ➡
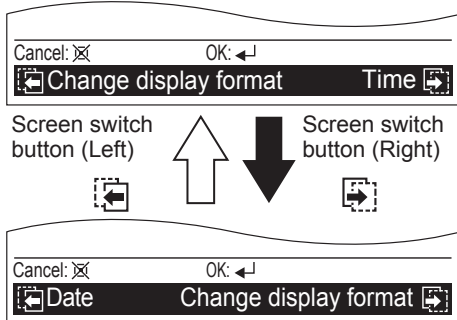
  NOTE: These buttons are active only when any combinations of ⬅ or ➡ and the relevant screen names are displayed in the black field at the bottom of the screen.

(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.

    Cancel: ⊠   OK: ↵
    XXXXX   XXXXXX ➡

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

    Back: ⊠   Setting: ↵
    XXXXX   XXXXXX ➡

(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].

    Setting change will be canceled. OK?

    No   ◄   Yes
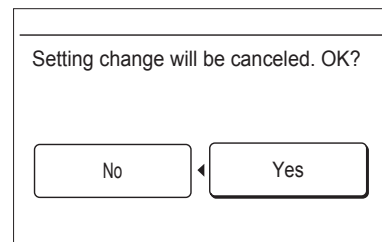
(7) **Power indicator**
  Lights green when the unit is turned on, and goes off when the unit is turned off.
  NOTE: It blinks when an error occurs.

(8) **On/Off button**
  Starts or stops the operation.

En-4

1-4. About "Monitor" screen

"Monitor" screen shows several statuses such as the operating status of the air conditioner, function setting, or other current operating conditions.
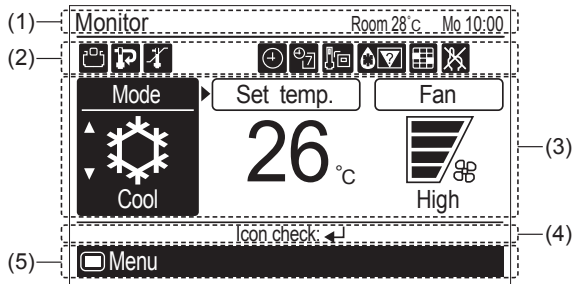
(1) **Screen status and current conditions**
Shows the current screen name, room temperature, day of the week, and clock.
NOTES:
- The clock can be changed to 24-hour clock, AM/PM (12-hour: 12:00–11:59 or 0:00–11:59) clock. (Refer to "5-2-4. Change display format setting".)
- Room temperature indication 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.
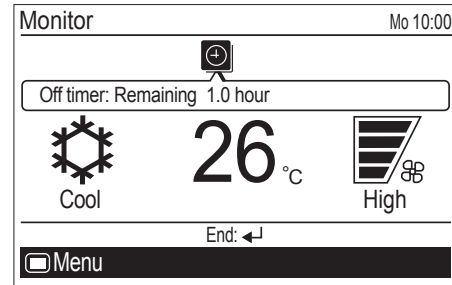
- If multiple timers have been set, up/down arrows ▲ ▼ are displayed in the message balloon. To check the target timer function, press the [Cursor button (Up/Down)].
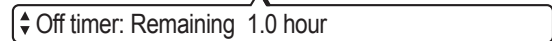
- With pressing the [Cursor button (Left/Right)], you can check the other icon functions when several icons are displayed on the "Monitor" screen.
- When you press the [Enter button] again, the message balloon is closed.
- If there is no additional button operation for 3 seconds, the icon check function 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.

1-5. 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

Room-temperature sensor

Wired remote controller

Duct-type air conditioner and zone-control interface unit

Damper
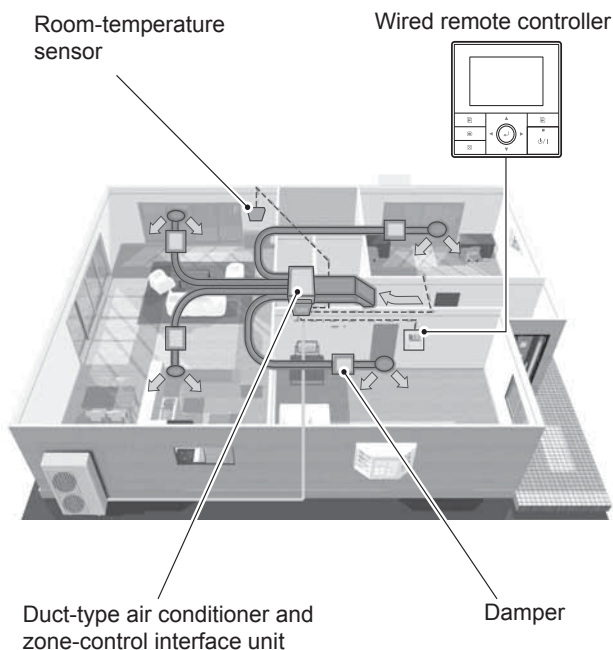
If your air-conditioning system is zone-controlled, related setting screens are prepared, and the switchable setting screen name is displayed in the "Monitor" screen as follows:
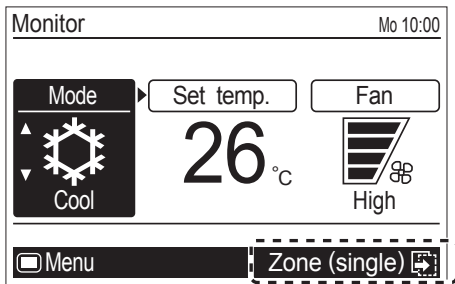
There are 2 types of zone-control settings; "Zone (single)" controls each individual zone, and "Zone (group)" controls some selected zones all at once.

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

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

1-5-1. 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.
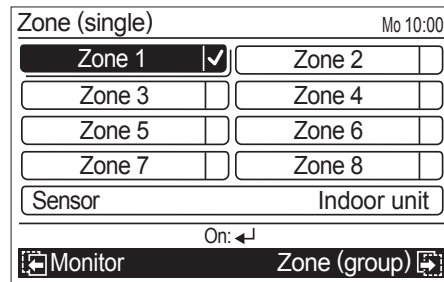
Notes
• If any names have been registered for zones and sensors in [Zone user setting], the registered names are displayed on this screen.

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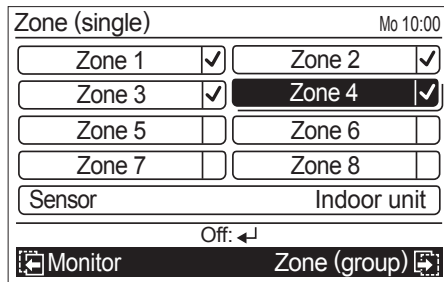
To cancel the air conditioning, set the cursor to the zone marked with a check, and press the [Enter button] to remove the check mark. Unchecked zone is not air-conditioned.

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.

One zone must be open at all times.

3 Select room-temperature sensor as follows:

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

```
Zone (single)                              Mo 10:00
   Zone 1      ✓      Zone 2      ✓
   Zone 3      ✓      Zone 4      ✓
   Zone 5             Zone 6
   Zone 7             Zone 8
  Sensor                      Indoor unit
                 Setting: ↵
  ⬅ Monitor              Zone (group) ➡
```

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

```
Zone (single)                              Mo 10:00
   Zone 1      ✓      Zone 2      ✓
   Zone 3      ✓      Zone 4      ✓
   Zone 5             Zone 6
   Zone 7             Zone 8
  Sensor         ↕           Indoor unit
 Cancel: ⌧              OK: ↵
  ⬅ Monitor              Zone (group) ➡
```

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

```
→ Indoor unit ←→ Primary RC ←→ Secondary RC ←
         ↓                                    ↑
         → Optional 1 ←→ Optional 2 ←
```
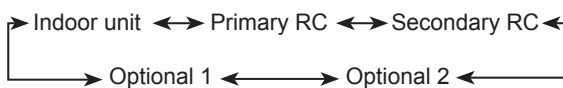
To complete the setting, press the [Enter button].

1-5-2. 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.

```
Zone (group)                              Mo 10:00
                        Zone:      Zone 1
     Day                           Zone 2
                                   Zone 3
     Night                         Zone 4

     All

                        Sensor:       Indoor
                 On: ↵
  ⬅ Zone (single)              Monitor ➡
```

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.

```
Zone (group)                              Mo 10:00
                   ✓   Zone:      Zone 1
     Day                           Zone 2
                                   Zone 3
     Night                         Zone 4

     All

                        Sensor:       Indoor

  ⬅ Zone (single)              Monitor ➡
```

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".

Monitor	Mo 10:00

Off

◻ Menu
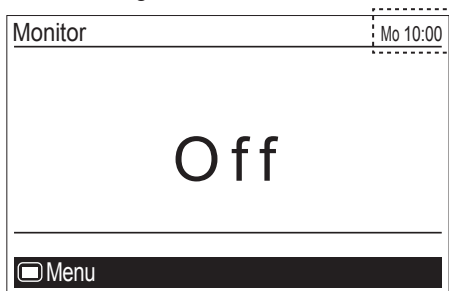
2-1-1. On/Off setting

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.

Monitor	Mo 10:00

Mode | Set temp. | Fan

26 °C

Cool | Auto

Operation will commence in a minute.

◻ Menu   Zone (single) →
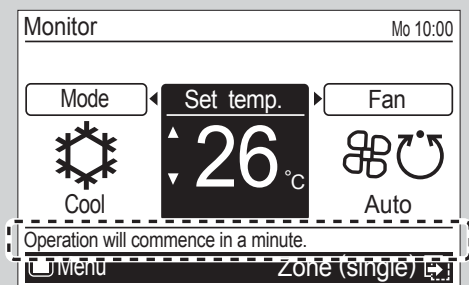
The message will go off when the operating preparation of the system is done.

2-1-2. Operation mode setting

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

Monitor	Mo 10:00

Mode ▶ Set temp. | Fan

▲
▼
Auto

26 °C

High

◻ Menu
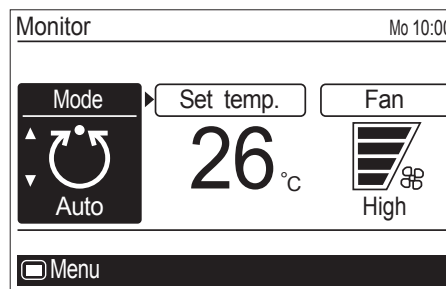
Operation mode marks

Auto	Cool	Dry	Fan	Heat

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)].
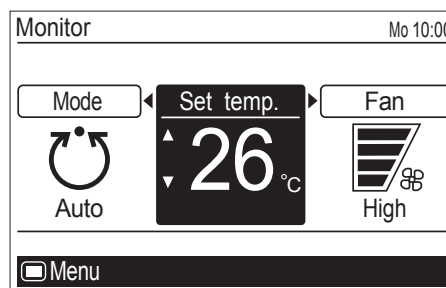
Monitor	Mo 10:00

Mode ◀ Set temp. ▶ Fan

Auto

▲
26 °C
▼

High

◻ Menu

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.

Restricted by the set temperature range restriction
◻ Menu

En-8
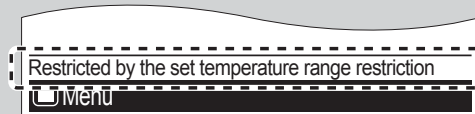
2-1-4. Fan speed setting

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

```
┌─────────────────────────────────────────┐
│ Monitor                         Mo 10:00 │
│                                          │
│  ┌────────┐  ┌──────────┐ ◄  ┌────────┐  │
│  │  Mode  │  │ Set temp.│     │   Fan  │  │
│                              ▲           │
│    ❄          26 ℃          ▼   ▤       │
│                                     ✿    │
│    Cool                        High      │
│                                          │
│  ▣ Menu                                  │
└─────────────────────────────────────────┘
```
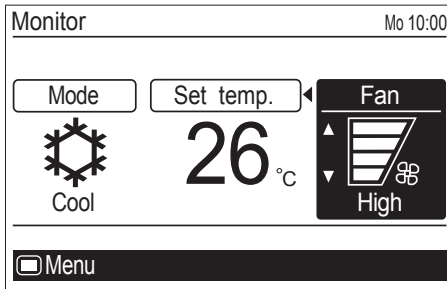
Fan speed marks

❁↺	▤✿	▨✿	▧✿
Auto	**High**	**Medium**	**Low**

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.

En-9

2-2. Setting items in Menu
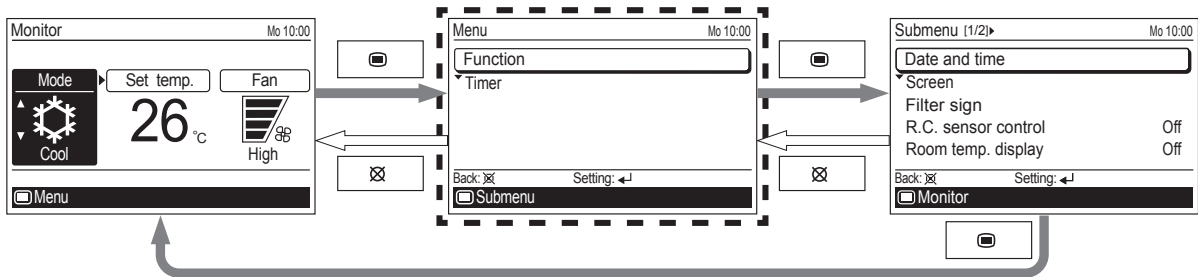
Following items can be adjusted in Menu.

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	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.
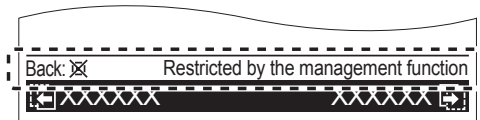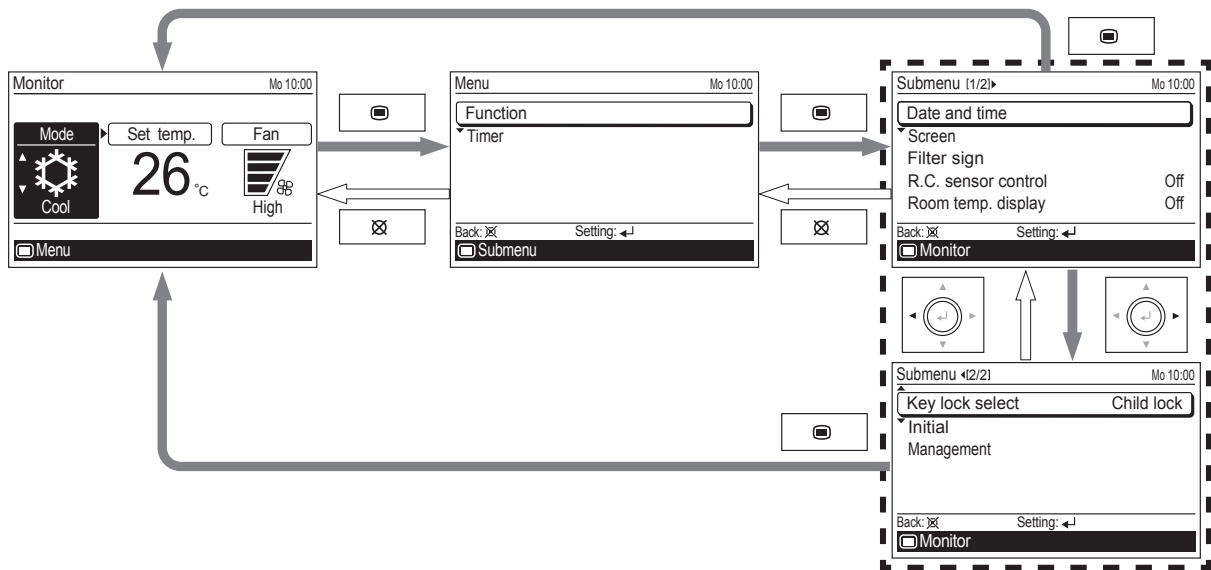
Following items can be adjusted in Submenu.

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.	29	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.

En-11

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].
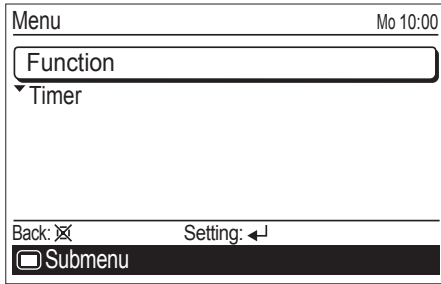
```
Menu                              Mo 10:00

  Function
▼Timer




Back: ⊠          Setting: ↵
          Submenu
```

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

```
Function                          Mo 10:00

  Air flow direction
▼Economy                              Off
  Set temp. auto return         Disable
  Set temp. range               Disable


Back: ⊠          Setting: ↵
                              Timer
```

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. Economy setting

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

```
Function                          Mo 10:00

▲Air flow direction
  Economy                             Off
▼Set temp. auto return          Disable
  Set temp. range               Disable


Back: ⊠          Setting: ↵
                              Timer
```
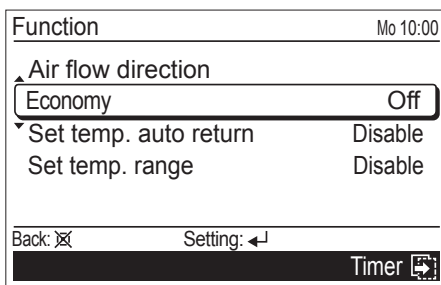
To change the setting, press the [Enter button].

2 Select [On] or [Off] by pressing the [Cursor button (Up/Down)], and press the [Enter button] to complete the setting.
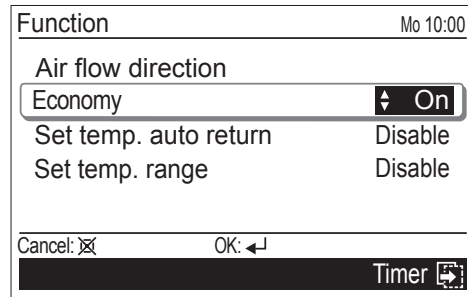
```
Function                          Mo 10:00

  Air flow direction
  Economy                      ↕   On
  Set temp. auto return         Disable
  Set temp. range               Disable


Cancel: ⊠              OK: ↵
                              Timer
```

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)].

```
Monitor                           Mo 10:00


  Economy

  ❄           26°C          ▦
  Cool                       High
              End: ↵
          Menu
```
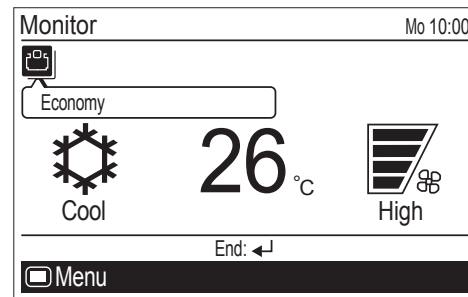
3-2-2. Set temp. auto return setting

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

```
Function                          Mo 10:00

  Air flow direction
▲Economy                             Off
  Set temp. auto return         Disable
▼Set temp. range               Disable


Back: ⊠          Setting: ↵
                              Timer
```

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

2 "Set temp. auto return" screen is displayed.
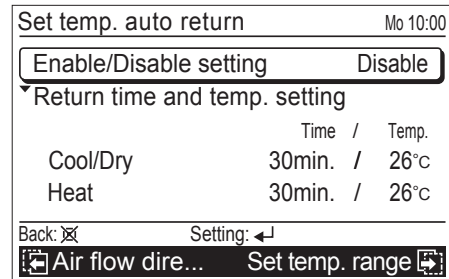
```
Set temp. auto return             Mo 10:00

  Enable/Disable setting        Disable
▼Return time and temp. setting
                          Time  /   Temp.
  Cool/Dry               30min. /  26°C
  Heat                   30min. /  26°C
Back: ⊠          Setting: ↵
    Air flow dire...   Set temp. range
```

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.

```
Set temp. auto return              Mo 10:00

 Enable/Disable setting        ◆  Enable
  Return time and temp. setting
                            Time  /   Temp.
   Cool/Dry                30min.  /   26°C
   Heat                    30min.  /   26°C

 Cancel: ✕         OK: ↵
  ◁ Air flow dire...    Set temp. range ▷
```

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].

```
Set temp. auto return              Mo 10:00

  Enable/Disable setting        Enable
  Return time and temp. setting
                            Time  /   Temp.
   Cool/Dry             ◆   30min. ▸/   26°C
   Heat                    30min.  /   26°C

 Cancel: ✕         OK: ↵
  ◁ Air flow dire...    Set temp. range ▷
```

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)].

```
Monitor                            Mo 10:00
 🅿

 Set temp. auto return: Remaining 30 minutes

  ❄          24°C           ▤
  Cool                      High
               End: ↵
 ▣ Menu
```

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

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

```
Function                           Mo 10:00

  Air flow direction
  Economy                        Off
 ▴Set temp. auto return          Disable
  Set temp. range                Disable


 Back: ✕            Setting: ↵
                               Timer ▷
```

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

2 "Set temp. range" screen is displayed.

```
Set temp. range                    Mo 10:00

 Enable/Disable setting        Disable
 ▾Temp. setting            Lower     Upper
   Cool/Dry                18°C  −  30°C
   Heat                    16°C  −  30°C
   Auto                    18°C  −  30°C

 Back: ✕            Setting: ↵
  ◁ Set temp. au...    Air flow dire... ▷
```

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.

```
Set temp. range                    Mo 10:00

 Enable/Disable setting        ◆  Enable
  Temp. setting             Lower     Upper
   Cool/Dry                18°C  −  30°C
   Heat                    16°C  −  30°C
   Auto                    18°C  −  30°C

 Cancel: ✕         OK: ↵
  ◁ Set temp. au...    Air flow dire... ▷
```

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].
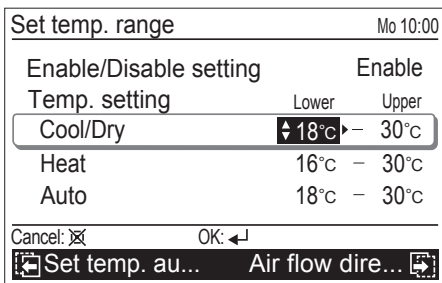
```
Set temp. range                          Mo 10:00

  Enable/Disable setting           Enable
  Temp. setting              Lower        Upper
   Cool/Dry                ⬍18°C ▸ −  30°C
   Heat                      16°C  −  30°C
   Auto                      18°C  −  30°C

 Cancel: ⌧            OK: ↵
  ⬅Set temp. au...    Air flow dire... ➡
```

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)].

```
Monitor                                  Mo 10:00
           ❄

        Set temp. range

     ❄      26 °C            ▤
    Cool                    High
              End: ↵
  ▣ Menu
```
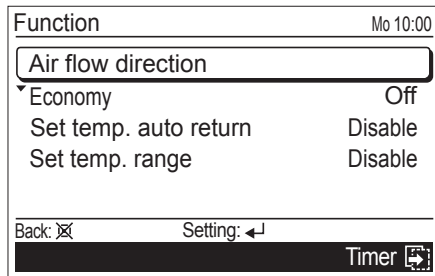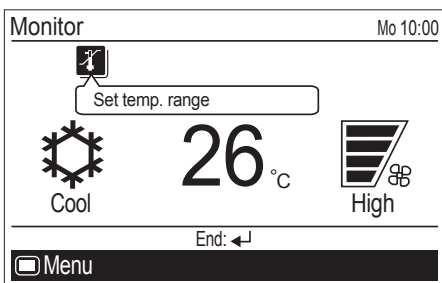
4. TIMER SETTING

4-1. Switching to the "Timer" screen

1

In "Menu" screen, select [Timer] with the [Cursor button (Up/Down)], and press the [Enter button].
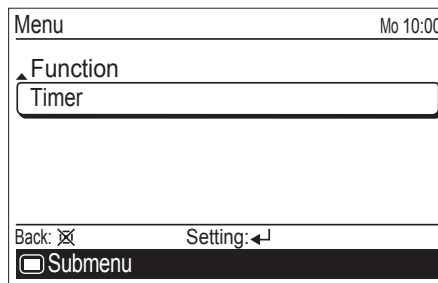
```
Menu                                     Mo 10:00

  ▲Function
   Timer




 Back: ⌧          Setting: ↵
  ▣Submenu
```

2

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

```
Timer                                    Mo 10:00

  On timer                         Disable
  ▼Off timer                       Disable
   Weekly timer                    Disable
   Auto-off timer                  Disable

 Back: ⌧          Setting: ↵
  ⬅Function
```
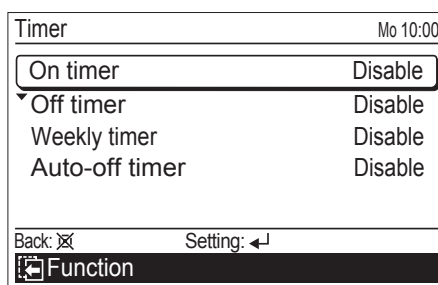
4-2. Timer setting items

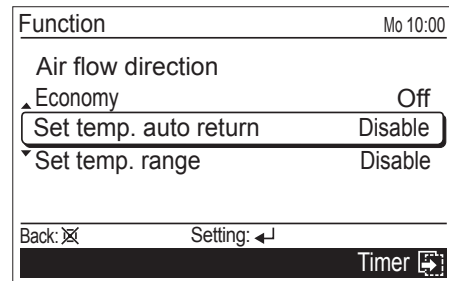#### 4-2-1. On timer setting

1

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

```
Timer                                    Mo 10:00

  On timer                         Disable
  ▼Off timer                       Disable
   Weekly timer                    Disable
   Auto-off timer                  Disable

 Back: ⌧          Setting: ↵
  ⬅Function
```

2

"On timer" screen is displayed.

```
On timer                                 Mo 10:00

  Enable/Disable setting           Disable
  ▼Time setting            0.5 hour later




 Back: ⌧          Setting: ↵
  ⬅Auto-off timer         Off timer ➡
```

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.

```
On timer                        Mo 10:00

  Enable/Disable setting      ⬍  Enable
  Time setting              0.5 hour later




Cancel: ✕           OK: ↵
⟦⟧Auto-off timer           Off timer ⟧
```

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

```
On timer                        Mo 10:00

  Enable/Disable setting          Enable
  Time setting          ⬍ 6.0 hour later




Cancel: ✕           OK: ↵
⟦⟧Auto-off timer           Off timer ⟧
```

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)].

```
Monitor                         Mo 10:00
                  ⊕

  On timer: Remaining  6.0 hour

            Off

                 End: ↵
▣Menu
```

4-2-2. Off timer setting

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

```
Timer                           Mo 10:00

▲ On timer                       Disable
  Off timer                      Disable
▼ Weekly timer                   Disable
  Auto-off timer                 Disable


Back: ✕           Setting: ↵
⟦⟧Function
```

2 "Off timer" screen is displayed.

```
Off timer                       Mo 10:00

  Enable/Disable setting         Disable
▼ Time setting           1.0 hour later




Back: ✕           Setting: ↵
⟦⟧On timer          Weekly timer ⟧
```

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.

```
Off timer                       Mo 10:00

  Enable/Disable setting      ⬍  Enable
  Time setting            1.0 hour later




Cancel: ✕           OK: ↵
⟦⟧On timer          Weekly timer ⟧
```

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

```
Off timer                       Mo 10:00

  Enable/Disable setting          Enable
  Time setting          ⬍ 1.0 hour later




Cancel: ✕           OK: ↵
⟦⟧On timer          Weekly timer ⟧
```

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)].

```
Monitor                         Mo 10:00
                  ⊕

  Off timer: Remaining  1.0 hour

  ❄         26 °C        ▦
  Cool                   High
                 End: ↵
▣Menu
```

4-2-3. Weekly timer setting

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

```
Timer                          Mo 10:00

 On timer                      Disable
 Off timer                     Disable
 Weekly timer                  Disable
 Auto-off timer                Disable


Back: ⌧           Setting: ↵
 Function
```

2 "Weekly timer" screen is displayed.

```
Weekly  timer                  Mo 10:00

 Weekly timer select           Disable
 Day off
  Su   Mo   Tu   We   Th   Fr   Sa

 Weekly timer setting
Back: ⌧           Setting: ↵
 Off timer          Auto-off timer
```

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].

```
Weekly  timer                  Mo 10:00

 Weekly timer select           Disable
 Day off
  Su   Mo   Tu   We   Th   Fr   Sa

 Weekly timer setting
Back: ⌧           Setting: ↵
 Off timer          Auto-off timer
```

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

```
Weekly  timer                  Mo 10:00

 Weekly timer select      ↕ Weekly 1
 Day off
  Su   Mo   Tu   We   Th   Fr   Sa

 Weekly timer setting
Cancel: ⌧         OK: ↵
 Off timer          Auto-off timer
```

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].

```
Weekly  timer                  Mo 10:00

 Weekly timer select          Weekly 1
 Day off
  Su   Mo   Tu   We   Th   Fr   Sa

 Weekly timer setting
Back: ⌧           Setting: ↵
 Off timer          Auto-off timer
```

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].

```
Weekly  timer                  Mo 10:00

 Weekly timer select          Weekly 1
 Day off
  Su   Mo   Tu   We   Th   Fr   Sa
  ✓
 Weekly timer setting
Cancel: ⌧         OK: ↵
 Off timer          Auto-off timer
```

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].

```
Weekly  timer                  Mo 10:00

 Weekly timer select          Weekly 1
 Day off
  Su   Mo   Tu   We   Th   Fr   Sa
  ✓
 Weekly timer setting
Back: ⌧           Setting: ↵
 Off timer          Auto-off timer
```

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

```
Weekly timer setting                Mo 10:00
┌─────────┬────┬────┬────┬────┬────┬────┐
│Weekly 1 │ Su │ Mo │ Tu │ We │ Th │ Fr │ Sa
├─────────┤                             │
│  Day    │ 1   --:--      ---          │
├─────────┤ 2   --:--      ---          │
│  Time   │ 3   --:--      ---          │
├─────────┤ 4   --:--      ---          │
│  End    │                             │
├─────────┴─────────────────────────────┤
│Back: ✖        Setting: ↵              │
│                          Time 5-8 ⇨   │
└───────────────────────────────────────┘
```
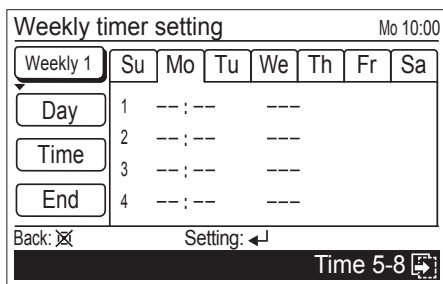
Note

"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.
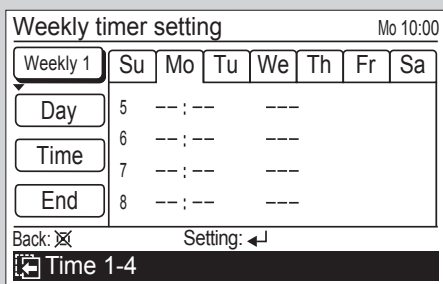
```
Weekly timer setting                Mo 10:00
┌─────────┬────┬────┬────┬────┬────┬────┐
│Weekly 1 │ Su │ Mo │ Tu │ We │ Th │ Fr │ Sa
├─────────┤                             │
│  Day    │ 5   --:--      ---          │
├─────────┤ 6   --:--      ---          │
│  Time   │ 7   --:--      ---          │
├─────────┤ 8   --:--      ---          │
│  End    │                             │
├─────────┴─────────────────────────────┤
│Back: ✖        Setting: ↵              │
│  ⇦ Time 1-4                           │
└───────────────────────────────────────┘
```

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

```
Weekly timer setting                Mo 10:00
┌─────────┬────┬────┬────┬────┬────┬────┐
│⇕Weekly 1│ Su │ Mo │ Tu │ We │ Th │ Fr │ Sa
├─────────┤                             │
│  Day    │ 1   --:--      ---          │
├─────────┤ 2   --:--      ---          │
│  Time   │ 3   --:--      ---          │
├─────────┤ 4   --:--      ---          │
│  End    │                             │
├─────────┴─────────────────────────────┤
│Cancel: ✖        OK: ↵                 │
│                          Time 5-8 ⇨   │
└───────────────────────────────────────┘
```

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

```
Weekly timer setting                Mo 10:00
┌─────────┬────┬────┬────┬────┬────┬────┐
│Weekly 1 │ Su │ Mo │ Tu │ We │ Th │ Fr │ Sa
├─────────┤                             │
│  Day    │ 1   --:--      ---          │
├─────────┤ 2   --:--      ---          │
│  Time   │ 3   --:--      ---          │
├─────────┤ 4   --:--      ---          │
│  End    │                             │
├─────────┴─────────────────────────────┤
│Back: ✖        Setting: ↵              │
│                          Time 5-8 ⇨   │
└───────────────────────────────────────┘
```

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

```
Weekly timer setting                Mo 10:00
┌─────────┬────┬────┬────┬────┬────┬────┐
│Weekly 1 │ Su │⇕Mo │ Tu │ We │ Th │ Fr │ Sa
├─────────┤                             │
│  Day    │ 1   --:--      ---          │
├─────────┤ 2   --:--      ---          │
│  Time   │ 3   --:--      ---          │
├─────────┤ 4   --:--      ---          │
│  End    │                             │
├─────────┴─────────────────────────────┤
│Cancel: ✖        OK: ↵                 │
│                          Time 5-8 ⇨   │
└───────────────────────────────────────┘
```

(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.

```
Weekly timer setting                Mo 10:00
┌─────────┬────┬────┬────┬────┬────┬────┐
│Weekly 1 │⇕Su │ Mo │ Tu │ We │ Th │ Fr │ Sa
├─────────┤                             │
│  Day    │ 1   --:--      ---          │
├─────────┤ 2   --:--      ---          │
│  Time   │ 3   --:--      ---          │
├─────────┤ 4   --:--      ---          │
│  End    │                             │
├─────────┴─────────────────────────────┤
│Cancel: ✖        OK: ↵                 │
│                          Time 5-8 ⇨   │
└───────────────────────────────────────┘
```

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

```
Weekly timer setting                Mo 10:00
┌─────────┬────┬────┐
│Weekly 1 │ Su │ Mo │
├─────────┤            │
│  Day    │ 1   --:--      ---          │
├─────────┤ 2   --:--      ---          │
│  Time   │ 3   --:--      ---          │
├─────────┤ 4   --:--      ---          │
│  End    │                             │
├─────────┴─────────────────────────────┤
│Back: ✖        Setting: ↵              │
│                          Time 5-8 ⇨   │
└───────────────────────────────────────┘
```
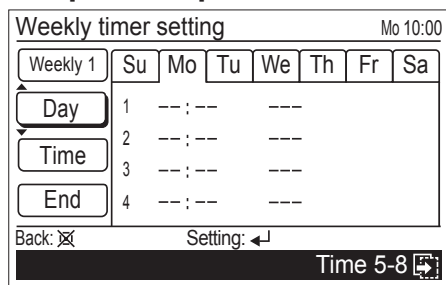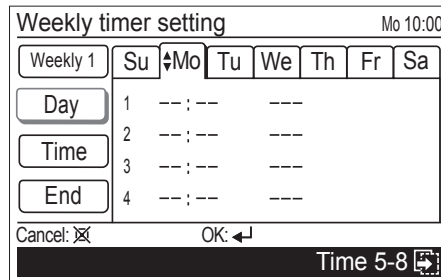
If you press the [Cancel button] here, the selection of the day will be canceled.

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].

```
Weekly timer setting                Mo 10:00
┌─────────┬────┬────┐
│Weekly 1 │ Su │ Mo │
├─────────┤            │
│  Day    │ 1   --:--      ---          │
├─────────┤ 2   --:--      ---          │
│  Time   │ 3   --:--      ---          │
├─────────┤ 4   --:--      ---          │
│  End    │                             │
├─────────┴─────────────────────────────┤
│Back: ✖        Setting: ↵              │
│                          Time 5-8 ⇨   │
└───────────────────────────────────────┘
```

En-17

(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.

Weekly timer setting | Mo 10:00

Weekly 1 | Su | Mo

Day
Time
End

1 ▶ ——:—— | ———
2 ——:—— | ———
3 ——:—— | ———
4 ——:—— | ———

Delete:Push ⊠ for two seconds | OK: ↵
Time 5-8 ➡

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)].

Weekly timer setting | Mo 10:00

Weekly 1 | Su | Mo

Day
Time
End

1 ◀ 5 ▶ 00 | ———
2 ——:—— | ———
3 ——:—— | ———
4 ——:—— | ———

Cancel: ⊠ | OK: ↵
Time 5-8 ➡

(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).

Weekly timer setting | Mo 10:00

Weekly 1 | Su | Mo

Day
Time
End

1 5:00 ◀ On ▶ ———
2 ——:—— | ———
3 ——:—— | ———
4 ——:—— | ———

Cancel: ⊠ | OK: ↵
Time 5-8 ➡

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

Weekly timer setting | Mo 10:00

Weekly 1 | Su | Mo

Day
Time
End

1 5:00 On ◀ Heat ▶ ——℃
2 ——:—— | ———
3 ——:—— | ———
4 ——:—— | ———

Cancel: ⊠ | OK: ↵
Time 5-8 ➡

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

Weekly timer setting | Mo 10:00

Weekly 1 | Su | Mo

Day
Time
End

1 5:00 On Heat ◀ 20℃
2 ——:—— | ———
3 ——:—— | ———
4 ——:—— | ———

Cancel: ⊠ | OK: ↵
Time 5-8 ➡

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].

Weekly timer setting | Mo 10:00

Weekly 1 | Su | Mo

Day
Time
End

1 5:00 On Heat 20℃
2 10:00 Off
3 17:00 On Heat 23℃
4 ——:—— | ———

Back: ⊠ | Setting: ↵
Time 5-8 ➡

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

Setting change will be canceled. OK?

No ▶ Yes

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].

En-18

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)].

Monitor	Mo 10:00

Weekly timer : Weekly 1

❄ 26 °C ▤

Cool   High

End: ↵

■ Menu

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].

Weekly timer	Mo 10:00

Weekly timer select   Weekly 1

Day off

Su	Mo	Tu	We	Th	Fr	Sa
✓						

Weekly timer setting

Back: ⌧   Setting: ↵

◀ Off timer   Auto-off timer ▶

2. "Weekly timer setting" screen (Time1) opens.

Weekly timer setting	Mo 10:00

Weekly 1

Su	Mo	Tu	We	Th	Fr	Sa

Day   — — : — —   — — —

Time   1

End

Back: ⌧   Setting: ↵

◀ Time 8   Time 2 ▶

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

Weekly timer setting	Mo 10:00

Weekly 1

Su	Mo	Tu	We	Th	Fr	Sa

Day   — — : — —   — — —

Time   1

End

Cancel: ⌧   OK: ↵

◀ Time 8   Time 2 ▶

4. Select applicable days of the week as follows:

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

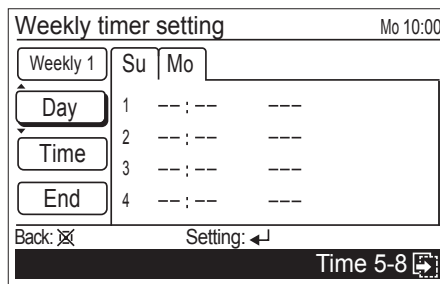| Weekly timer setting	Mo 10:00

Weekly 1

Su	Mo	Tu	We	Th	Fr	Sa

Day   — — : — —   — — —

Time   1

End

Back: ⌧   Setting: ↵

◀ Time 8   Time 2 ▶

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

Weekly timer setting	Mo 10:00

Weekly 1

Su	Mo	Tu	We	Th	Fr	Sa

Day   — — : — —   — — —

Time   1

End

Cancel: ⌧   OK: ↵

◀ Time 8   Time 2 ▶

(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.
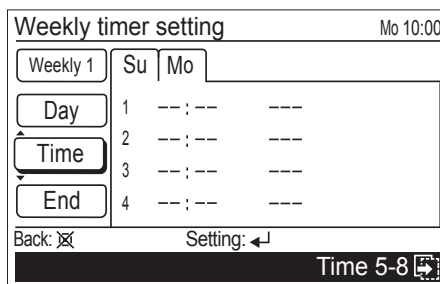
```
Weekly timer setting               Mo 10:00
┌────────┐ ┌──┬──┬──┬──┬──┬──┬──┐
│ Weekly │ │Su│Mo│Tu│We│Th│Fr│Sa│
│   1    │ └──┴──┴──┴──┴──┴──┴──┘
├────────┤     ── ̣ ──      ───
│  Day   │
├────────┤  1
│  Time  │
├────────┤
│  End   │
└────────┘
Cancel: ⌧              OK: ↵
⬅ Time 8                    Time 2 ➡
```

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

```
Weekly timer setting               Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┴──┘
├────────┤     ── ̣ ──      ───
│  Day   │
├────────┤  1
│  Time  │
├────────┤
│  End   │
└────────┘
Back: ⌧              Setting: ↵
⬅ Time 8                    Time 2 ➡
```

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].

```
Weekly timer setting               Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┴──┘
├────────┤     ── ̣ ──      ───
│  Day   │
├────────┤  1
│  Time  │
├────────┤
│  End   │
└────────┘
Back: ⌧              Setting: ↵
⬅ Time 8                    Time 2 ➡
```
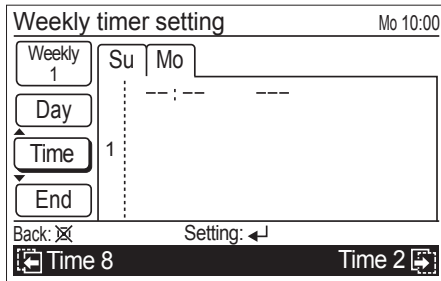
(2) Select the pattern number with the [Cursor button (Up/Down)]. Then press the [Cursor button (Right)] to set the time setting of On/Off timer, On/Off, operating mode, and temperature for the current selected pattern.
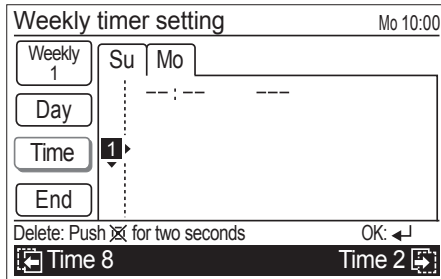
```
Weekly timer setting               Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┴──┘
├────────┤     ── ̣ ──      ───
│  Day   │
├────────┤  1 ►
│  Time  │
├────────┤
│  End   │
└────────┘
Delete: Push ⌧ for two seconds      OK: ↵
⬅ Time 8                    Time 2 ➡
```

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

```
Weekly timer setting               Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┴──┘
├────────┤     ⬍ 5 ▸00      ───
│  Day   │
├────────┤  1
│  Time  │
├────────┤
│  End   │
└────────┘
Cancel: ⌧              OK: ↵
⬅ Time 8                    Time 2 ➡
```

(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**.
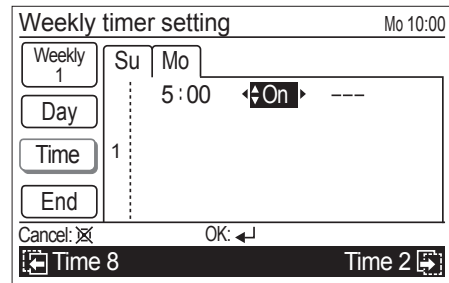
```
Weekly timer setting               Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┴──┘
├────────┤     5 ̣ 00   ◂⬍On▸   ───
│  Day   │
├────────┤  1
│  Time  │
├────────┤
│  End   │
└────────┘
Cancel: ⌧              OK: ↵
⬅ Time 8                    Time 2 ➡
```

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

```
Weekly timer setting               Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┴──┘
├────────┤     5 ̣ 00   On ◂⬍Heat▸ ──°c
│  Day   │
├────────┤  1
│  Time  │
├────────┤
│  End   │
└────────┘
Cancel: ⌧              OK: ↵
⬅ Time 8                    Time 2 ➡
```

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

```
Weekly timer setting               Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┴──┘
├────────┤     5 ̣ 00   On  Heat ◂⬍20°c
│  Day   │       ▸──
├────────┤  1
│  Time  │
├────────┤
│  End   │
└────────┘
Cancel: ⌧              OK: ↵
⬅ Time 8                    Time 2 ➡
```
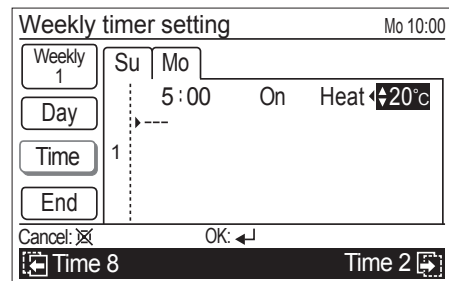
Notes

• 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.

```
Weekly timer setting                    Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┤  │
├────────┤    │   5 : 00    On   Heat   20°C◄
│  Day   │    │ ⬍Zone (single) ▶Sensor: ---
├────────┤  1 │
│  Time  │    │
├────────┤    │
│  End   │    │
└────────┘
Cancel: ⊠           OK: ↵
⬅ Time 8                          Time 2 ➡
```

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.

```
Weekly timer setting                    Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┤  │
├────────┤    │   5 : 00    On   Heat   20°C
│  Day   │    │ Zone (single) ◄Sensor⬍Secondary RC
├────────┤    │        Zone 1✔        Zone 2✔
│  Time  │  1 │▶       Zone 3✔        Zone 4✔
├────────┤    │        Zone 5✔        Zone 6✔
│  End   │    │        Zone 7✔        Zone 8✔
└────────┘
Cancel: ⊠           OK: ↵
⬅ Time 8                          Time 2 ➡
```
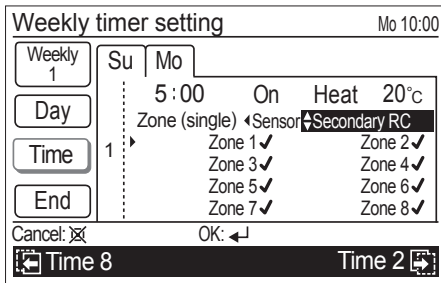
Select applicable zone name with the [Cursor button (Left/Right)], and press the [Cursor button (Up/Down)] to mark a check.
    Check-marked: The zone is air-conditioned.
    Blank: The zone is not air-conditioned.

```
Weekly timer setting                    Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┤  │
├────────┤    │   5 : 00    On   Heat   20°C
│  Day   │    │ Zone (single)  Sensor: Secondary RC   ◄
├────────┤    │        Zone 1⬍✔▶      Zone 2✔
│  Time  │  1 │        Zone 3✔        Zone 4✔
├────────┤    │        Zone 5✔        Zone 6✔
│  End   │    │        Zone 7✔        Zone 8✔
└────────┘
Cancel: ⊠           OK: ↵
⬅ Time 8                          Time 2 ➡
```
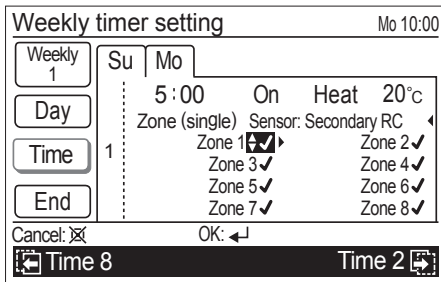
After you select all the applicable zones, press the [Enter button] to complete the individual setting of zone control.

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

```
One zone must be open at all times.
⬅ XXXXXX              XXXXXX ➡
```

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.

```
Weekly timer setting                    Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┤  │
├────────┤    │   5 : 00    On   Heat   20°C◄
│  Day   │    │ ⬍Zone (group) ▶
├────────┤  1 │                          ---
│  Time  │    │
├────────┤    │
│  End   │    │
└────────┘
Cancel: ⊠           OK: ↵
⬅ Time 8                          Time 2 ➡
```
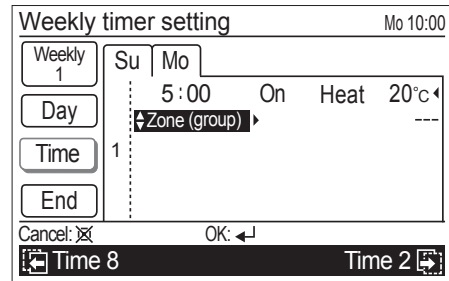
Select the applicable group with the [Cursor button (Up/Down)].

```
Weekly timer setting                    Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┤  │
├────────┤    │   5 : 00    On   Heat   20°C
│  Day   │    │ Zone (group)       ◄⬍      Day
├────────┤  1 │
│  Time  │    │
├────────┤    │
│  End   │    │
└────────┘
Cancel: ⊠           OK: ↵
⬅ Time 8                          Time 2 ➡
```
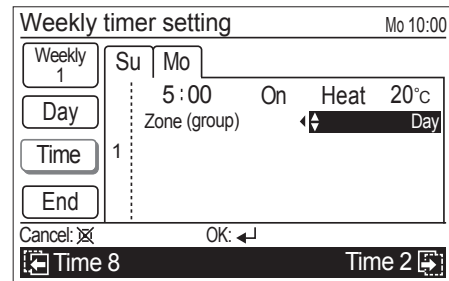
To complete the simultaneous setting of zone control, press the [Enter button].

```
Weekly timer setting                    Mo 10:00
┌────────┐ ┌──┬──┐
│ Weekly │ │Su│Mo│
│   1    │ └──┤  │
├────────┤    │   5 : 00    On   Heat   20°C
│  Day   │  ▲ │ Zone (group)               Day
├────────┤  1 │
│  Time  │  ▼ │
├────────┤    │
│  End   │    │
└────────┘
Back: ⊠            Setting: ↵
⬅ Time 8                          Time 2 ➡
```
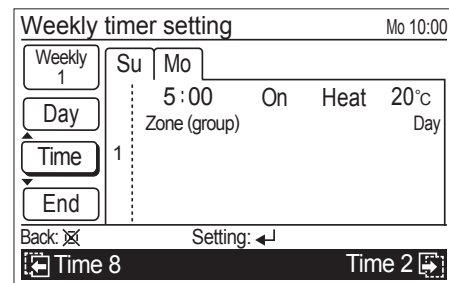
(8) When setting the other days of the week continually, perform procedures in step **4** and **5**.

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

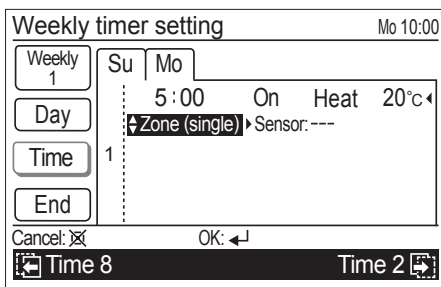**Example:** Weekly timer setting screen for Zone (single)

```
Weekly timer setting              Mo 10:00
┌──────┐ Su │ Mo
│Weekly│
│  1   │      5 : 00     On    Heat   20°C
├──────┤   Zone (single)  Sensor: Secondary RC
│ Day  │              Zone 1✓         Zone 2✓
├──────┤ 1            Zone 3✓         Zone 4
│ Time │              Zone 5          Zone 6
├──────┤              Zone 7✓         Zone 8
│ End  │
└──────┘
Back: ⊠              Setting: ↵
 ⟵ Time 8                      Time 2 ⟶
```

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

```
┌──────────────────────────────────────┐
│                                      │
│   Setting change will be canceled. OK?│
│                                      │
│                                      │
│    ┌──────────┐  ▸ ┌──────────┐       │
│    │   No     │    │   Yes    │       │
│    └──────────┘    └──────────┘       │
│                                      │
└──────────────────────────────────────┘
```

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)].

```
Monitor                           Mo 10:00
                          ⊕🗓
  ┌────────────────────────┐
  │ Weekly timer : Weekly 1 │
  └────────────────────────┘
     ❄      26°C       ≡▚
    Cool                    High
                 End: ↵
  ☐ Menu              Zone (single) ⟶
```

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].

```
Timer                             Mo 10:00

  On timer                  Disable
  Off timer                 Disable
 ▲Weekly timer              Disable
 ┌────────────────────────────────────┐
 │ Auto-off timer            Disable  │
 └────────────────────────────────────┘

Back: ⊠            Setting: ↵
 ⟵ Function
```

2 "Auto-off timer" screen is displayed.

```
Auto-off timer                    Mo 10:00
 ┌────────────────────────────────────┐
 │ Enable/Disable setting    Disable  │
 └────────────────────────────────────┘
 ▼Stop in                     30min.
                        Start      End
  Valid hour           0:00  –  0:00

Back: ⊠            Setting: ↵
 ⟵ Weekly timer            On timer ⟶
```

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.

```
Auto-off timer                    Mo 10:00
 ┌────────────────────────────────────┐
 │ Enable/Disable setting   ⇕ Enable  │
 └────────────────────────────────────┘
  Stop in                     30min.
                        Start      End
  Valid hour           0:00  –  0:00

Cancel: ⊠          OK: ↵
 ⟵ Weekly timer            On timer ⟶
```

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

```
Auto-off timer                    Mo 10:00

  Enable/Disable setting      Enable
 ┌────────────────────────────────────┐
 │ Stop in                ⇕ 120 min.  │
 └────────────────────────────────────┘
                        Start      End
  Valid hour           0:00  –  0:00

Cancel: ⊠          OK: ↵
 ⟵ Weekly timer            On timer ⟶
```

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].

```
Auto-off timer                          Mo 10:00

  Enable/Disable setting          Enable
  Stop in                       120 min.
                              Start       End
  Valid hour              ⬍ 6▸00 –   0:00

Cancel: ⌧          OK: ↵
  Weekly timer                    On timer ⮕
```
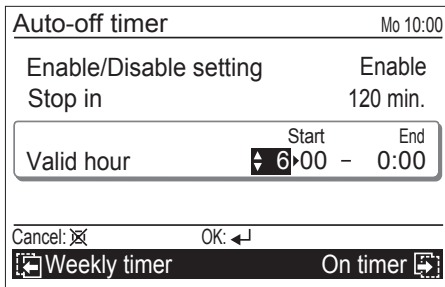
Notes

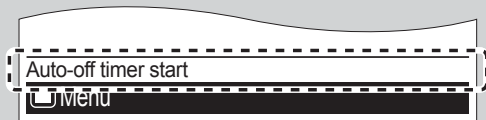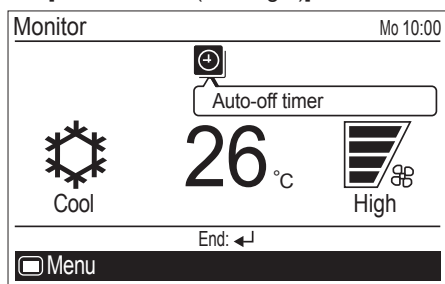• Counting down of the Auto-off timer is valid only if the air conditioning operation has been started with the [On/Off button] of this remote controller. When Auto-off timer become active, following message is displayed on the screen.

```
Auto-off timer start
  Menu
```

• 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)].

```
Monitor                            Mo 10:00
                    ⊕
                 Auto-off timer

  ❄             26 ℃            ▤
  Cool                          High
                   End: ↵
  Menu
```

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

```
Monitor                            Mo 10:00
                    ⊕
                 Auto-off timer
```
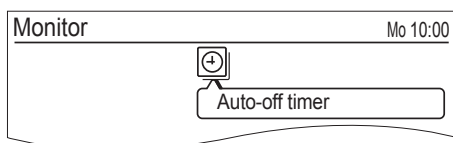
Displayed icon color and the message differs by the condition as follows:

• 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.

```
Monitor                            Mo 10:00
                    ⊕
  Auto-off timer: Remaining 120 minutes

  ❄             26 ℃            ▤
  Cool                          High
                   End: ↵
  Menu
```

En-23
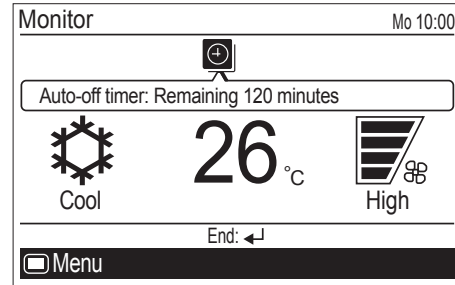
5. SUBMENU SETTING

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.)

```
Submenu [1/2]▶                    Mo 10:00

 Date and time
▾Screen
 Filter sign
 R.C. sensor control              Off
 Room temp. display              Off

Back: ⌧            Setting: ↵
 ◼Monitor
```
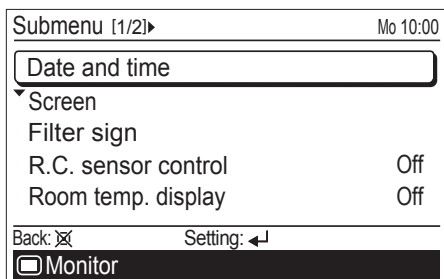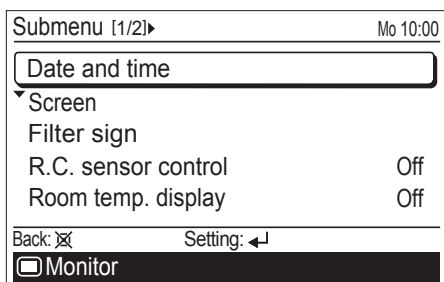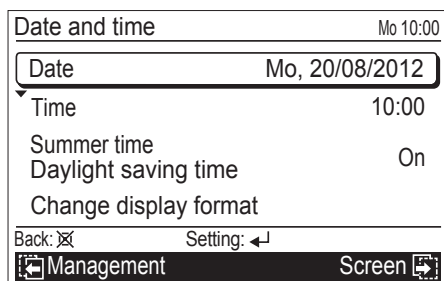
5-2. Date/Time setting

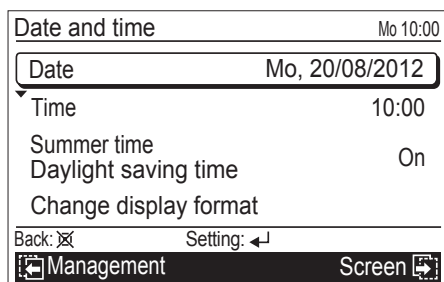In "Submenu" screen, select [Date and time] with the [Cursor button (Up/Down)], and press the [Enter button].

```
Submenu [1/2]▶                    Mo 10:00

 Date and time
▾Screen
 Filter sign
 R.C. sensor control              Off
 Room temp. display              Off

Back: ⌧            Setting: ↵
 ◼Monitor
```

"Date and time" screen is displayed.

```
Date and time                     Mo 10:00

 Date              Mo, 20/08/2012
▾Time                            10:00
 Summer time
 Daylight saving time             On
 Change display format

Back: ⌧            Setting: ↵
 ⌨Management              Screen ⏭
```

5-2-1. Date setting

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

```
Date and time                     Mo 10:00

 Date              Mo, 20/08/2012
▾Time                            10:00
 Summer time
 Daylight saving time             On
 Change display format

Back: ⌧            Setting: ↵
 ⌨Management              Screen ⏭
```

2 "Date" screen is displayed.

```
Date                              Mo 10:00


        Day      Month    Year
       ⬍20 ▸/    08  /   2012
        Monday

Cancel: ⌧          OK: ↵
 ⌨Change display format    Time ⏭
```

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**
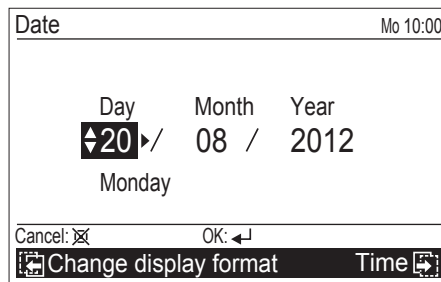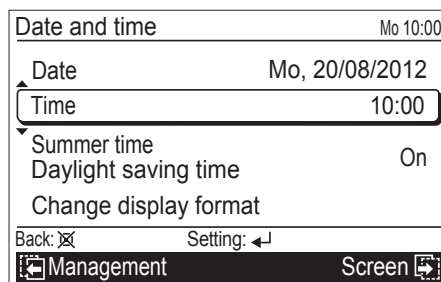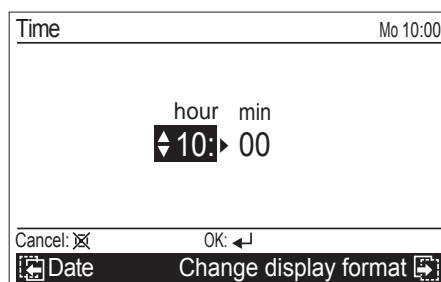> Display format of date depends on the setting. Refer to "5-2-4. Change display format setting".

5-2-2. Time setting

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

```
Date and time                     Mo 10:00

▴Date              Mo, 20/08/2012
 Time                            10:00
▾Summer time
 Daylight saving time             On
 Change display format

Back: ⌧            Setting: ↵
 ⌨Management              Screen ⏭
```

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.

```
Time                              Mo 10:00


        hour   min
       ⬍10: ▸ 00



Cancel: ⌧          OK: ↵
 ⌨Date        Change display format ⏭
```

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].

```
Date and time                    Su 10:00

  Date                   Su, 31/03/2013
  Time                            10:00
  Summer time
  Daylight saving time             Off
  Change display format
Back: ⊠          Setting: ↵
  ⬅ Management              Screen ➡
```

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

```
Date and time                    Su 10:00

  Date                   Su, 31/03/2013
  Time                            10:00
  Summer time
  Daylight saving time        ⬍  On
  Change display format
Cancel: ⊠        OK: ↵
  ⬅ Management              Screen ➡
```

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].

```
Date and time                    Mo 10:00

  Date                   Mo, 20/08/2012
  Time                            10:00
  Summer time
  Daylight saving time             On
  Change display format
Back: ⊠          Setting: ↵
  ⬅ Management              Screen ➡
```

2 "Change display format" screen is displayed. Select the setting items (Date format or Time format) with the [Cursor button (Left/Right)] and set with the [Cursor button (Up/Down)].
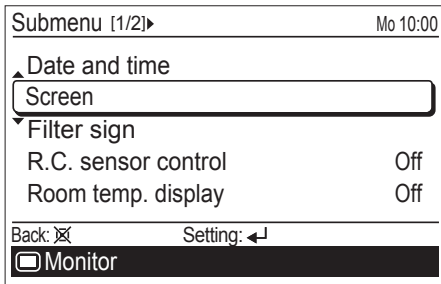
```
Change display format            Mo 10:00
  Date format    ▸  Time format
  ▲
  Day/Month/Year       0:00–23:59
  ▼
Cancel: ⊠            OK: ↵
  ⬅ Time                    Date ➡
```

Available display formats are as follows:

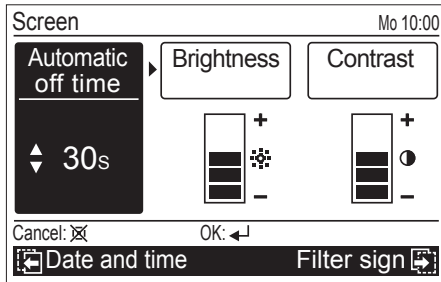| **Date format:**	**Time format:**
• Day/Month/Year	• 0:00-23:59
• Month/Day/Year	• 0:00-11:59 AM/PM
• Year/Month/Day	• 12:00-11:59 AM/PM

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].
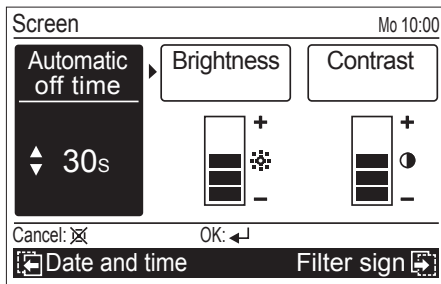


```
Submenu  [1/2]▶                    Mo 10:00
 ▲ Date and time
   Screen
 ▼ Filter sign
   R.C. sensor control           Off
   Room temp. display            Off
Back: ⊠            Setting: ↵
  ▢ Monitor
```

"Screen" screen is displayed.


```
Screen                            Mo 10:00
 ┌──────────┐ ┌──────────┐ ┌──────────┐
 │Automatic │▶│Brightness│ │ Contrast │
 │off time  │ └──────────┘ └──────────┘
 │          │      +            +
 │  ⬍ 30s   │     ☀            ◑
 │          │      –            –
Cancel: ⊠          OK: ↵
 ⬅Date and time        Filter sign ➡
```

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)].


```
Screen                            Mo 10:00
 ┌──────────┐ ┌──────────┐ ┌──────────┐
 │Automatic │▶│Brightness│ │ Contrast │
 │off time  │ └──────────┘ └──────────┘
 │          │      +            +
 │  ⬍ 30s   │     ☀            ◑
 │          │      –            –
Cancel: ⊠          OK: ↵
 ⬅Date and time        Filter sign ➡
```

Configurable values of [Automatic off time] are as follows:
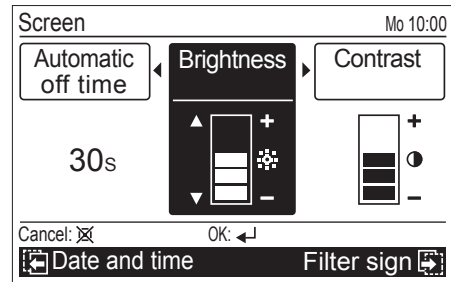- 30s
- 60s
- Off (No illumination)

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)].


```
Screen                            Mo 10:00
 ┌──────────┐ ┌──────────┐ ┌──────────┐
 │Automatic │◀│Brightness│▶│ Contrast │
 │off time  │ │          │ └──────────┘
 │          │ ▲    +            +
 │   30s    │ │    ☀            ◑
 │          │ ▼    –            –
Cancel: ⊠          OK: ↵
 ⬅Date and time        Filter sign ➡
```
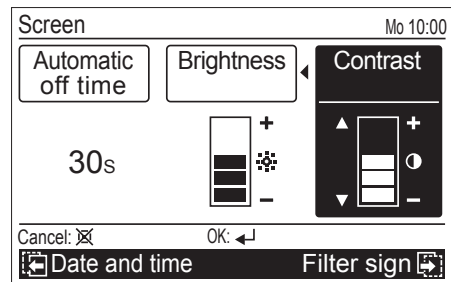
Notes
- The set is reflected while setting it.
- When the automatic off time setting is set in "Off", Brightness setting is not displayed (It is not possible to set it).

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)].


```
Screen                            Mo 10:00
 ┌──────────┐ ┌──────────┐ ┌──────────┐
 │Automatic │ │Brightness│◀│ Contrast │
 │off time  │ └──────────┘ │          │
 │          │      +       ▲    +
 │   30s    │     ☀        │    ◑
 │          │      –       ▼    –
Cancel: ⊠          OK: ↵
 ⬅Date and time        Filter sign ➡
```

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].
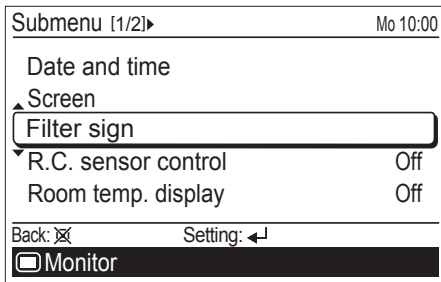
Screen returns to the "Submenu" screen.

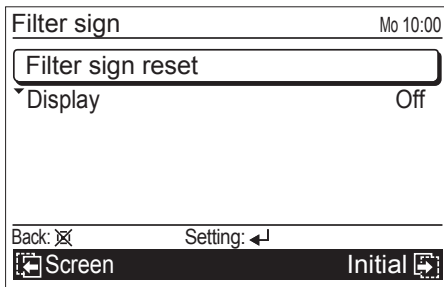## 5-4. Filter sign setting

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].

```
Submenu [1/2]▶                        Mo 10:00

  Date and time
 ▴Screen
  Filter sign
 ▾R.C. sensor control              Off
  Room temp. display               Off

Back: ⊠            Setting: ↵
  ▣ Monitor
```

"Filter sign" screen is displayed.

```
Filter sign                           Mo 10:00

  Filter sign reset
 ▾Display                           Off




Back: ⊠            Setting: ↵
  ⬅ Screen                    Initial ➡
```
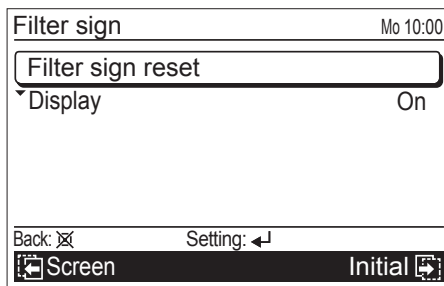
5-4-1. Filter sign reset setting

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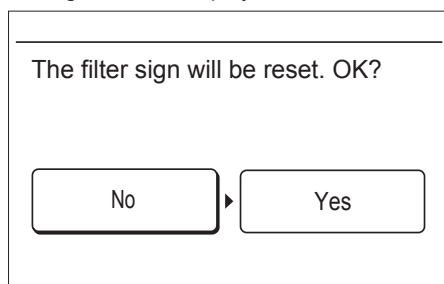
Note
Before resetting the filter sign on this remote controller, clean the air filter on the relevant indoor unit by referring the operating manual.

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

```
Filter sign                           Mo 10:00

  Filter sign reset
 ▴Display                           On




Back: ⊠            Setting: ↵
  ⬅ Screen                    Initial ➡
```

Following screen is displayed.

```

   The filter sign will be reset. OK?




       No     ▶      Yes


```

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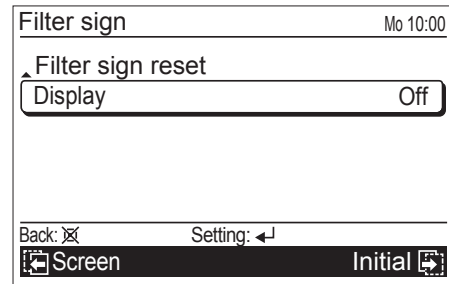When [Yes] is selected, the filter sign icon on the display is turned off.

5-4-2. Display setting

You can select [On] (display) or [Off] (non-display) for the filter sign icon indication.
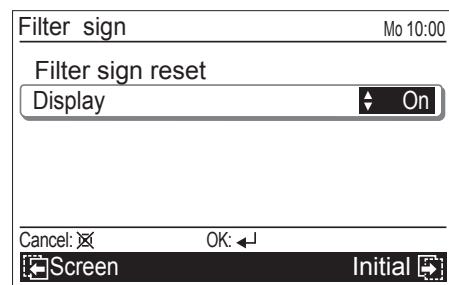
Note
When you set this setting to [Off], the filter sign icon will not be displayed regardless of the necessity of filter cleaning on the indoor unit.

1 In the "Filter sign" screen, select [Display] with the [Cursor button (Up/Down)], and press the [Enter button]. Following screen is displayed.
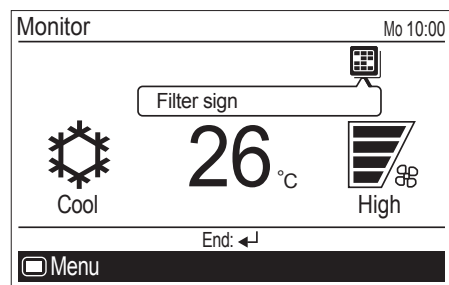
```
Filter sign                           Mo 10:00

 ▴Filter sign reset
  Display                           Off




Back: ⊠            Setting: ↵
  ⬅ Screen                    Initial ➡
```

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

```
Filter  sign                          Mo 10:00

  Filter sign reset
  Display                      ↕   On




Cancel: ⊠           OK: ↵
  ⬅ Screen                    Initial ➡
```

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)].

```
Monitor                               Mo 10:00
                                   ▦
                        Filter sign

  ❄        26℃          ⬙
  Cool                      High
                  End: ↵
  ▣ Menu
```

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].

```
Submenu [1/2]▶                          Mo 10:00

   Date and time
   Screen
  ▲Filter sign
   R.C. sensor control              Off
  ▼Room temp. display              Off

Back: ⊠              Setting: ↵
   ▣ Monitor
```

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

```
Submenu [1/2]                           Mo 10:00

   Date and time
   Screen
   Filter sign
   R.C. sensor control         ↕   On
   Room temp. display              Off

Cancel: ⊠            OK: ↵
   ▣ Monitor
```

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)].
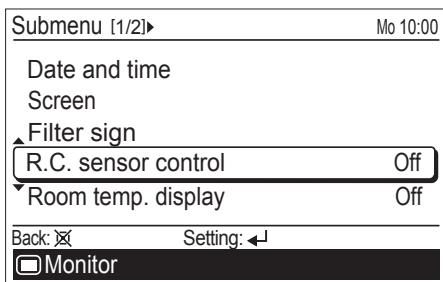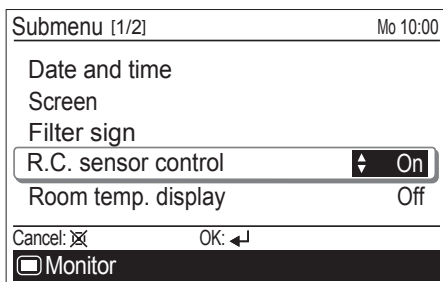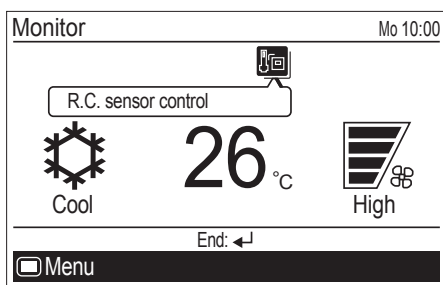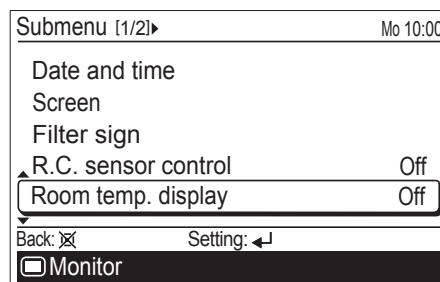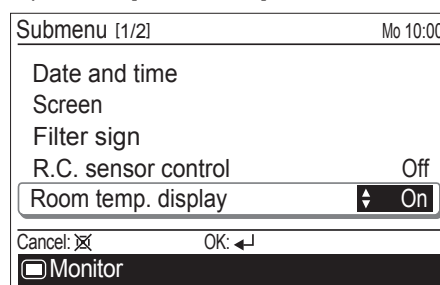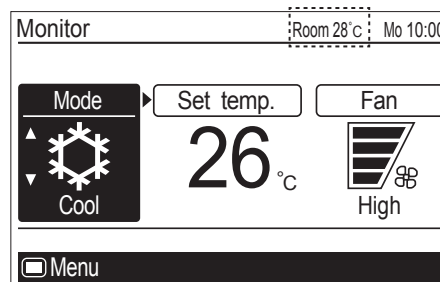
```
Monitor                                 Mo 10:00

              R.C. sensor control

    ❄           26 °C            ▰/
   Cool                          High
                    End: ↵
   ▣ Menu
```

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].

```
Submenu [1/2]▶                          Mo 10:00

   Date and time
   Screen
   Filter sign
  ▲R.C. sensor control              Off
   Room temp. display              Off
  ▼
Back: ⊠              Setting: ↵
   ▣ Monitor
```

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

```
Submenu [1/2]                           Mo 10:00

   Date and time
   Screen
   Filter sign
   R.C. sensor control              Off
   Room temp. display         ↕   On

Cancel: ⊠            OK: ↵
   ▣ Monitor
```

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

```
Monitor               Room 28°C  Mo 10:00

 Mode  ▶  Set temp.      Fan
 ▲
 ❄        26 °C          ▰/
 ▼
 Cool                    High

   ▣ Menu
```

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.
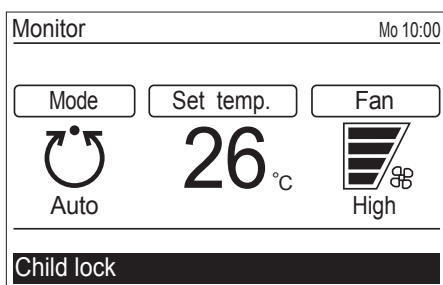
To release the lock:
When the [Cancel button] is pressed for about 3 seconds or more continuously on the "Monitor" screen, the lock is released, and each applicable lock name on the screen turns off.
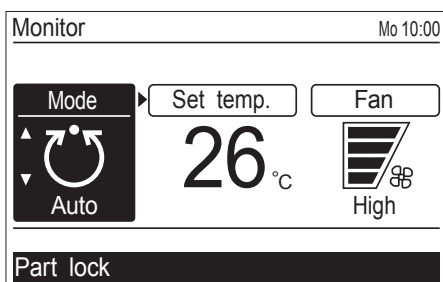
En-28

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

```
Monitor                          Mo 10:00

   Mode       Set  temp.       Fan

                26 °C
   Auto                        High

Child lock
```

When [Part lock] is set

```
Monitor                          Mo 10:00

   Mode    ▶  Set  temp.       Fan
  ▲
                26 °C
  ▼
   Auto                        High

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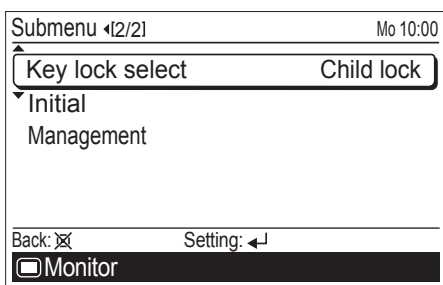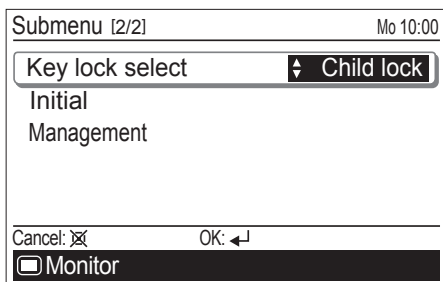
Note
[Child lock] or [Part lock] indicator blinks when the restricted button operation is performed.

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].
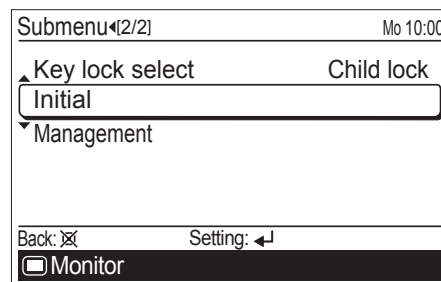
```
Submenu ◀[2/2]                   Mo 10:00
  ▲
   Key lock select         Child lock
  ▼
   Initial

   Management


Back: ⌧             Setting: ↵
  ▢ Monitor
```

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

```
Submenu [2/2]                    Mo 10:00

   Key lock select      ▲▼  Child lock

   Initial

   Management


Cancel: ⌧            OK: ↵
  ▢ Monitor
```

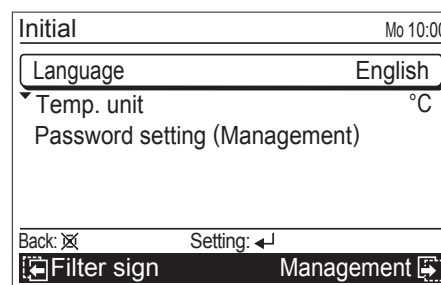### 5-8. Initial setting

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

```
Submenu ◀[2/2]                   Mo 10:00
  ▲
   Key lock select         Child lock

   Initial
  ▼
   Management


Back: ⌧             Setting: ↵
  ▢ Monitor
```

"Initial" screen is displayed.

```
Initial                          Mo 10:00

   Language                   English
  ▼
   Temp. unit                      °C

   Password setting (Management)


Back: ⌧             Setting: ↵
 ◀▢ Filter sign        Management ▢▶
```
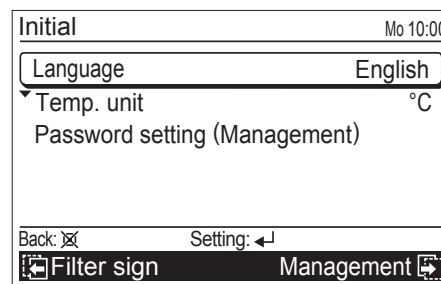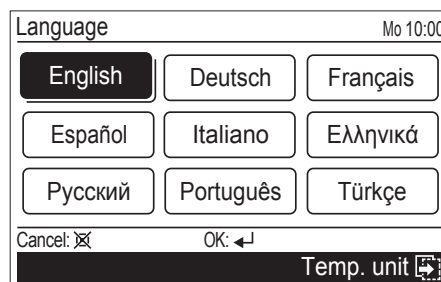
5-8-1. Language setting

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].

```
Initial                          Mo 10:00

   Language                   English
  ▼
   Temp. unit                      °C

   Password setting (Management)


Back: ⌧             Setting: ↵
 ◀▢ Filter sign        Management ▢▶
```

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.

```
Language                         Mo 10:00

  English      Deutsch      Français

  Español      Italiano      Ελληνικά

  Русский     Português      Türkçe

Cancel: ⌧          OK: ↵
                            Temp. unit ▢▶
```

En-29

5-8-2. Temperature unit setting

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

```
Initial                          Mo 10:00
▲
 Language                         English
 Temp. unit                            °C
▼Password setting (Management)


Back: ✖          Setting: ↵
  Filter sign            Management
```

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

```
Temp. unit                       Mo 10:00

              Temp. unit
            ─────────────
               ▲

               °C

               ▼

Cancel: ✖          OK: ↵
  Language
```

5-9. Zone user setting

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

```
Submenu ◂[2/2]                   Mo 10:00

 Initial
▲Management
 Zone user setting


Back: ✖          Setting: ↵
  Monitor
```

"Zone user setting" screen opens.

```
Zone user setting                Mo 10:00

 Day/Night setting
▼Name setting



Back: ✖          Setting: ↵
  Management            Date and time
```

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].

```
Zone user setting                Mo 10:00

 Day/Night setting
▼Name setting



Back: ✖          Setting: ↵
  Management            Date and time
```

"Day/Night setting" screen opens.

```
Day/Night setting                Mo 10:00

 Day setting
▼Night setting



Back: ✖          Setting: ↵
                      Name setting
```

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].

```
Day setting                      Mo 10:00
 Zone 1        ✓      Zone 2
 Zone 3               Zone 4
 Zone 5               Zone 6
 Zone 7               Zone 8
 Sensor              Indoor unit
Back: ✖          Remove: ↵
                      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.

```
Day setting                        Mo 10:00
  ┌─────────────┬─┐  ┌─────────────┬─┐
  │   Zone 1    │✓│  │   Zone 2    │✓│
  ├─────────────┼─┤  ├─────────────┼─┤
  │   Zone 3    │ │  │   Zone 4    │ │
  ├─────────────┼─┤  ├─────────────┼─┤
  │   Zone 5    │ │  │   Zone 6    │ │
  ├─────────────┼─┤  ├─────────────┼─┤
  │   Zone 7    │ │  │   Zone 8    │ │
  ├─────────────┴─┴──┴─────────────┴─┤
  │ Sensor            Indoor unit    │
  └──────────────────────────────────┘
 Back: ⊠          Remove: ↵
                         Night setting ⇨
```

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.
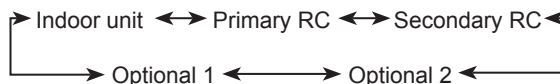
```
 ┌ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┐
 │ One zone must be open at all times.│
 │ ⇦XXXXXX          XXXXXX⇨          │
 └ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┘
```

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].

```
Day setting                        Mo 10:00
  ┌─────────────┬─┐  ┌─────────────┬─┐
  │   Zone 1    │✓│  │   Zone 2    │✓│
  ├─────────────┼─┤  ├─────────────┼─┤
  │   Zone 3    │ │  │   Zone 4    │ │
  ├─────────────┼─┤  ├─────────────┼─┤
  │   Zone 5    │ │  │   Zone 6    │ │
  ├─────────────┼─┤  ├─────────────┼─┤
  │   Zone 7    │ │  │   Zone 8    │ │
  ├─────────────┴─┴──┴─────────────┴─┤
  │ Sensor            Indoor unit    │
  └──────────────────────────────────┘
 Back: ⊠          Setting: ↵
                         Night setting ⇨
```

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

```
Day setting                        Mo 10:00
  ┌─────────────┬─┐  ┌─────────────┬─┐
  │   Zone 1    │✓│  │   Zone 2    │✓│
  ├─────────────┼─┤  ├─────────────┼─┤
  │   Zone 3    │ │  │   Zone 4    │ │
  ├─────────────┼─┤  ├─────────────┼─┤
  │   Zone 5    │ │  │   Zone 6    │ │
  ├─────────────┼─┤  ├─────────────┼─┤
  │   Zone 7    │ │  │   Zone 8    │ │
  ├─────────────┴─┴──┴─────────────┴─┤
  │ Sensor      ⬍     Indoor unit    │
  └──────────────────────────────────┘
 Back: ⊠          Setting: ↵
                         Night setting ⇨
```

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

```
 ┌→ Indoor unit ⟷ Primary RC ⟷ Secondary RC ←┐
 │                                            │
 └→    Optional 1 ⟷ Optional 2 ←──────────────┘
```

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].

```
Zone user setting                  Mo 10:00

  ▲Day/Night setting
  ┌──────────────────────────────────┐
  │ Name setting                     │
  └──────────────────────────────────┘



 Back: ⊠          Setting: ↵
 ⇦Management            Date and time ⇨
```

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
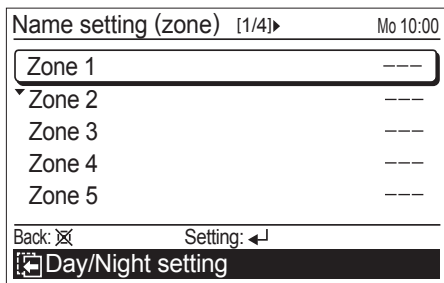Only connected zones and sensors are displayed.

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.

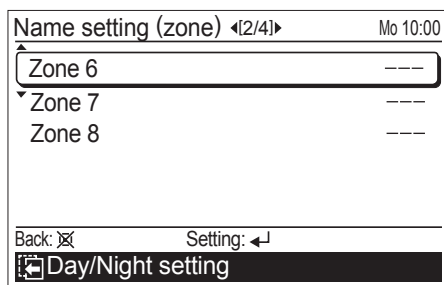As a setting example, Zone 1 to 8 are supposed to be connected in following instructions.

```
Name setting (zone)  [1/4]▶         Mo 10:00

  Zone 1                           ‒‒‒
 ▾Zone 2                           ‒‒‒
  Zone 3                           ‒‒‒
  Zone 4                           ‒‒‒
  Zone 5                           ‒‒‒
 Back: ⊠            Setting: ↵
  ⬚ Day/Night setting
```

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.

```
Name setting (zone) ◀[2/4]▶        Mo 10:00
 ▴
  Zone 6                           ‒‒‒
 ▾Zone 7                           ‒‒‒
  Zone 8                           ‒‒‒


 Back: ⊠            Setting: ↵
  ⬚ Day/Night setting
```

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.

```
Name setting (group) ◀[3/4]▶       Mo 10:00
 ▴
  Day                              ‒‒‒
 ▾Night                            ‒‒‒



 Back: ⊠            Setting: ↵
  ⬚ Day/Night setting
```
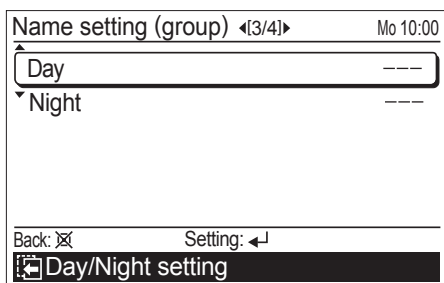
If any names have been registered for the groups already, the registered names are displayed instead of "‒‒‒" on this screen.

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.

```
Name setting (sensor) ◀[4/4]       Mo 10:00

  Indoor unit                      ‒‒‒
 ▾Primary RC                       ‒‒‒
  Secondary RC                     ‒‒‒
  Optional 1                       ‒‒‒
  Optional 2                       ‒‒‒
 Back: ⊠            Setting: ↵
  ⬚ Day/Night setting
```
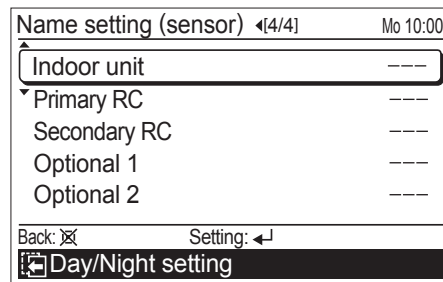
If any names have been registered for the sensors already, the registered names are displayed instead of "‒‒‒" on this screen.

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.

```
Name setting (Zone 1)              Mo 10:00
 |
 Ⓐ B C D E F G H I J K L M N O P Q R
  S T U V W X Y Z & ( ) + ; : . , / _
  0 1 2 3 4 5 6 7 8 9 ‒
  ↵Back  Space    ←      →     End
 Cancel: ⊠         Enter: ↵
  ⬚ Preset names          Lower case ⬚▶
```
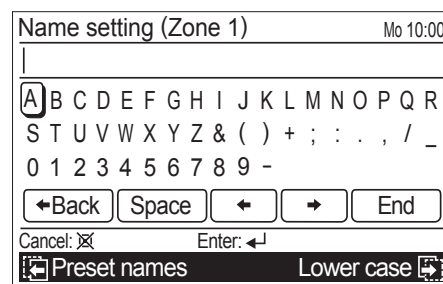
3 Enter desired name.
For entering the text of the name, there are following 3 screens.
   • Capital
   • Lower case
   • Preset names
You can enter mixed text with "Capital", "Lower case", and "Preset names", up to 12 characters.
When you press the [Screen switch button (Left/Right)] during entering the text, the screen switches as follows.
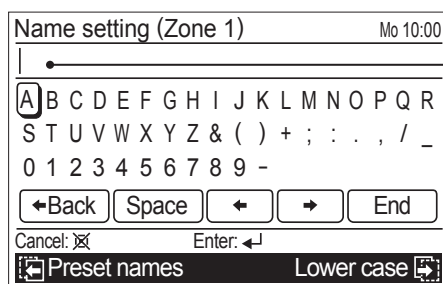
→ Capital ←→ Lower case ←→ Preset names ←
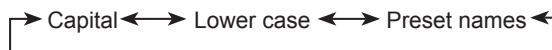
Capital:
You can select and enter desired capital letter.
In "Capital" screen, set the cursor to the target letter with the [Cursor button], and press the [Enter button].
Selected letter is displayed in the text field.

```
Name setting (Zone 1)              Mo 10:00
 |●
 Ⓐ B C D E F G H I J K L M N O P Q R
  S T U V W X Y Z & ( ) + ; : . , / _
  0 1 2 3 4 5 6 7 8 9 ‒
  ↵Back  Space    ←      →     End
 Cancel: ⊠         Enter: ↵
  ⬚ Preset names          Lower case ⬚▶
```

Text field

En-32

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.

```
Name setting (Zone 1)              Mo 10:00
|•———————————————————————————
a b c d e f g h i j k l m n o p q r
s t u v w x y z & ( ) + ; : . , / _
0 1 2 3 4 5 6 7 8 9 –
 ←Back   Space    ←     →     End
Cancel: ⊠           Enter: ↵
 ⬅Capital              Preset names ➡
```
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.

```
Name setting (Zone 1)              Mo 10:00
|•———————————————————————————
  Living      Family      Dining
  Bedroom     Kitchen     Study
  Lounge      Meals       Rumpus
 ←Back   Space    ←     →     End
Cancel: ⊠           Enter: ↵
 ⬅Lower case            Capital ➡
```
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.)
>
> ```
> Name setting (Zone 1)              Mo 10:00
> Bedroom (Gue|          Over
> ——————————————————————————————
> a b c d e f g h i j k l m n o p q r
> s t u v w x y z & ( ) + ; : . , / _
> 0 1 2 3 4 5 6 7 8 9 –
>  ←Back   Space    ←     →     End
> Cancel: ⊠           Enter: ↵
>  ⬅Capital              Preset names ➡
> ```

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.
Keep the surroundings of the outdoor unit clean and tidy, and do not place anything around it. If it is covered with fallen leaves, there could be an infiltration of small animals or insects which in contact with internal electrical components may lead to product malfunction.
Do not stand on unstable steps when operating or cleaning the air conditioner. It may overturn and can cause injuries.

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.
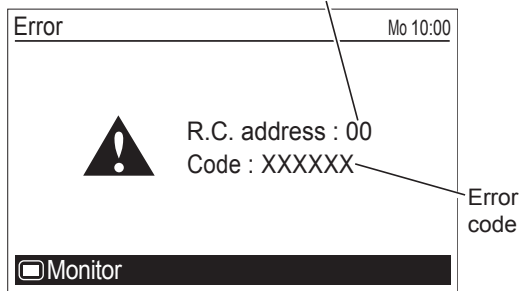
• **When there is an error on this remote controller:**

```
Error                          Mo 10:00



        ⚠      Remote  controller
                Code : XXXXXX
                              Error
                              code


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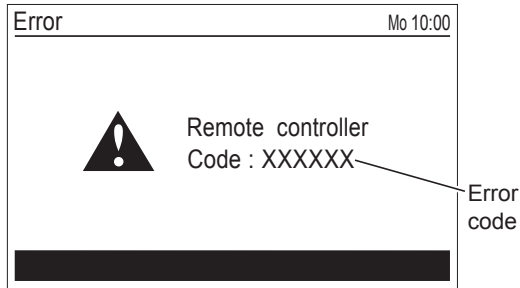
Error code	Contents
Er 12.1 EE 1c	Wired remote controller communication error
Er 15.4 EE 1d	Indoor unit data acquisition error
Er CC.1 EE CC.1	Remote controller sensor error

• **When there is an error on the indoor unit:**

Address number of the relevant indoor unit

```
Error                          Mo 10:00



        ⚠      R.C. address : 00
                Code : XXXXXX
                              Error
                              code
  ▣ Monitor
```

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
NORMAL FUNCTION	Noise is heard:	• During operation and immediately after stopping the unit, the sound of water flowing in the air conditioner's piping may be heard. Also, noise may be particularly noticeable for about 2 to 3 minutes after starting operation (sound of coolant flowing).	—
		*• During heating operation, a sizzling sound may be heard occasionally. This sound is produced by the automatic defrosting operation.	39
	Smells:	• Some smell may be emitted from the indoor unit. This smell is the result of room smells (furniture, tobacco, etc.) which have been taken into the air conditioner.	—
	Mist or steam are emitted:	• During cooling or dry operation, a thin mist may be seen emitted from the indoor unit. This results from the sudden cooling of room air by the air emitted from the air conditioner, resulting in condensation and misting.	—
		*• During heating operation, the outdoor unit's fan may stop, and steam may be seen rising from the unit. This is due to the automatic defrosting operation.	39
	Airflow is weak or stops:	*• When heating operation is started, fan speed is temporarily very low, to allow internal parts to warm up. *• During heating operation, if the room temperature rises above the thermostat setting, the outdoor unit will stop, and the indoor unit will operate at very low fan speed. If you wish to warm the room further, set the thermostat to a higher setting.	—
		*• During heating operation, the unit will temporarily stop operation (between 4 and 15 minutes) as the automatic defrosting mode operates. During the automatic defrosting operation, ❄/⏻ will be shown on the remote controller display.	39
		• The fan may operate at very low speed during dry operation or when the unit is monitoring the room's temperature.	—
		• In the monitor AUTO operation, the fan will operate at very low speed.	—
	Water is produced from the outdoor unit:	*• During heating operation, water may be produced from the outdoor unit due to the automatic defrosting operation.	39
	The FILTER indicator blinks:	• Clean the filter. Afterwards, turn the FILTER indicator off.	28
	🗔 thermo sensor display on the remote controller is flashing:	• The room temperature sensor may be malfunctioning. Please consult authorized service personnel.	—
	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)	39

En-35

	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?	29
	Poor cooling (or Heating) performance:	• Is the air filter dusty? • Are the air conditioner's intake grille or outlet port blocked? • Did you adjust the room temperature settings (thermostat) correctly? • Is there a window or door open? • In the case of cooling operation, is a window allowing bright sunlight to enter? (Close the curtains.) • In the case of cooling operation, are there heating apparatus and computers inside the room, or are there too many people in the room?	—
	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. Back: ⊠ Restricted by the management function ◁XXXXXX XXXXXX▷	—
		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.	15, 16
	Weekly timer does not work:	Have all the necessary settings been completed in [Weekly timer setting]?	17 to 23
	Operation is automatically stopped:	Has off timer been set?	16
		Has weekly timer been set?	29
		Has auto-off timer been set?	23
	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?	23
		Has the operation been started by weekly timer or on timer?	23
		Has the weekly timer been on during the counting down of the Auto-off timer?	23
		Has it been within the valid hour?	23
		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?	5
CHECK ONCE MORE	Set temperature is changed automatically:	Has set temp. auto return been set?	13
	Does not return to the set temperature:	Has set temp. range limitation been set?	14
	Set temperature cannot be changed:	Has set temp. range limitation been set?	14
		Is message [R.C. prohibition (Set temp. all)] and ⊠ icon displayed?	5

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.	6, 7
	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.	32
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.	9
	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.	8
	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].	7

9-3. Operating tips

Instructions relating to heating (*) are applicable only to "HEAT & COOL MODEL" (Reverse Cycle).

Heating Performance*

● This air conditioner operates on the heat-pump principle, absorbing heat from outdoor air and transferring that heat indoors. As a result, the operating performance is reduced as outdoor air temperature drops. If you feel that insufficient heating performance is being produced, we recommend you use this air conditioner in conjunction with another type of heating appliance.

● Heat-pump air conditioners heat your entire room by recirculating air throughout the room, with the result that some time may be required after first starting the air conditioner until the room is heated.

When Indoor and Outdoor Temperature are High*

When both indoor and outdoor temperatures are high during use of the heating mode, the outdoor unit's fan may stop at times to protect the unit.

Fan speed: AUTO

Heating* : The fan will operate at very low speed when the temperature of the air issued from the indoor unit is low.

Cooling : As the room temperature approaches that of the set temperature, the fan speed becomes slower.

Fan : The fan runs at the low fan speed.

Microcomputer-controlled Automatic Defrosting*

● When using the heating mode under conditions of low outdoor temperature and high humidity, frost may form on the outdoor unit, resulting in reduced operating performance. In order to prevent this kind of reduced performance, this unit is equipped with a microcomputer-controlled automatic defrosting function. During the defrost cycle, the indoor fan will shutdown and ❄/⏻ will be displayed on the remote controller. It will take anywhere from 4 to 15 minutes before the air conditioner starts up again.

● After heating operation stops, if frost forms on the outdoor unit, the unit will start automatic defrosting operation. At this time, the outdoor unit will automatically stop after operating for a few minutes.

Low Ambient Cooling

When the outdoor temperature drops, the outdoor unit's fans may switch to low speed, or one of the fans may stop intermittently.

Hot Start*

The indoor unit prevents cold drafts when heating operation begins.

The indoor unit fan will not operate until the heat exchanger reaches the set temperature.

Dual Remote Controllers (optional)

An additional remove controller can be added up to the maximum of two remote controllers. Either remote controller can control the air conditioner. However, the timer functions cannot be used at the slave unit.

Group Control

1 remote controller can control up to 16 air conditioners. All of the air conditioners will be operated with the same settings.
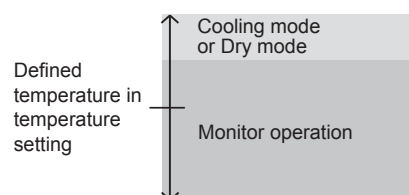
Mode operation

AUTO (in COOLING model):

- When AUTO (automatic changeover) operation first selected, the fan will operate at very low speed for about a few minutes, during which time the indoor unit detects the room conditions and selects the proper mode.

Room temperature is higher than the defined temperature in temperature setting → Cooling mode or dry mode

Room temperature is close to or lower than the defined temperature in temperature setting → Monitor operation

Defined temperature in temperature setting

Cooling mode or Dry mode

Monitor operation

- When the indoor unit has adjusted your room's temperature to near the temperature setting, it will begin monitor operation. In the monitor operation mode, the fan will operate at low speed. If the room temperature subsequently changes, the indoor unit will once again select the appropriate operation (cooling) to adjust the temperature to the value set in the temperature setting.
- If the mode automatically selected by the unit is not what you wish, select one of the mode operation (COOL, DRY, FAN).

AUTO [in HEAT & COOL (Reverse Cycle) model]:

- When AUTO (automatic changeover) is selected, the air conditioner selects the appropriate operation mode (cooling or heating) according to your room's present temperature.
- When AUTO operation first selected, the fan will operate at low speed for about a few minute, during which time the indoor unit detects the room conditions and selects the proper operation mode.

Room temperature is higher than the defined temperature in temperature setting → Cooling mode or dry mode

Room temperature is close to the defined temperature in temperature setting → Determined by outdoor temperature

Room temperature is lower than the defined temperature in temperature setting → Heating mode

Defined temperature in temperature setting

Cooling or Dry

Determined by outdoor temperature

Heating
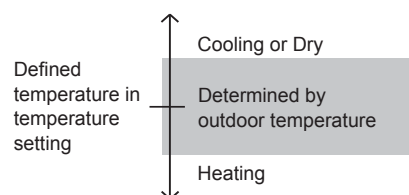
- When the air conditioner has adjusted your room's temperature to near the thermostat setting, it will begin monitor operation. In the monitor operation mode, the fan will operate at low speed. If the room temperature subsequently changes, the air conditioner will once again select the appropriate operation (heating, cooling) to adjust the temperature to the value set in the thermostat.
- If the mode automatically selected by the unit is not what you wish, select one of the mode operation (HEAT, COOL, DRY, FAN).

HEAT*:
- Use to warm your room.
- When heating mode is selected, the air conditioner will operate at very low fan speed for about 3 to 5 minutes, after which it will switch to the selected fan setting. This period of time is provided to allow the indoor unit to warm up before beginning full operation.
- When the outdoor temperature is very low, frost may form on the outdoor unit, and its performance may be reduced. In order to remove such frost, the unit will automatically enter the defrost cycle from time to time. During automatic defrosting operation, the heat operation will be interrupted.
- After the start of heating operation, it takes sometime before the room gets warmer.

COOL:
- Use to cool your room.

DRY:
- Use for gently cooling while dehumidifying your room.
- You cannot heat the room during dry mode.
- During dry mode, the unit will operate at low speed; in order to adjust room humidity, the indoor unit's fan may stop from time to time. Also, the fan may operate at very low speed when adjusting room humidity.
- The fan speed cannot be changed manually when dry mode has been selected.

FAN:
- Use to circulate the air throughout your room.

During heating mode:
Set the thermostat to a temperature setting that is higher than the current room temperature. The heating mode will not operate if the thermostat is set lower than the actual room temperature.

During cooling/dry mode:
Set the thermostat to a temperature setting that is lower than the current room temperature. The cooling and dry modes will not operate if the thermostat is set higher than the actual room temperature (in cooling mode, the fan alone will operate).

During fan mode:
You can not use the unit to heat and cool your room.

En-39

AUTO Restart

In Event of Power Interruption

● If the power supply to the air conditioner is interrupted by a power failure, the air conditioner will restart automatically in the previously selected mode once the power is restored.

● Use of other electrical appliances (electric shaver, etc.) or nearby use of a wireless radio transmitter may cause the air conditioner to malfunction. In this event, temporarily disconnect the power supply, reconnect it, and then use the remote controller to resume operation.

Notices

*● During use of the heating mode, the outdoor unit will occasionally commence the defrost operation for brief periods. During the defrosting operation, if the user sets the indoor unit for heating again, the defrosting mode will continue, and the heating operation will begin after completion of defrosting, with the result that some time may be required before warm air is emitted.

*● During use of the heating mode, the top of the indoor unit may become warm, but this is due to the fact that coolant is circulated through the indoor unit even when it is stopped; it is not a malfunction.

9-4. Temperature and humidity range

For the permissible ranges of temperature and humidity, refer to the installation manual.