DAIKIN

WIRED REMOTE CONTROLLER

INSTALLATION MANUAL

BRC1E62

Be sure to read this installation manual before installing this product.

Contents

1. Safety Precautions

■ **Also refer to installation manual attached to the indoor unit.**

Please read these "Safety Precautions" carefully before installing the remote controller.

● This manual classifies the precautions into WARNINGS and CAUTIONS.
Be sure to follow all the precautions below: They are all important for ensuring safety.

⚠ **WARNING**	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
⚠ **CAUTION**	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

● After completing installation, conduct a test operation to check for faults and explain to the customer how to operate the remote controller and cleaning of it with the aid of the operation manual. Ask the customer to store the installation manual along with the operation manual for future reference.

⚠ **WARNING**
Ask your dealer or qualified personnel to carry out installation work. Do not attempt to install the remote controller yourself. Improper installation may result in electric shocks or a fire.
Consult your local dealer regarding relocation and reinstallation of the remote controller. Improper installation may result in electric shocks or a fire.
Install the remote controller in accordance with the instructions in this installation manual. Improper installation may result in electric shocks or a fire.
Be sure to use only the specified accessories and parts for installation work. Failure to use the specified parts may result in the remote controller falling down, electric shocks or a fire.
Install the remote controller on a foundation that can withstand its mass. Insufficient strength may result in the remote controller falling down and causing injury.
Make certain that all electrical work is carried out by qualified personnel according to the applicable legislation (note 1) and this installation manual, using a separate circuit. In addition, even if the wiring is short, make sure to use a wiring that has sufficient length and never connect additional wiring to make the length sufficient. Insufficient capacity of the power supply circuit or improper electrical construction may lead to electric shocks or a fire. (note 1) applicable legislation means "All international, national and local directives, laws, regulations and/or codes which are relevant and applicable for a certain product or domain".
Turn off the power before performing installation work. Touch with live parts may cause electric shocks.
Do not disassembly, reconstruct or repair. Electric shock or a fire may cause.
Make sure that all wiring is secured, using the specified wirings and ensuring that external forces do not act on the terminal connections or wirings. Improper connections or fixing may cause an overheat or a fire.
The choice of materials and installations must comply with the applicable national and international standards.

⚠ CAUTION

To avoid electric shocks due to entry of water or insects, fill the wiring through hole with putty.

Do not operate with wet hands to avoid electric shocks.

Do not wash the remote controller with water.
It may result in electric shocks or a fire.

Install the air conditioner, power supply wiring, remote controller wiring and transmission wiring at least 1 meter away from televisions or radios to prevent image interference or noise.
(Depending on the radio waves, a distance of 1 meter may not be sufficient to eliminate the noise.)

Do not install the remote controller in the following locations:
1. Where there is oil mist, oil spray or vapour for example a kitchen.
   Resin parts may deteriorate and fall off.
2. Where corrosive gas, such as sulfurous acid gas, is produced.
3. Where there is machinery which emits electromagnetic waves.
   Electromagnetic waves may disturb the control system, and cause a malfunction of the equipment.
4. Where flammable gas may leak, where there is carbon fibre or ignitable dust suspensions in the air, or where volatile flammables such as thinner or gasoline are handled.
   Operating the unit in such conditions may result in a fire.
5. High temperature area or directly flamed point.
   It may cause an overheat or a fire.
6. Moist area, or place where may be exposed to water.
   If water enters inside of the remote controller, electrical components may fail.
   It may result in electric shocks or a fire.

When remote controller's thermostat sensor is used, select the installation location considering the followings.
● A place where average temperature in the room can be detected.
● A place where is not exposed to direct sunlight.
● A place where is far apart from heat source.
● A place where is not affected by outdoor air due to door opening/closing or the like.

2. Accessories

The following accessories are included.

Wood screw	Small screw	Clamp	Operation manual	Installation manual	Wiring retainer
(M3.5×16)	(M4×16)				
(2 pcs.)	(2 pcs.)	(1 pc.)	(1 pc.)	(1 pc.)	(1 pc.)

3. Remote controller installation procedure

3-1 Determine where to install the remote controller.

Make sure to follow "**1. Safety Precautions**" when determining the location.

3-2 Make a wiring through hole on the wall if the wires are taken out from the back side.

External view of the remote controller

Lower case through hole

Ø8-10

Set the center of the wall hole to the center of the wiring through hole on the controller lower case when making the hole.

40

48.5

Through hole
Ø8-10

⚠ CAUTION

If the hole size is too large or the location is not proper, the hole may come out from the controller.
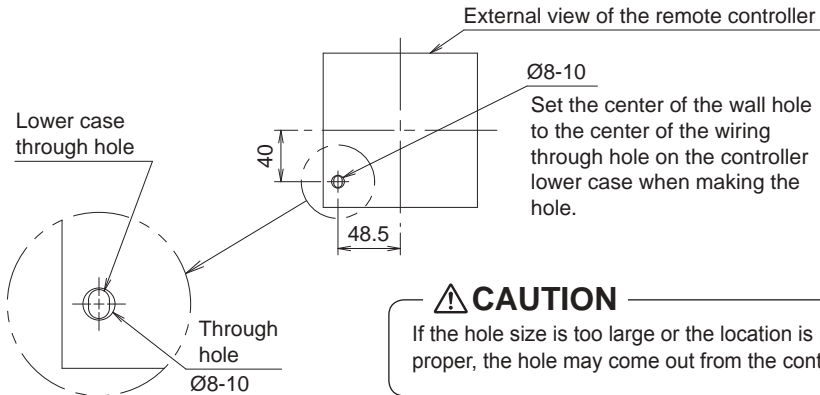
3-3 Remove upper case.

Insert a screwdriver in the recess of lower case to remove the upper case (2 points).

Remote controller Printed Circuit Board is installed on the upper case. Take care not to damage the Printed Circuit Board with the screwdriver.

Take care that dust or moisture does not touch the Printed Circuit Board.

Upper case

Screwdriver

Lower case

Insert and twist the screwdriver lightly for removal.

3-4 Determine the direction of controller wiring outlet (back outlet, left outlet, top left outlet, top center outlet).

3-4-1 Back outlet

Cut off resin area (hatched area).

3-4-2 Left outlet

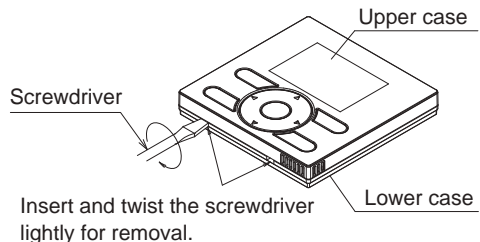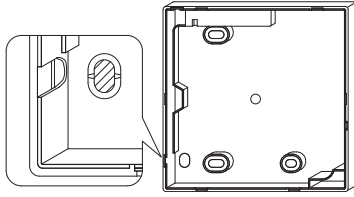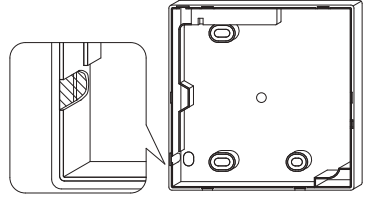Cut off thin area (hatched area) with nippers or the like, and then remove burr with a file or the like.

3-4-3 Top left outlet
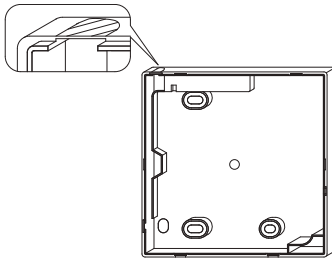
Cut off thin area (hatched area) with nippers or the like, and then remove burr with a file or the like.

3-4-4 Top center outlet
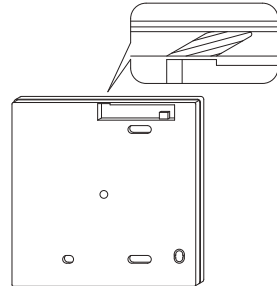
Cut off thin area (hatched area) with nippers or the like, and then remove burr with a file or the like.

3-5 Conduct wiring.

⚠ CAUTION

1. Switch box and transmission wiring are not attached.
2. Do not directly touch the Printed Circuit Board.

Wiring Specifications

Wiring Type	Sheathed vinyl cord or cable (2 cores) (∗1)
Wiring Size	0.75~1.25 mm^2
Wiring Length	Max. 500m (∗2)

∗1. Some countries may require a shielded wiring.
 Refer to Installation manual attached to the indoor unit.
∗2. This will be the total extended length in the system when doing group control.

Prepare the wiring for connection to the remote controller following these instructions.

Approx.10 mm

For easy wiring, it is better to keep approx.10 mm difference between the length of 2 wires.

Peel the insulator and sheath

Cutting guideline of the wiring
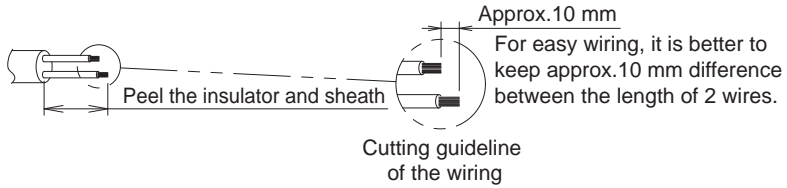
Sheath stripping length:
● Approx.150 mm for top left outlet
● Approx.200 mm for top center outlet

Connect the terminals (P/P1, N/P2) of the remote controller to the terminals (P1, P2) of the indoor unit. (P1 and P2 have no polarities.)

3-5-1 Back outlet

Indoor unit
P1 P2

Lower case

Upper case

Printed Circuit Board

Clamp

Clamp

Cross-section Ⓐ - Ⓐ

Secure the wiring at the wiring fixing point by using attached clamp.

Wiring fixing point

\<Wiring fixing guideline\>

3-5-2 Left outlet

Indoor unit
P1 P2

Upper case

Printed Circuit
Board

Lower case

3-5-3 Top left outlet

Wiring retainer

Wiring retainer   Upper case

Wiring

As shown to the left,
install wiring
retainer in order to
prevent wiring
pinching.

Cross-section $\mathbb{B}$ - $\mathbb{B}$

$\mathbb{B}$ $\mathbb{B}$

Indoor unit
P1 P2

Upper case

Printed Circuit
Board

Lower case

3-5-4 Top center outlet

Indoor unit
P1 P2

Wiring retainer

Upper case

Printed Circuit
Board

Lower case

7

<div style="border: 1px solid">

⚠ CAUTION

● Perform the wiring apart from a power line not to receive electrical noise (external noise).
● Seal the wiring outlet hole securely with putty (field supply) to prevent entry of insects or the like.

</div>

3-6 Fixing procedure of lower case.

In case of wiring a remote controller through top center outlet or back outlet, perform wiring through the outlet hole in the lower case before it is wall install.

3-6-1 In the case of installation on the wall

Secure by using attached wood screws (2 pcs.).

Wood screws
(M3.5×16)
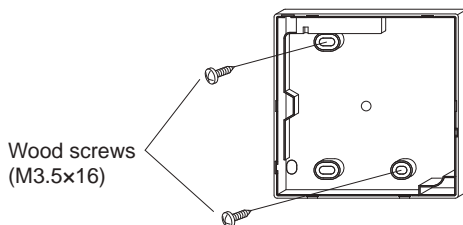
3-6-2 In the case of installation on the switch box

Secure by using attached small screws (2 pcs.).

Switch box
(field supply)
(Use optional accessory
KJB211A)

Switch box for 2 units
(with no cover)

84

46

(Installation pitch)

Small screws (M4×16)

Switch box
(field supply)
(Use optional accessory
KJB111A)

Switch box for 1 unit
(with no cover)

84

28

(Installation pitch)

Small screws (M4×16)
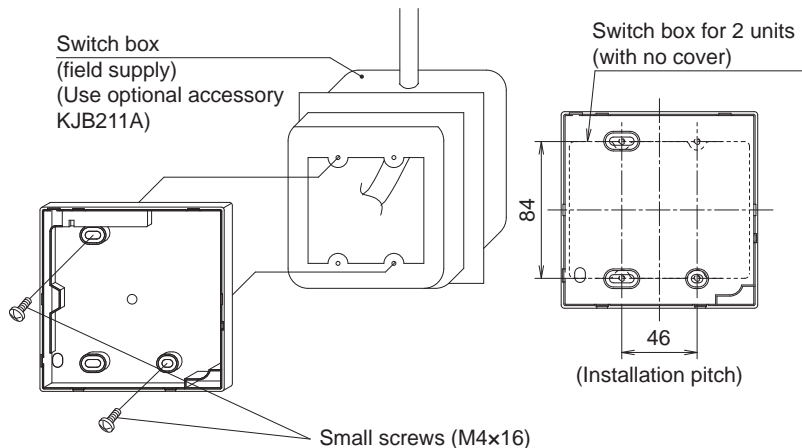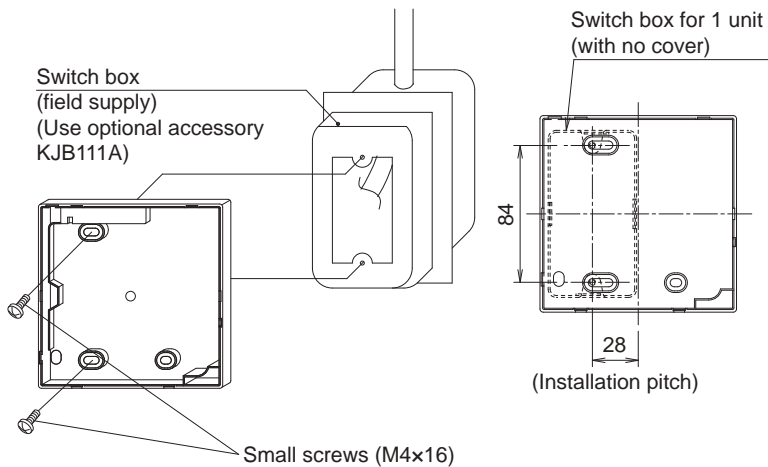
⚠ CAUTION

● Select flat place for installation face as possible.
● And, do not tighten the installation screws too much not to deform the lower case.

3-7 Install the upper case as original condition.

● Align the upper case with tabs of the lower case (6 points), inset and install the upper case.
● Install the wiring with care to prevent pinching.
● Peel off a protective seal which is attached on the upper case.
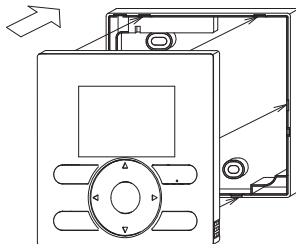
4. Functions and menu items of remote controller buttons

4-1 Functions and menu items

(1) Mode Selector button
(11) LCD (with backlight)
(4) Up button
(5) Down button
(6) Right button
(7) Left button
(9) Operation lamp (Green)
(8) ON/OFF button
(3) Menu/Enter button
(10) Cancel button
(2) Airflow Setting button
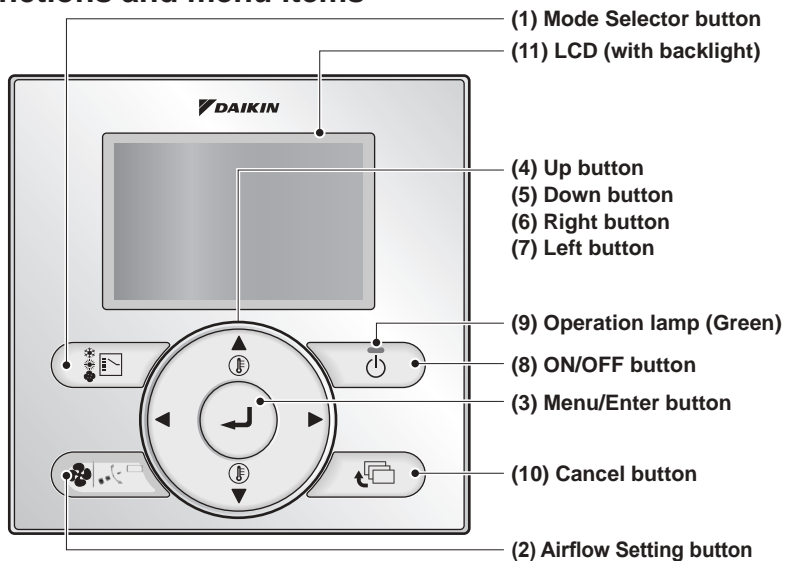
(1) Mode Selector button
Used to select the operation mode.

(2) Airflow Setting button
Used to indicate the Airflow Rate (Air Volume/Fan Speed)/Airflow Direction screen.

(3) Menu/Enter button
● Used to indicate the Main menu.
(For details of Main menu, refer to the operation manual.)
● Used to enter the setting item selected.

Main menu

Air Flow Direction
Quick Start
Ventilation
Energy Saving Options
Schedule
Filter Auto Clean
Maintenance Information
Configuration
Current Settings
Clock & Calendar
Language

∗Depending on connected model

(4) Up button " ▲ "
● Used to raise the set temperature.
● Use to highlight the item above the current selection.
(The highlighted items will be scrolled continuously when the button is kept pressed.)
● Used to change the item selected.

(5) Down button " ▼ "
● Used to lower the set temperature.
● Use to highlight the item below the current selection.
(The highlighted items will be scrolled continuously when the button is kept pressed.)
● Used to change the item selected.

(6) Right button " ▶ "
● Used to highlight the next items on the right-hand side.
● Display contents are changed to next screen per page.

(7) Left button " ◀ "
- Used to highlight the next items on the left-hand side.
- Display contents are changed to previous screen per page.

(8) ON/OFF button
- Press this button and system will start.
- Press this button again and system will stop.

(9) Operation lamp (Green)
This lamp lights up during operation. The lamp blinks if a malfunction occurs.

(10) Cancel button
- Used to return to the previous screen.
- Press and hold this button for 4 seconds or longer to display Service Settings menu.

(11) LCD (with backlight)
The backlight will be lit for approximately 30 seconds by pressing any operation button.

Service Settings menu

Test Operation
Maintenance Contact
Field Settings
Min Setpoints Differential
Group Address
Indoor unit AirNet Address
Outdoor unit AirNet Address
Error History
Indoor Unit Status
Outdoor Unit Status
Forced Fan ON
Switch Main Sub Controller
Filter Indicator
Test Filter Auto Clean
Brush/Filter Ind.
Disable Filter Auto Clean

∗Depending on connected model

⚠ CAUTION

- Operate the button during backlight lit.
  However, ON/OFF may be operated concurrently with backlight lit.
- When 1 indoor unit is controlled by 2 remote controllers, the backlight of remote controller which is operated first is lit.
- To operate Up/Down/Left/Right button, be sure to press the part with symbol " ▲ ", " ▼ ", " ◀ ", or " ▶ ".
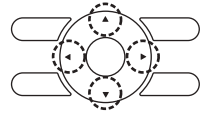
4-2 Displays for button operation descriptions

<Service Settings menu screen>

Service Settings	1/3
Test Operation	
Maintenance Contact	
Field Settings	
Min Setpoints Differential	
Group Address	
Indoor unit AirNet Address	
Return Setting ⬍	
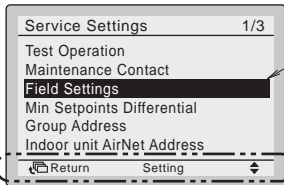
Highlighted display (selected items)

Instructions for manipulating the buttons will appear.

5. Power-on

● Check for completion of indoor/outdoor units wiring.
● Check for closing of control box lid of indoor and outdoor units before turn on the power.

5-1 Followings is displayed after turn on the power.
"Checking the connection. Please stand by."

During above display, backlight does not light by button operation.

| **When 1 indoor unit is controlled by 2 remote controllers:** |

Be sure to set sub remote controller during above display. Press and hold for 4 seconds or longer the Mode Selector button of the remote controller to be set. When the display is changed from main remote controller to sub remote controller, the setting is completed.

5-2 Basic screen is displayed.

⚠ CAUTION

If sub remote controller is not set at turn on the power in the case of 1 indoor unit controlled by 2 remote controllers, "Error code: U5" is displayed in the connection checking screen.
Select the sub remote controller by pressing the Mode Selector button of either one of the remote controllers for 4 seconds or longer.
If the Basic screen is not displayed more than 2 minutes after "Sub RC" display, turn off the power and check the wiring.

NOTE

When selecting a different language, refer to **"12. Language"** on page 23.

<Main remote controller>

5-1

Checking the connection.
Please stand by.

Main RC

⬇

Error Code: U5
Checking the connection.
Please stand by.

Main RC

⬇

<Basic screen>

5-2

Fan

<Sub remote controller>

5-1

Checking the connection.
Please stand by.

Main RC

⬇

Error Code: U5
Checking the connection.
Please stand by.

Main RC

⬇

Press and hold for 4 seconds or longer the Mode Selector button of sub remote controller side.

⬇

Checking the connection.
Please stand by.

Sub RC

⬇

<Basic screen>

5-2

Fan

6. Field settings

6-1 Press and hold the Cancel button for 4 seconds or longer. Service Settings menu is displayed.

6-2 Select **Field settings** in the Service Settings menu, and press Menu/Enter button. Field settings screen is displayed.

6-3 Highlight the Mode No., and select desired "Mode No." by using " ▼▲ " (Down/Up) button. For the commonly-used field setting item, refer to page 14 and 15.

6-4 In the case of setting per indoor unit during group control (When Mode No. such as **20** , **21** , **22** , **23** , **25** are selected), highlight the Unit No. and select "Indoor unit No." to be set by using " ▼▲ " (Down/Up) button. (In the case of group setting, this operation is not needed.)

> In the case of individual setting per indoor unit, current settings are displayed. And, SECOND CODE NO. " - " means no function.

6-5 Highlight SECOND CODE NO. of the FIRST CODE NO. to be changed, and select desired "SECOND CODE NO." by using " ▼▲ " (Down/Up) button. Multiple identical mode number settings are available.

> In the case of group setting, all of SECOND CODE NO. which may be set are displayed as " ∗ ".
> " ∗ " is changed to SECOND CODE NO. to be set.
> And, SECOND CODE NO. " - " means no function.
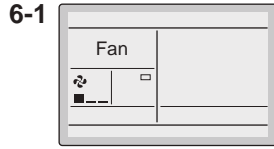
<Basic screen>

6-1

Fan

Press and hold Cancel button for 4 seconds or longer during backlight lit.

<Service Settings menu screen>

6-2

Service Settings 1/3
Test Operation
Maintenance Contact
Field Settings
Min Setpoints Differential
Group Address
Indoor unit AirNet Address
Return   Setting   ⇕
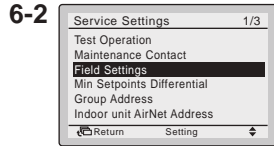
Press Menu/Enter button.

<Field settings screen>

In the case of individual setting per indoor unit

6-3
6-4
6-5

Field settings
Unit No   Mode
0   20
0−01   1−01   2−02   3−01
4−   5−   6−   7−
8−   9−   10−   11−
12−   13−   14−   15−
Return   Setting   ⬦

In the case of group setting

6-3
6-5
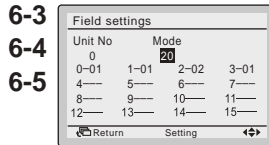
Field settings
              Mode
              10
0−01   1−∗   2−∗   3−∗
4−∗   5−   6−   7−
8−   9−   10−   11−
12−   13−   14−   15−
Return   Setting   ⬦
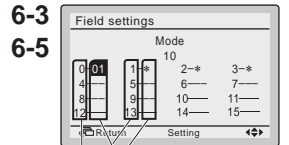
SECOND CODE NO.
FIRST CODE NO.

Press Menu/Enter button.

6-6 Press Menu/Enter button. Setting confirmation screen is displayed.

6-7 Select **Yes** and press Menu/Enter button. Setting details are saved and Field settings screen returns.

6-8 In the case of multiple setting changes, repeat "**6-3**" to "**6-7**".

6-9 After all setting changes are completed, press Cancel button twice.

6-10 Backlight goes out, and "Checking the connection. Please stand by." is displayed during initialization. After the initialization, the Basic screen returns.

<Setting confirmation screen>

6-6
6-7

```
Field settings
Save the settings?


        Yes   No


  Return        Setting        ▶
```

Press Menu/Enter button.

Setting confirmation
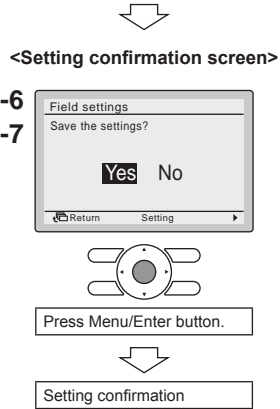
⚠ CAUTION

● When an optional accessory is installed on the indoor unit, settings of the indoor unit may be changed. Refer to the manual of the optional accessory.
● For field setting details of the outdoor unit, refer to Installation manual attached to the outdoor unit.

Mode No. Note) 1	FIRST CODE NO.	Description of setting			SECOND CODE NO. Note) 2			
					01	02	03	04
10 (20)	0	Filter Contamination - Heavy/Light (Setting for spacing time of display time to clean air filter) (Setting for when filter contamination is heavy, and spacing time of display time to clean air filter is to be halved)	Ultra-long-life filter	Light	Approx. 10.000 hrs.	Heavy / Approx. 5.000 hrs.	—	—
			Long-life filter		Approx. 2.500 hrs.	Approx. 1.250 hrs.	—	—
			Standard filter		Approx. 200 hrs.	Approx. 100 hrs.	—	—
	1	Long-life filter type (Setting of filter sign indication time). (Change setting when Ultra-long-life filter is installed)			Long-life filter	Ultra-long-life filter	—	—
	2	Thermostat sensor in remote controller			Use	Not use	—	—
	3	Spacing time of display time to clean air filter count (Setting for when the filter sign is not to be displayed)			Display	Do not display	—	—
11 (21)	0	Setting number of connected SPLIT system simultaneous operation system indoor units (Setting for simultaneous operations system)			Pair	Twin	Triple	Double twin

14

Mode No. Note) 1	FIRST CODE NO.	Description of setting	SECOND CODE NO. Note) 2			
			01	02	03	04
12 (22)	1	ON/OFF input from outside (Setting for when forced ON/OFF is to be operated from outside).	Forced OFF	ON/OFF operation	—	—
	2	Thermostat differential changeover (Setting for when using remote sensor).	1°C	0.5°C	—	—
13 (23)	0	High ceiling setting (Setting for when installed in ceiling higher than 2.7m). *Height depends on the connection model. Refer to the installation manual attached to the indoor unit to be connected for details.	≤2.7m *	2.7m<, ≤3.0m *	3.0m<, ≤3.5m *	—
	1	Selection of airflow direction (Setting for when a sealing pad of air discharge outlet has been installed).	4-way air discharge	3-way air discharge	2-way air discharge	—
	3	Selection of airflow function (Setting for when using a decoration panel for outlet).	Equipped	Not equipped	—	—
	4	Airflow direction range setting.	Upper	Normal	Lower	—
	6	Setting the external static pressure (Setting according to the connected duct resistance)	Normal	High static pressure	Low static pressure	—
		For FHYK	Normal	High ceiling	—	—
15 (25)	3	Drain pump operation with humidifying.	Equipped	Not equipped	—	—
1c	1	Thermostat sensor in remote controller (For Auto mode and Setback function only)	Not use	Use	—	—
1e	2	Setback function	Not use	Heating only	Cooling only	Cooling and Heating

Notes)

1. Though setting is performed totally in the group, set Mode No. in the parenthesis when individual setting per indoor unit or checking after the setting should be performed.
2. SECOND CODE NO. at factory shipment is set to "01".
   However for the following cases it is not "01".
   - Airflow direction range setting (except Round flow cassette)···"02"
   - Thermostat sensor in remote controller (SPLIT system only)···"02"
   - Thermostat sensor in remote controller for auto mode and Setback function only···"02"
   - Setback function···"04"
3. Any function which the indoor unit does not have is not displayed.

7. Test operation method (in the case of SPLIT system)

∗ In the case of VRV system, refer to the manual attached to the outdoor unit.

> **Also refer to installation manuals attached to the indoor unit and the outdoor unit.**

● Check that wiring work of the indoor unit and the outdoor unit is completed.
● Check that control box lid of the indoor unit and the outer panel and piping cover of the outdoor unit are closed.
● After refrigerant piping, drain piping and electric wiring are completed, clean the inside of the indoor unit and decoration panel.
● Perform the test operation according to following procedure.

7-1 To protect the compressor, turn on the power to the outdoor unit at least 6 hours prior to test operation.

7-2 Confirm that stop valves of both liquid side and gas side are opened.
<Make sure that outer panel and piping cover are closed before operation (danger of electric shock). >
∗ After air purge by vacuum pump, refrigerant pressure may not rise even though the stop valve is opened. The reason is that refrigerant system of the outdoor unit is blocked by electric expansion valve or the like. Operation is no problem.

7-3 Press Mode Selector button to select Cool mode.

7-4 Press and hold Cancel button for 4 seconds or longer. Service Settings menu is displayed.

7-5 Select **Test Operation** in the Service Settings menu, and press Menu/Enter button. Basic screen returns and "Test Operation" is displayed.

Notes for backlight

● The backlight will be lit for approximately 30 seconds by pressing any operation button.
● Operate the buttons during the backlight lit. However, ON/OFF can be operated concurrently with the backlight lit.

<Basic screen>

7-3
7-4
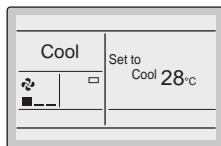
```
Cool      Set to
          Cool 28°C
```

Press and hold Cancel button for 4 seconds or longer during backlight lit.

<Service Setting menu screen>

7-5

```
Service Settings        1/3
Test Operation
Maintenance Contact
Field Settings
Min Setpoints Differential
Group Address
Indoor unit AirNet Address
Return        Setting        ⇕
```
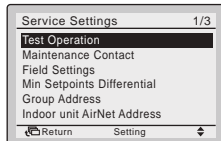
Press Menu/Enter button.

7-6 Press ON/OFF button within about 10 seconds. The test operation starts. Check operation condition for 3 minutes.

* Note) In the case of above-mentioned procedures 7-5 and 7-6 in reverse order, test operation can start as well.

7-7 Press Airflow Setting button.

7-8 Select airflow direction setting by pressing the " ▶ " button on the setting screen.
Use the " ▼▲ " buttons to change the airflow direction.

7-9 After the operation of airflow direction is confirmed, press Menu/Enter button. Basic screen returns.

7-10 Press and hold Cancel button for 4 seconds or longer in the Basic screen.
Service Settings menu is displayed.

7-11 Select **Test Operation** in the Service Settings menu, and press Menu/Enter button. Basic screen returns and normal operation is conducted.
*Note) Test operation will automatically finish in 30 minutes.
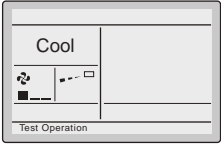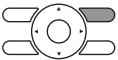
7-12 Check the functions according to the operation manual.

7-13 When the decoration panel is not installed, turn off the power after the test operation finishes.
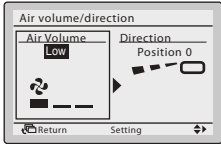
● If the interior finish work is not completed when the test operation is finished, for protection of the air conditioner ask the customer not to operate the air conditioner until the interior finish work is completed. If the air conditioner is operated, the inside of the indoor units may be polluted by substances generated from the coating and adhensives used for the interior finish work and cause water splash and leakage.

7-6

Cool

Test Operation

Press ON/OFF button (within 10 seconds).

7-7

Air volume/direction

Air Volume
Low

Direction
Position 0

Return   Setting
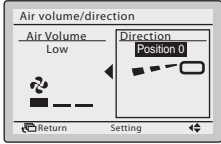
Press Airflow Setting button.

To select airflow direction setting, press " ▶ " (Right) button on the setting screen.

7-9

Air volume/direction

Air Volume
Low

Direction
Position 0

Return   Setting
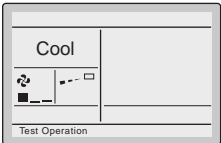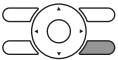
Change the airflow direction by using " ▼▲ " (Up/Down) button.
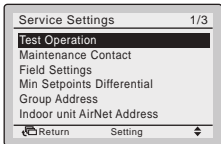
Press Menu/Enter button.

7-10

Cool

Test Operation

Press and hold Cancel button for 4 seconds or longer during backlight lit.

7-11

Service Settings   1/3
Test Operation
Maintenance Contact
Field Settings
Min Setpoints Differential
Group Address
Indoor unit AirNet Address
Return   Setting

Press Menu/Enter button.

<Basic screen>

⚠ CAUTION

- If operation is not available due to any malfunction, refer to following **Malfunction diagnosis method** .
- After the test operation finishes, check that malfunction (error) code history is not displayed in the Maintenance Information screen of the Main menu according to the following procedure.

7-14 Press Menu/Enter button in the Basic screen. Main menu screen is displayed.

7-15 Select **Maintenance Information** in the Main menu, and press Menu/Enter button.

7-16 Maintenance Information screen is displayed. Check that malfunction (error) code history is not displayed in the screen.
* If no malfunction (error) code history is displayed following this procedure the system has normally completed the test operation.

7-17 If the malfunction (error) code history is displayed, conduct the failure diagnosis referring to <Malfunction code list> in the installation manual of the indoor unit.
After the failure diagnosis finishes, press and hold ON/OFF button for 4 seconds or longer in the "Maintenance Information" screen to erase the malfunction (error) code history.

<Basic screen>

7-14
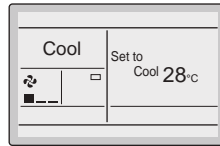
```
Cool          Set to
              Cool 28°C
⟳      ▭
■__
```

Press Menu/Enter button.

<Main menu screen>

7-15
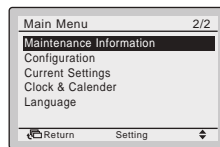
```
Main Menu              2/2
Maintenance Information
Configuration
Current Settings
Clock & Calender
Language
⤺Return    Setting    ⬍
```

Press Menu/Enter button.

7-16
7-17

```
Error code:U5
Contact Info
0123−456−7890

Indoor Model    −−/000
Outdoor Model   −−/000
⤺Return
```
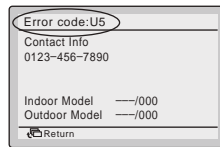
Press and hold ON/OFF button for 4 seconds or longer during backlight lit.

Malfunction diagnosis method

- When the remote controller displays any item in following table, inspect the details in the table.
- If a malfunction (error) occurs, "code" is displayed.
Conduct the failure analysis referring to "Malfunction code list" in the installation manual of the indoor unit.
And when the unit No. which detected the malfunction (error) during group control is confirmed, refer to "**8. Checking procedure of Malfunction (Error) History**".

Remote controller display	Description
No display	● Power outage, power voltage failure or open-phase ● Wrong wiring (between indoor and outdoor units) ● Indoor Printed Circuit Board assembly failure ● Remote controller wiring disconnection ● Remote controller failure ● Fuse blown (outdoor unit)
Display of "Checking the connection. Please stand by." is turned on. ∗	● Indoor Printed Circuit Board assembly failure ● Wrong wiring (between indoor and outdoor units)

∗ Though "Checking the connection. Please stand by." is displayed for 90 seconds at maximum after turn on the power supply, this does not mean a malfunction. (Determine after 90 seconds.)

8. Checking procedure of Malfunction (Error) History

8-1 Press and hold Cancel button for 4 seconds or longer in the Basic screen. Service Settings menu is displayed.

8-2 Select **Error History** in the Service Settings menu, and press Menu/Enter button. The Error History menu screen is displayed.

8-3 Select **RC Error History** in the Error History menu, and press Menu/Enter button.
Malfunction (Error) codes and Unit No. can be confirmed in the RC Error History screen.

8-4 In the Malfunction (Error) History, 10 items from the latest are displayed in order.

8-5 Press Cancel button in the RC Error History screen 3 times.
The Basic screen returns.

8-1 <Basic screen>

<Service Settings menu screen>

8-2
Service Settings   1/3
Indoor unit AirNet Address
Outdoor unit AirNet Address
Error History
Indoor Unit Status
Outdoor Unit Status
Forced Fan ON
Return   Setting   ⬍

Press Menu/Enter button.

8-3
Error History
RC Error History
Indoor unit Error History

Return   Setting   ⬍

Press Menu/Enter button.

8-4
8-5
RC Error History   1/3
     Unit Error   Date   Time
01   —   —   —/—/—   —:—
02   —   —   —/—/—   —:—
03   —   —   —/—/—   —:—
04   —   —   —/—/—   —:—
Return   ◄ ►
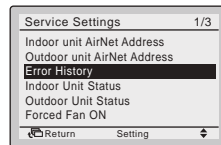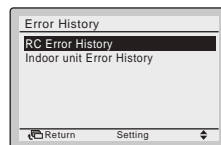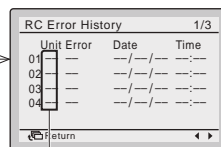
Unit No.
Latest record

9. Registration method of the Maintenance Contact

● Registration of the service contact.

9-1 Press and hold Cancel button for 4 seconds or longer in the Basic screen.
Service Settings menu is displayed.

9-2 Select **Maintenance Contact** in the Service Settings menu, and press Menu/Enter button. Maintenance Contact menu screen is displayed.

9-3 Select **Maintenance Contact** , and press Menu/Enter button.

9-4 Enter the telephone number. Numeric varies by using " ▼▲ " (Down/Up) button. Enter from the left end, and blank digit should be left as " - ".

9-5 Press Menu/Enter button. Setting confirmation screen is displayed.

9-6 Select **Yes** and press Menu/Enter button.
Setting details are determined and Service Settings menu screen returns.

9-7 Press Cancel button once. The Basic screen returns.

9-1 **<Basic screen>**

<Service Settings menu screen>

9-2

Service Settings	1/3
Test Operation	
Maintenance Contact	
Field Settings	
Demand	
Min Setpoints Differential	
Group Address	
Return Setting	⬍

Press Menu/Enter button.

9-3

Maintenance Contact
None
Maintenance Contact
Return   Setting   ⬍

Press Menu/Enter button.

9-4

Maintenance Contact
▮ - - - - - - - - - - - - - - -
Return   Setting   ◀⬍▶

Press Menu/Enter button.

9-5

Maintenance Contact
0123−456−789**0**−−−
Return   Setting   ◀⬍▶

Press Menu/Enter button.

<Setting confirmation screen>

9-6

Maintenance Contact
Save the settings?
Yes   No
Return   Setting   ▶

Press Menu/Enter button.

<Basic screen>

10. Confirmation of registered details

10-1 Press Menu/Enter button in the Basic screen.
Main menu is displayed.
Select **Maintenance Information** in the Main menu, and press Menu/Enter button.
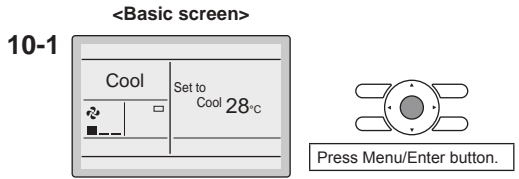
10-2 Press Cancel button twice.
The Basic screen returns.

<Basic screen>

10-1

Cool | Set to
Cool 28°C

Press Menu/Enter button.

<Main menu screen>

Main Menu   2/2
Maintenance Information
Configuration
Current Settings
Clock & Calender
Language
Return   Setting   ↕

Press Menu/Enter button.

Maintenance Information
Contact Info
0123−456−7890

Indoor Model   −−−/000
Outdoor Model   −−−/000
Return

Registered details are displayed.
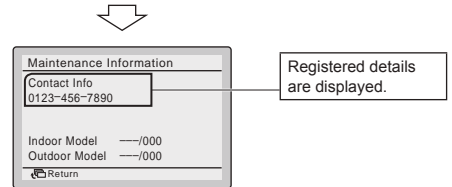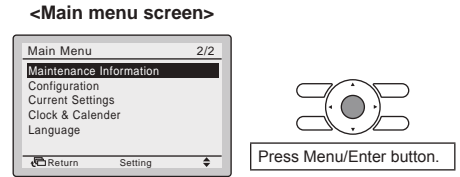
11. Clock & Calendar

11-1 Press Menu/Enter button in the Basic screen.
Main menu is displayed.
Select **Clock & Calendar** in the Main menu, press Menu/Enter button.

11-2 Press " ▼▲ " buttons to select **Date & Time** on the Clock & Calendar screen.
∗ The Date & Time screen will appear when the Menu/Enter button is pressed.

11-3 Select "Year", "Month", "Day" and time by using " ◀▶ " (Left/Right) button and set by using " ▼▲ " (Down/Up) button in the Date & Time screen. Press and hold the button for continuous change of the numeric value.
∗ Day of the week is set automatically.

11-4 Press Menu/Enter button.
Setting confirmation screen is displayed.

11-5 Select **Yes** and press Menu/Enter button.
Setting details are confirmed and Basic screen returns.

∗ If duration of power outage exceeds 48 hours, reset is needed.

<Basic screen>

⬇

<Main menu screen>

11-1

Main Menu	2/2
Maintenance Information	
Configuration	
Current Settings	
Clock & Calendar	
Language	
⮌Return Setting	⬍

Press Menu/Enter button.

⬇

11-2

Clock & Calendar
Date & Time
12H/24H Clock
⮌Return   Setting   ⬍

Press Menu/Enter button.

⬇

11-3
11-4

Date & Time
Year 2013
Month 01
Day   01
Tuesday
0:00
⮌Return   Setting   ◀⬍▶

Press Menu/Enter button.

⬇

11-5

Date & Time
Save the settings?
Yes   No
⮌Return   Setting   ▶

Press Menu/Enter button.

⬇

<Basic screen>

12. Language

12-1 Press Menu/Enter button in the Basic screen.
Main menu is displayed.
Select **Language** in the Main menu, press Menu/Enter button.

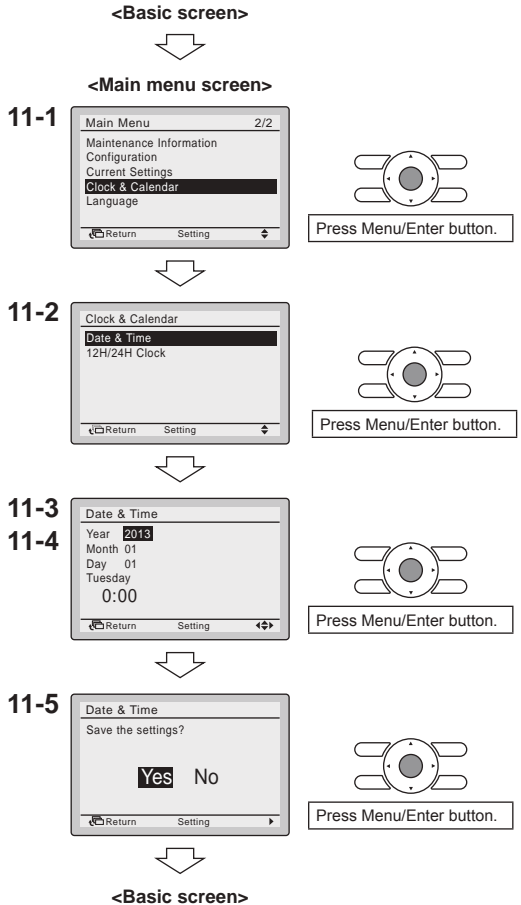**12-2** Press " ▼▲ " (Down/Up) buttons to select "Language" on the Language screen.
English/Deutsch/Français/Italiano/Español/Português/Nederlands/русский/Ελληνικά/Türkçe/Polski
Press Menu/Enter button.
Setting details are confirmed and Basic screen returns.

\<Basic screen\>

\<Main menu screen\>

12-1

Main Menu	2/2
Maintenance Information	
Configuration	
Current Settings	
Clock & Calendar	
Language	
Return Setting ◆	

Press Menu/Enter button.

12-2

Language
English
Return   Setting   ◆

13. Prohibit buttons

● Restriction of the number of operable buttons.

13-1 Press Menu/Enter button in the Basic screen.
Main menu is displayed.
Normally, "Lock function" is not shown in Main menu.
Press Menu/Enter button for 4 seconds to display the "Lock function".

13-2 Select **Lock function** in the Main menu, press Menu/Enter button.

13-3 Select **Prohibit Buttons** in the menu, press Menu/Enter button.

13-4 Select "Up/Down/L/R", "ON/OFF", "Mode", Fan Speed"
by using " ◀▶ " (Left/Right) button and set by using " ▼▲ " (Down/Up) button.

13-5 Press Menu/Enter button.
Setting confirmation screen is displayed.

13-6 Select **Yes** and press Menu/Enter button.
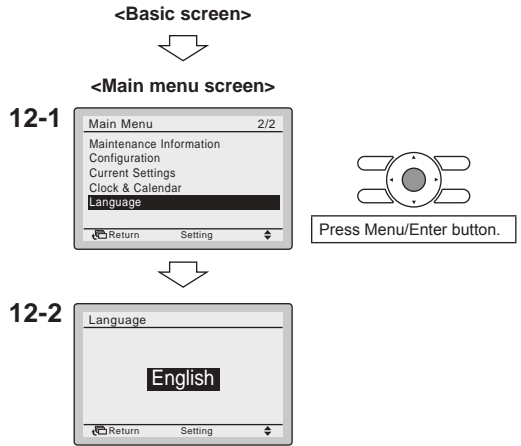Setting details are confirmed and Basic screen returns.

If you want to restrict the number of operable buttons on the remote controller to be defined as "sub", start with only connecting this controller to the unit. Make sure that this controller is set to "main" (factory set) first, change the restrictions to the setting you prefer and only then set the remote controller to "sub".

13-7 To lock menu button in Basic screen, proceed as follows:
1. Keep the " ▶ " button pressed.
2. Press the 3 other indicated keys simultaneously while keeping the " ▶ " button pressed.

To unlock menu button in Basic screen, follow the same procedure.

NOTE: When pressing a prohibit buttons, the " 🔑 " will be displayed.
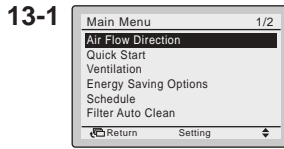
<Basic screen>

<Main menu screen>

13-1

Main Menu	1/2
Air Flow Direction	
Quick Start	
Ventilation	
Energy Saving Options	
Schedule	
Filter Auto Clean	
Return Setting	⬍

Press Menu/Enter button for 4 seconds.

13-2

Main Menu	1/2
Lock function	
Air Flow Direction	
Quick Start	
Ventilation	
Energy Saving Options	
Schedule	
Return Setting	⬍

Press Menu/Enter button.

13-3

Lock function	
Prohibit Buttons	
Function prohibition	
Return Setting	⬍

Press Menu/Enter button.

13-4
13-5

Prohibit Buttons	
Up/Dwn/L/R: UNLOCK	
On/Off: UNLOCK	
Mode: LOCK	
Fan Speed: LOCK	
Return Setting	◀⬍▶

Press Menu/Enter button.

13-6
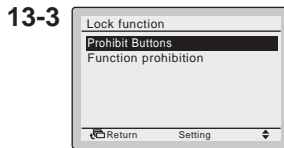
Prohibit Buttons	
Save the settings?	
Yes No	
Return Setting	▶
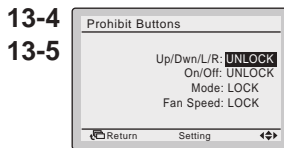
Press Menu/Enter button.

<Basic screen>

13-7

14. Prohibit Function

● Restriction of the number of operable functions.

14-1 Press Menu/Enter button in the Basic screen.
Main menu is displayed.
As usual, "Lock function" is not shown in Main menu.
Press Menu/Enter button for 4 seconds to display the "Lock function".

14-2 Select **Lock function** in the Main menu, press Menu/Enter button.

14-3 Select **Function prohibition** in the menu, press Menu/Enter button.

14-4 Select function by using " ◀▶ " (Left/Right) button and set by using " ▼▲ " (Down/Up) button.

14-5 Press Menu/Enter button.
Setting confirmation screen is displayed.

14-6 Select **Yes** and press Menu/Enter button.
Setting details are confirmed and Basic screen returns.

If you want to restrict the number of operable functions on the remote controller to be defined as "sub", start with only connecting this controller to the unit. Make sure that this controller is set to "main" (factory set) first, change the restrictions to the setting you prefer and only then set the remote controller to "sub".

NOTE: When a function is prohibited, the " 🔑 " will be displayed next to the function in the Main menu screen.

<Basic screen>

<Main menu screen>

14-1

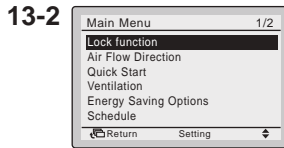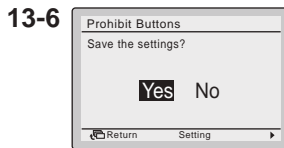| Main Menu	1/2
Air Flow Direction	
Quick Start	
Ventilation	
Energy Saving Options	
Schedule	
Filter Auto Clean	
⏎Return Setting	⬍

Press Menu/Enter button for 4 seconds.

14-2

Main Menu	1/2
Lock function	
Air Flow Direction	
Quick Start	
Ventilation	
Energy Saving Options	
Schedule	
⏎Return Setting	⬍

Press Menu/Enter button.

14-3

Lock function	
Prohibit Buttons	
Function prohibition	
⏎Return Setting	⬍

Press Menu/Enter button.

14-4
14-5

Function prohibition	
Schedule:	UNLOCK
Configuration:	UNLOCK
Clock & Calendar:	UNLOCK
Energy Saving List:	LOCK
Setpoint range Set:	UNLOCK
Set back condition:	UNLOCK
⏎Return Setting	◀⬍▶

Press Menu/Enter button.

14-6

Function prohibition	
Save the settings?	
Yes No	
⏎Return Setting	▶

Press Menu/Enter button.

<Basic screen>