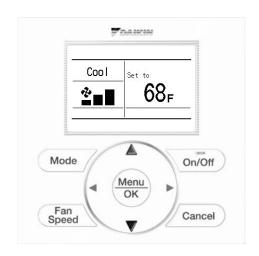**DAIKIN**

Service Manual

Navigation Remote Controller (Wired Remote Controller) BRC1E73

Navigation Remote Controller (Wired Remote Controller) BRC1E73

1. Introduction

1.1   Safety Precautions

Read the safety precautions attentively for the correct use of the product.

■ The precautions described herein are classified as WARNING and CAUTION.
They both contain important information regarding safety. Be sure to observe all precautions without fail.

i	**Note:**	A "note" provides information that is not indispensable, but may nevertheless be valuable to the reader, such as tips and tricks.
⚠	**Warning**	Failure to follow these instructions properly may result in personal injury or loss of life.
⚠	**Caution**	Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

■ The following pictograms are used in this manual.

🚫	Never do.	❗	Always follow the instructions given.
⏚	Be sure to ground the unit.	🖐	Absolutely keep wet hands away.
🚫💧	Absolutely keep water and moisture away.		

1.1.1   About Remote Controller

⚠ **Warning**	
■ **Do not install the remote controller by yourself.** Improper installation may result in electric shocks or fire. Consult your Daikin dealer.	🚫
■ **Do not modify or repair the remote controller.** This may result in electric shocks or fire. Consult your Daikin dealer.	🚫
■ **Do not relocate or reinstall the remote controller by yourself.** Improper installation may result in electric shocks or fire. Consult your Daikin dealer.	🚫
■ **Do not use flammable materials (e.g., hairspray or insecticide) near the product.** Do not clean the product with organic solvents such as paint thinner. The use of organic solvents may cause crack damage to the product, electric shocks, or fire.	🚫

⚠ **Caution**	
■ **Do not play with the unit or its remote controller.** Accidental operation by a child may result in impairment of bodily functions and can be harmful to human health.	🚫
■ **Never disassemble the remote controller.** Touching the interior parts may result in electric shocks or fire. Consult your Daikin dealer or authorized contractor for internal inspections and adjustments.	🚫
■ **To avoid electric shocks, do not operate with wet hands.**	🚫
■ **Do not wash the remote controller.** Doing so may cause electric leakage and result in electric shocks or fire.	🚫
■ **Do not leave the remote controller wherever there is a risk of wetting.** If water gets into the remote controller there is a risk of electrical leakage and damage to electronic components.	🚫

1.1.2 Indoor Unit and Outdoor Unit

⚠ **Warning**	
■ **Be aware that prolonged, direct exposure to cool or warm air from the air conditioner, or to air that is too cool or too warm can be harmful to your physical condition and health.**	🚫
■ **Do not place objects, including rods, your fingers, etc., in the air inlet or outlet.** Injury may result due to contact with the air conditioner's high-speed fan blades.	🚫
■ **Contact professional personnel about attachment of accessories and be sure to use only accessories specified by the manufacturer.** If a defect results from your own workmanship, it may result in water leaks, electric shock or fire.	🚫
■ **Do not use the product in an atmosphere contaminated with oil vapor, such as cooking oil or machine oil vapor.** Oil vapor may cause crack damage, electric shocks, or fire.	🚫

⚠ **Warning**	
■ **Do not use the product in places with excessive oily smoke, such as cooking rooms, or in places with flammable gas, corrosive gas, or metal dust.** Using the product in such places may cause fire or product failures.	🚫
■ **Beware of fire in case of refrigerant leakage.** If the air conditioner is not operating correctly, i.e. not generating cool or warm air, refrigerant leakage could be the cause. Consult your dealer for assistance. The refrigerant within the air conditioner is safe and normally does not leak. However, in the event of a leakage, contact with a naked burner, heater or cooker may result in generation of noxious gas. Do not use the air conditioner until a qualified service person confirms that the leakage has been repaired.	🚫
■ **In the case of using a load breaker provided with a fuse, make sure that the capacity of the fuse is correct.** Use of an ordinary conductive wire may cause malfunctions or fire.	🚫
■ **Do not start or stop operating the air conditioner with the power supply breaker turned ON or OFF.** Otherwise, fire or water leakage may result. Furthermore, the fan will rotate abruptly if power failure compensation is enabled, which may result in injury.	🚫
■ **Be sure to earth the unit.** Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks or fire. A high surge current from lightning or other sources may cause damage to the air conditioner.	⏚
■ **When the air conditioner is malfunctioning (giving off a burning odour, etc.) turn OFF power to the unit and contact your local dealer.** Continued operation under such circumstances may result in a failure, electric shocks or fire hazards.	❗
■ **Consult your local dealer regarding what to do in case of refrigerant leakage.** When the air conditioner is to be installed in a small room, it is necessary to take proper measures so that the amount of any leaked refrigerant does not exceed the concentration limit in the event of a leakage. Otherwise, this may lead to an accident due to oxygen depletion.	❗
■ **Be sure to install an earth leakage breaker.** Failure to install an earth leakage breaker may result in electric shocks or fire.	❗
■ **Consult the dealer if the air conditioner submerges owing to a natural disaster, such as a flood or typhoon.** Do not operate the air conditioner in that case, or otherwise a malfunction, electric shock, or fire may result.	❗
■ **Be sure to use a dedicated power supply for the air conditioner.** The use of any other power supply may cause heat generation, fire, or product failures.	❗
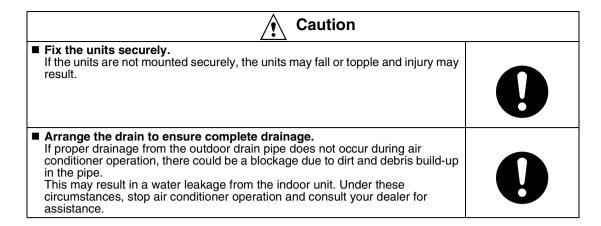
⚠ **Caution**	
■ **After prolonged use, check the unit stand and its mounts for damage.** If left in a damaged condition, the unit may fall and cause injury.	🚫
■ **Do not allow a child to mount on the outdoor unit or avoid placing any object on it.** Falling or tumbling may result in injury.	🚫
■ **Do not block air inlets nor outlets.** Impaired airflow may result in insufficient performance or trouble.	🚫
■ **To avoid injury, do not touch the air inlet or aluminium fins of the unit.**	🚫
■ **Do not remove the outdoor unit's fan guard.** The guard protects against the unit's high speed fan, which may cause injury.	🚫
■ **Do not place objects that are susceptible to moisture directly beneath the indoor or outdoor units.** Under certain conditions, condensation on the main unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, resulting in fouling or failure of the object concerned.	🚫
■ **Do not place water containers (flower vases, etc.) on the unit, as this may result in electric shocks or fire.**	🚫
■ **Do not use the air conditioner for purposes other than those for which it is intended.** Do not use the air conditioner for cooling precision instruments, food, plants, animals or works of art as this may adversely affect the performance, quality and/or longevity of the object concerned.	🚫
■ **Do not place appliances that produce naked flames in places exposed to the airflow from the unit as this may impair combustion of the burner.**	🚫
■ **Do not place heaters directly below the unit, as resulting heat can cause deformation.**	🚫

⚠ Caution	
■ **Be sure that children, plants or animals are not exposed directly to airflow from the unit, as adverse effects may ensue.**	🚫
■ **Do not put flammable containers, such as spray cans, within 1m from the blow-off mouth.** The containers may explode because the warm air output of the indoor or outdoor unit will affect them.	🚫
■ **Do not install the air conditioner at any place where there is a danger of flammable gas leakage.** In the event of a gas leakage, build-up of gas near the air conditioner may result in fire hazards.	🚫
■ **Do not sit or stand on any unstable base at the time of operating or maintaining the air conditioner.** The base may topple down and injury may result.	🚫
■ **Do not touch the motor at the time of filter replacement.** The motor operates at high temperatures and a burn may result.	🚫
■ **Do not wash the air conditioner with water, as this may result in electric shocks or fire.**	🚫
■ **Perform ventilation from time to time.** Be careful when using the air conditioner with other heating equipment. Insufficient ventilation may result in oxygen deficiency.	❗
■ **Always stop the operation of the air conditioner and turn OFF the breaker at the time of cleaning.** Failure to do so may result in an electric shock or injury.	❗
■ **Do not wash the interior of the indoor and outdoor units by yourself. Always consult your Daikin dealer.** The use of an incorrect washing method or incorrect detergent may damage the resin parts of the indoor unit or cause water leakage. Moreover, malfunctions, smoke generation, or ignition may result if the electric parts or motor in the indoor unit are wet with detergent.	❗
■ **Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit.** Leaves are a hotbed for small animals which can enter the unit. Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.	❗
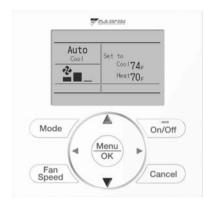
⚠ **Caution**	
■ **Fix the units securely.** If the units are not mounted securely, the units may fall or topple and injury may result.	❗
■ **Arrange the drain to ensure complete drainage.** If proper drainage from the outdoor drain pipe does not occur during air conditioner operation, there could be a blockage due to dirt and debris build-up in the pipe. This may result in a water leakage from the indoor unit. Under these circumstances, stop air conditioner operation and consult your dealer for assistance.	❗

Part 1
Remote Controller

1. Features

BRC1E73

- Selectable Screen Display .... 3 types of displays are available; Standard, Detailed and Simple.
- Clear Display .... Equipped with backlight and large sized character display and buttons.
- Stylish .... Basic tone is white and arrow keys are located at the center.
- Simple Operation .... Simple operation used with arrow keys and menu-driven method.
- Multilingual Display .... Available for selection of 3 languages to display arbitrarily.
- Convenient Features .... Schedule function and Daylight Saving Time function are improved.

1.1   Selectable Screen Display

- Thanks to dot LCD, 3 different displays can be selected to meet various customers.
- New Simple display helps the customers to use easily.
- In Auto mode, the actual operation mode (Cool or Heat) is newly displayed.

Detailed display	**Standard display**	**Simple display**

·Larger room temperature display
·Layout to fill the entire screen

Note: CENTRAL CONTROL , MASTER CONTROLLED , and **This function is not available** are not displayed.

1.2 Functions
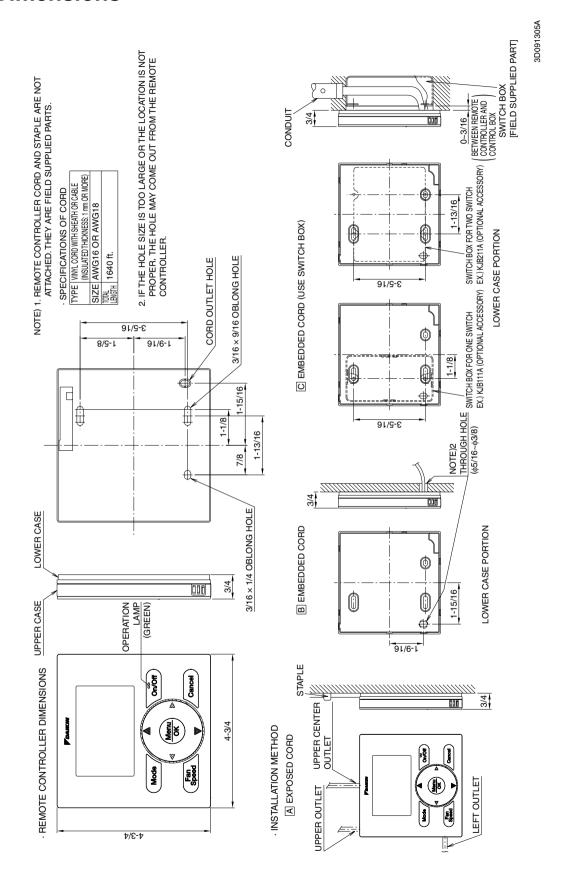
Category	Function	BRC1E73
Basic Functions	Drawing display	Full dot LCD
	Operation method	Menu selection
	Backlight function	○
Convenient Functions	Clock function (time display)	○
	Display selection	○ ∗1
	Keylock function	○
	Daylight saving time function	○
	Schedule (weekly) timer	○
Maintenance/Services	Model name display	○ ∗2 ∗3 ∗5
	Contact dealer display	○ ∗3 ∗4
	Operation time display	○ ∗2
	Operational data display	○ ∗2

○: Possible
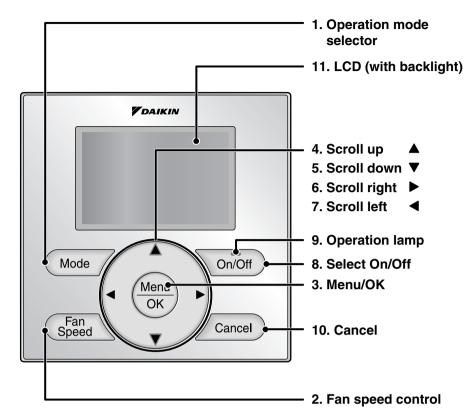
∗1 Used for setting Standard Display mode, Detailed Display mode or Simple Display mode.
∗2 Can display for some model only.
∗3 When an error occurs, the error code blinks and the contact address and model names appear.
∗4 The contact address must be registered when the controller is installed.
∗5 For some models, model codes are displayed instead of model names.

1.3 Dimensions

3D091305A

NOTE) 1. REMOTE CONTROLLER CORD AND STAPLE ARE NOT ATTACHED. THEY ARE FIELD SUPPLIED PARTS.

· SPECIFICATIONS OF CORD

TYPE	VINYL CORD WITH SHEATH OR CABLE (INSULATED THICKNESS: 1 mm OR MORE)
SIZE	AWG16 OR AWG18
TOTAL LENGTH	1640 ft.

2. IF THE HOLE SIZE IS TOO LARGE OR THE LOCATION IS NOT PROPER, THE HOLE MAY COME OUT FROM THE REMOTE CONTROLLER.

CORD OUTLET HOLE

3/16 × 9/16 OBLONG HOLE

LOWER CASE

UPPER CASE

3/16 × 1/4 OBLONG HOLE

· REMOTE CONTROLLER DIMENSIONS

OPERATION LAMP (GREEN)

· INSTALLATION METHOD

A EXPOSED CORD

STAPLE

UPPER CENTER OUTLET

UPPER OUTLET

LEFT OUTLET

CONDUIT

SWITCH BOX [FIELD SUPPLIED PART]

0~3/16 (BETWEEN REMOTE CONTROLLER AND CONTROL BOX)

SWITCH BOX [FIELD SUPPLIED PART]

C EMBEDDED CORD (USE SWITCH BOX)

SWITCH BOX FOR TWO SWITCH EX.) KJB211A (OPTIONAL ACCESSORY)

LOWER CASE PORTION

SWITCH BOX FOR ONE SWITCH EX.) KJB111A (OPTIONAL ACCESSORY)

LOWER CASE PORTION

NOTE)2 THROUGH HOLE (φ5/16~φ3/8)

B EMBEDDED CORD

LOWER CASE PORTION

2. Button Locations and Descriptions

1. Operation mode selector

11. LCD (with backlight)

4. Scroll up   ▲
5. Scroll down ▼
6. Scroll right ▶
7. Scroll left   ◀

9. Operation lamp
8. Select On/Off
3. Menu/OK
10. Cancel

2. Fan speed control

Mode

Menu / OK

Fan Speed

On/Off

Cancel

Functions other than basic operation items (i.e., On/Off, Operation Mode, Fan Speed, and Setpoints) are set from the menu screens.

NOTE
- Never install the remote controller in places exposed to direct sunlight or the LCD will be damaged.
- Never pull or twist the remote controller cord or the remote controller may be damaged.
- Never use objects with sharp ends to press the buttons on the remote controller or damage may result.

1. Operation mode selector
- Press this button to select the operation mode of your preference.
  * Available modes vary with the indoor unit model.

2. Fan speed control
- Press this button to select the fan speed of your preference.
  * Available fan speeds vary with the indoor unit model.

3. Menu/OK
- Used to enter the main menu.
- Used to enter the selected item.

4. Scroll up ▲
- Used to increase the setpoint.
- The item above the current selection will be highlighted.
  (The highlighted items will be scrolled continuously when the button is pressed continuously.)
- Used to change the selected item.

5. Scroll down ▼
- Used to decrease the setpoint.
- The item below the current selection will be highlighted.
  (The highlighted items will be scrolled continuously when the button is pressed continuously.)
- Used to change the selected item.

6. Scroll right ▶
- Used to highlight the next item on the right-hand side.
- Items are scrolled through in the right-hand direction.

7. Scroll left ◀
- Used to highlight the next item on the left-hand side.
- Items are scrolled through in the left-hand direction.

8. Select On/Off
- Press to start the unit(s).
- Press this button again to stop the system.

9. Operation lamp
- This lamp is lit solid green during normal operation.
- This lamp blinks if an error occurs.

10. Cancel
- Used to return to the previous screen.

11. LCD (with backlight)
- The backlight will be illuminated for approximately 30 seconds by pressing any button.
- If two remote controllers are used to control a single indoor unit, whichever controller is accessed first will have backlight functionality at that time.

Maintaining the Unit and LCD Display

- Wipe the LCD and surface of the remote controller with a dry cloth when they become dirty.
- If the dirt on the surface cannot be removed, soak the cloth in neutral detergent diluted with water, squeeze the cloth tightly, and clean the surface. Wipe the surface with a dry cloth.
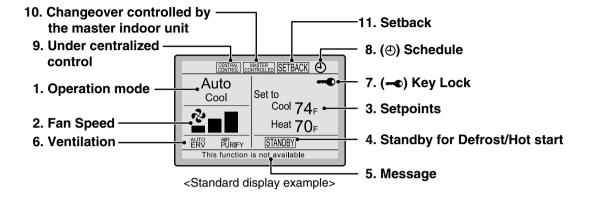
Note
- Do not use any paint thinner, organic solvent, or strong acid.

3. Names and Functions of the Liquid Crystal Display
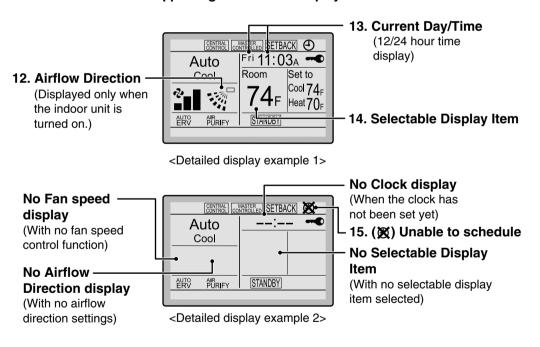
- Three variations of the display mode (Standard, Detailed, and Simple) are available.
- Standard display is set by default.
- Detailed and Simple displays may be selected in the main menu.

Standard display

10. Changeover controlled by the master indoor unit

11. Setback

9. Under centralized control

8. (⏱) Schedule

1. Operation mode

7. (⊸●) Key Lock

3. Setpoints

2. Fan Speed

6. Ventilation

4. Standby for Defrost/Hot start

5. Message

<Standard display example>
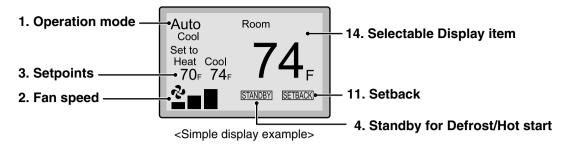
Detailed display

- **Airflow direction, clock, and selectable items appear on the Detailed display screen in addition to the items appearing on Standard display.**

13. Current Day/Time
(12/24 hour time display)

12. Airflow Direction
(Displayed only when the indoor unit is turned on.)

14. Selectable Display Item

<Detailed display example 1>

No Fan speed display
(With no fan speed control function)

No Airflow Direction display
(With no airflow direction settings)

No Clock display
(When the clock has not been set yet)

15. (⊠) Unable to schedule

No Selectable Display Item
(With no selectable display item selected)

<Detailed display example 2>

Simple display

1. Operation mode —————
3. Setpoints —————
2. Fan speed —————

14. Selectable Display item

11. Setback

4. Standby for Defrost/Hot start

<Simple display example>

Note for all display modes
- Depending on the field settings, while the indoor unit is stopped, OFF may be displayed instead of the operation mode and/or the setpoint may not be displayed.

1. Operation mode
- Used to display the current operation mode: Cool, Heat, Vent, Fan, Dry or Auto.
- In Auto mode, the actual operation mode (Cool or Heat) will be also displayed.
- Operation mode cannot be changed when OFF is displayed.
  Operation mode can be changed after starting operation.

2. Fan Speed
- Used to display the fan speed that is set for the indoor unit.
- The fan speed will not be displayed if the connected model does not have fan speed control functionality.

3. Setpoints
- Used to display the setpoint for the indoor unit.
- Use the Celsius/Fahrenheit item in the main menu to select the temperature unit (Celsius or Fahrenheit).

4. Standby for Defrost/Hot start " STANDBY "
If ventilation icon is displayed in this field:
- Indicates that an Energy Recovery Ventilator (ERV) is connected.
  For details, refer to the Operation Manual of the ERV.

5. Message
The following messages may be displayed.
"This function is not available"
- Displayed for a few seconds when an Operation button is pressed and the indoor unit does not provide the corresponding function.
- In a remote control group, the message will not appear if at least one of the indoor units provides the corresponding function.

"Error: Push Menu button"
"Warning: Push Menu button"
- Displayed if an error or warning is detected.

"Time to clean filter"
"Time to clean element"
"Time to clean filter & element"
- Displayed as a reminder when it is time to clean the filter and/or element.

6. Ventilation
- Displayed when an Energy Recovery Ventilator is connected.
- **Ventilation Mode icon "AUTO ERV, ERV, BYPASS "**
  These icons indicate the current ventilation mode (ERV only).
- **Air Purify icon "** AIR PURIFY **"**
  This icon indicates that the air purifying unit (Optional) is in operation.

7. Key Lock
- Displayed when the key lock is set.

8. Schedule
- Displayed if the Schedule or Off timer is enabled.

9. Under Centralized control " CENTRAL CONTROL "
- Displayed if the system is under the management of a multi-zone controller (Optional) and operation of the system through the remote controller is limited.

10. Changeover controlled by the master indoor unit " MASTER CONTROLLED " (*VRV* only)
- Displayed when another indoor unit on the system has the authority to change the operation mode between cool and heat.

11. Setback " SETBACK "
- The setback icon flashes when the unit is turned on by the setback control.

12. Airflow Direction " "
- Displayed when the airflow direction and swing are set.
- If the connected indoor unit model does not include oscillating louvers this item will not be displayed.

13. Current Day/Time (12/24 hour display)
- Displayed if the clock is set.
- If the clock is not set, " -- : -- " will be displayed.
- 12 hour format is displayed by default.
- Select 12/24 hour display option in the main menu under **Clock & Calendar**.

14. Selectable Display Item
- Room temperature is selected by default.
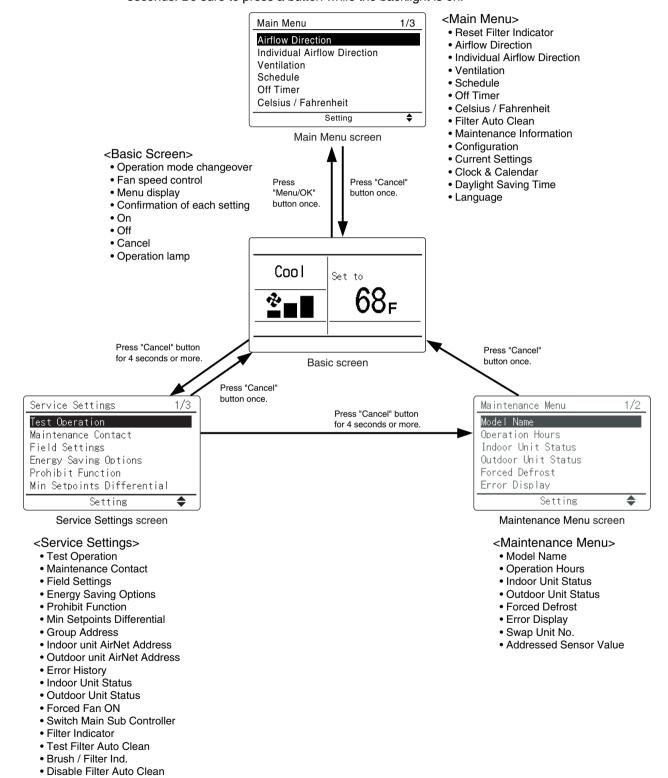
15. Unable to Schedule
- Displayed when the clock needs to be set.
- The schedule function will not work unless the clock is set.

4. Mode Access Operation

On power-up, the message "Checking the connection. Please standby." will be displayed on the remote controller screen temporarily and then the basic screen will be displayed. To access a mode from the basic screen, refer to the figure below.

When any of the operation buttons is pressed, the backlight will come on and remain lit for about 30 seconds. Be sure to press a button while the backlight is on.

```
Main Menu                    1/3
Airflow Direction
Individual Airflow Direction
Ventilation
Schedule
Off Timer
Celsius / Fahrenheit
              Setting          ⬍
```
Main Menu screen

<Main Menu>
- Reset Filter Indicator
- Airflow Direction
- Individual Airflow Direction
- Ventilation
- Schedule
- Off Timer
- Celsius / Fahrenheit
- Filter Auto Clean
- Maintenance Information
- Configuration
- Current Settings
- Clock & Calendar
- Daylight Saving Time
- Language

<Basic Screen>
- Operation mode changeover
- Fan speed control
- Menu display
- Confirmation of each setting
- On
- Off
- Cancel
- Operation lamp

Press "Menu/OK" button once.

Press "Cancel" button once.

```
Cool     Set to
❄▮▮      68 F
```
Basic screen

Press "Cancel" button for 4 seconds or more.

Press "Cancel" button once.

Press "Cancel" button once.

Press "Cancel" button for 4 seconds or more.

Press "Cancel" button once.

```
Service Settings             1/3
Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Function
Min Setpoints Differential
              Setting          ⬍
```
Service Settings screen

```
Maintenance Menu             1/2
Model Name
Operation Hours
Indoor Unit Status
Outdoor Unit Status
Forced Defrost
Error Display
              Setting          ⬍
```
Maintenance Menu screen

<Service Settings>
- Test Operation
- Maintenance Contact
- Field Settings
- Energy Saving Options
- Prohibit Function
- 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

<Maintenance Menu>
- Model Name
- Operation Hours
- Indoor Unit Status
- Outdoor Unit Status
- Forced Defrost
- Error Display
- Swap Unit No.
- Addressed Sensor Value

Display when an error or warning occurs

(1) When an error occurs:

The Operation lamp (green) will start to flash. The message "Error: Push Menu button" will be displayed at the bottom of the screen. → Press the "Menu/OK" button to see the error details.

(2) When a warning occurs:

The Operation lamp (green) will remain on. The message "Warning: Push Menu button" will be displayed at the bottom of the screen. → Press the "Menu/OK" button to see the warning details.

■ **Contact your Daikin dealer in the following cases.**

Operation

1

Cool	Set to
🌀▪■	74F

Error : Push Menu button

- If an error occurs, either one of the following items will flash in the basic screen.

  Error: Push Menu button
    ∗ The Operation lamp will flash.
    ∗ For Simple display, the message is not displayed, and only the Operation lamp flashes.

  Warning: Push Menu button
    ∗ The Operation lamp will not flash.
    ∗ For Simple display, the message is not displayed, and the Operation lamp does not flash, either.

Operation lamp

- Press **Menu/OK** button.

2

Error Code: A1

Contact Info
0123-456-7890

Indoor Model   ---/000
Outdoor Model   ---/000

- The error code will flash and the service contact and model name or code may be displayed.
- Notify your Daikin dealer of the Error code and model name or code.

5. Basic Screen Operation

On power-up, the basic screen will be displayed.
The following operations can be performed directly from the basic screen.

Item		Operation Procedures
1. Start operation		Press the "On/Off" button. The Operation lamp (green) will come on and the unit will start operating.
2. Stop operation		Press the "On/Off" button while the unit is operating. The Operation lamp (green) will go out and the unit will stop.
3. Switch between operation modes		Each time the "Operation mode selector" button is pressed, the operation mode will change, in the order shown below: (1) Fan → (2) Dry (∗) → (3) Auto (∗) → (4) Cooling → (5) Heating (∗) → (6) Ventilation/Purifying (∗) → (7) Ventilation (∗) → (8) Purifying (∗) → Return to (1). The operation modes marked with an ∗ are not displayed if the system is not equipped to perform the corresponding function.
4. Change the fan speed mode		Each time the "Fan speed control" button is pressed, the fan speed will change, in the order shown below: (1) Low → (2) Medium (∗) → (3) High → (4) Auto The fan speed mode marked with an ∗ is not displayed if the system is not equipped to perform this function.
5. Change the set temperature		Use the "▲/▼(Up/Down)" buttons to set the desired temperature.
6. Access each mode	To select the Main Menu	Press the "Menu/OK" button once to access the Main Menu.
	To select the Service settings mode	Press and hold the "Cancel" button for 4 seconds or more to access the Service Settings mode.
	To select the Maintenance Menu mode	While in the Service Settings mode, press and hold the "Cancel" button for 4 seconds.

Part 2
Main Menu
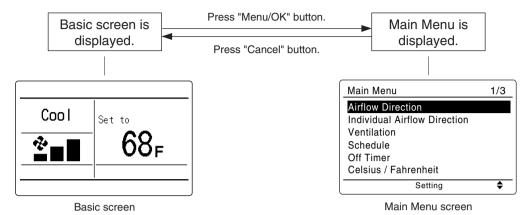
1. Main Menu List

Use the following steps to access the Main Menu from the basic screen.
Pressing the "Cancel" button while the Main Menu screen is displayed takes you back to the basic screen.

```
┌──────────────────┐      Press "Menu/OK" button.      ┌──────────────────┐
│  Basic screen is  │ ─────────────────────────────►  │   Main Menu is    │
│    displayed.     │ ◄─────────────────────────────  │    displayed.     │
└──────────────────┘      Press "Cancel" button.       └──────────────────┘
```

```
┌────────────────────────┐         ┌────────────────────────────┐
│                        │         │ Main Menu             1/3    │
│  Cool  │ Set to        │         │ Airflow Direction           │
│        │               │         │ Individual Airflow Direction│
│  ❖▄██  │  68 F         │         │ Ventilation                 │
│        │               │         │ Schedule                    │
│                        │         │ Off Timer                   │
│                        │         │ Celsius / Fahrenheit        │
│                        │         │        Setting          ⬍   │
└────────────────────────┘         └────────────────────────────┘
       Basic screen                       Main Menu screen
```

■ **Main menu list**

Menu item		Description
Airflow Direction (This function is not available on all indoor unit models.)		**Used to configure airflow direction settings.** ■ The airflow direction louver is automatically operated up and down (left and right). ■ The fixed airflow directions are configurable for five positions.
Individual Airflow Direction (depends on indoor unit model)	**Louver Setting**	Set the airflow direction individually for each of the 4 louvers. ■ Maximum 16 units (unit 0 to 15).
	Louver Setting List	Setting table for louver.
	Reset All Louvers Position	Reset all louvers to factory default setting.
Ventilation (Ventilation operation settings for Energy Recovery Ventilator)	**Ventilation Mode**	Used to set "Auto", "ERV", or "Bypass".
	Ventilation Rate	Used to set "Low" or "High".
Schedule	**Daily Patterns**	■ Day settings are selected from four patterns, i.e., "7Days", "Weekday/Sat/Sun", "Weekday/Weekend", and "Everyday".
	Settings	■ Set the startup time and operation stop time. ON: Startup time, cooling and heating temperature setpoints can be configured. OFF: Operation stop time, cooling and heating setback temperature setpoints can be configured. (--: Indicates that the setback function is disabled for this time period.) _: Indicates that the temperature setpoint and setback temperature setpoint for this time period is not specified. The last active setpoint will be utilized. ■ Up to five actions can be set for each day.
Off Timer		**Used to set the run-time for the indoor unit using this controller.** ■ Possible to set in 10 minutes increments from 30 to 180 minutes.
Celsius / Fahrenheit		■ Used to select whether temperature values will be displayed in Celsius or Fahrenheit.
Filter Auto Clean		Set the time when the filter needs to be automatically cleaned. For the detailed operation refer to the Operation Manual of the self cleaning decoration panel.
Maintenance Information		Used to display maintenance information.

Menu item		Description
Configuration	**Draft Prevention** (Only available with occupant sensor installed indoor unit models)	Draft prevention function can be **enabled** or **disabled**. When enabled, the occupant sensor will adjust the louver's position to prevent air blowing directly on an occupant.
	Contrast Adjustment	Used to make LCD contrast adjustment.
	Display	**Used to set the display mode.** ■ Standard, Detailed, or Simple display ■ Detailed and Simple displays provide the selectable display item among Room Temp, System, None or Outside Air Temp.
Current Settings		■ Used to display a list of current settings for available items.
Clock & Calendar	**Date & time**	**Used to configure date and time settings and corrections.** ■ The default time display is 12H. ■ The clock will maintain accuracy to within ±30 seconds per month. ■ If there is a power failure for a period not exceeding 48 hours, the clock will continue working with the built-in backup power supply.
	12H/24H Clock	The time can be displayed in either a 12 hour or a 24 hour format.
Daylight Saving Time		Used to adjust the clock in observance of Daylight Saving Time.
Language		The display language can be selected from **English**, **Français**, or **Español**.

Note: Available setting items vary with the indoor unit model.

Sub Remote Controller Menu Items	
If two remote controllers are connected to a single indoor unit, the following menu items are not set in the sub remote controller. In this case, the following items should be configured in the main remote controller. ■ Individual Airflow Direction ■ Setback ■ Schedule ■ Draft Prevention ■ Off timer	

2. Details for Each Menu Item

This section provides information about how to use each item in the Main Menu.

2.1   Airflow Direction

■ Configuring Airflow direction
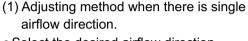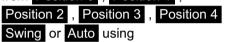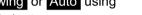
1

Main Menu	1/3
Airflow Direction	
Individual Airflow Direction	
Ventilation	
Schedule	
Off Timer	
Celsius / Fahrenheit	
Setting	↕

● Display the main menu screen.

● Press ▼▲ buttons to select Airflow Direction and press **Menu/OK** button.

2

Airflow Direction

Position 0

Setting ↕

Airflow Direction

Swing

Setting ↕

Airflow direction
setting (up/down)

Airflow Direction

Swing

Setting ↕

Airflow direction
setting (left/right)

(1) Adjusting method when there is single airflow direction.

● Select the desired airflow direction from Position 0 , Position 1 , Position 2 , Position 3 , Position 4 , Swing or Auto using ▼▲ buttons.

● Press **Menu/OK** button to confirm the settings and to return to the basic screen.
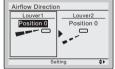
Note
● The airflow directions appear on the screen as follows:

Up/down direction   Left/right direction

0 : Position 0
1 : Position 1
2 : Position 2
3 : Position 3
4 : Position 4

Notice
These operations and screens are examples of single airflow direction type indoor units.

3

Airflow Direction

Louver1	Louver2
Position 0	Position 0

Setting ↕▶

When front/back
direction is selected

Airflow Direction

Louver1	Louver2
Position 0	**Position 0**

Setting ◀↕

When left/right
direction is selected

(2) Adjusting method for selecting dual airflow directions.

● Press ◀▶ buttons, to select front/back or left/right direction setting.
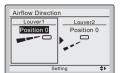
Notice
These operation and screen are example of dual airflow directions type indoor unit (Single flow cassette model).
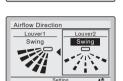
4

Airflow Direction
Louver1   Louver2
Position 0   Position 0

Setting

Airflow Direction
Louver1   Louver2
Swing   Position 0

Setting

Airflow Direction
Louver1   Louver2
Swing   Swing

Setting
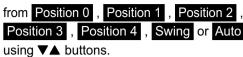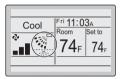
● Select the desired airflow direction from Position 0 , Position 1 , Position 2 , Position 3 , Position 4 , Swing or Auto using ▼▲ buttons.
● Selecting Swing will cause the airflow direction louver to swing position 0 to 4.
● Setting Auto is not available when left/right direction is selected.
● Press **Menu/OK** button to confirm the settings and return to the basic screen.

5

Cool   Fri 11:03ᴀ
         Room   Set to
         74ꜰ   74ꜰ

Basic screen
(Detailed display)

● If dual airflow directions are set, then the dual airflow direction icons are displayed in the basic screen.

2.2   Individual Airflow Direction
■ Louver Setting

Operation

1

Main Menu   1/3
Airflow Direction
Individual Airflow Direction
Ventilation
Schedule
Off Timer
Celsius / Fahrenheit
                Setting   ↕
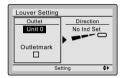
- Display the main menu screen.

- Select Individual Airflow Direction and press **Menu/OK** button.

2

Individual Airflow Direction
Louver Setting
Louver Setting List
Reset All Louvers Position

                Setting   ↕

- Select Louver Setting and press **Menu/OK** button.

3

Louver Setting
Outlet   Direction
Unit 0   No Ind Set

Outletmark
   □
                Setting   ↕▶
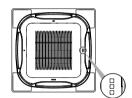
- Use ▼▲ buttons to select the unit and outlet mark.
- Maximum 16 units for each group (unit 0 to 15) may be selected.
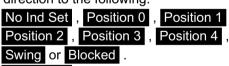
Note
In case of four outlets (cassette type), you can control each one of the four louvers individually (the following marks are beside each air outlet: □, □□, □□□, □□□□).

4

Louver Setting
Outlet   Direction
Unit 0   No Ind Set

Outletmark
□□□□
                Setting   ◀↕

- Press ◀▶ button to select the airflow direction.
- Use ▼▲ buttons to change the airflow direction to the following:
  No Ind Set , Position 0 , Position 1 , Position 2 , Position 3 , Position 4 , Swing or Blocked .
  No Ind Set : No Individual Louver Setting.
  Blocked : Individual airflow is blocked.
- Press **Menu/OK** button to confirm the settings and to return to the basic screen.
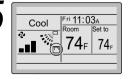
5

Cool   Fri 11:03A
         Room   Set to
▪▫▪   74F   74F

Basic screen
(Detailed display)

- If individual airflow direction is set, then the individual airflow direction icon is displayed in the basic screen.
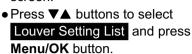
■ Louver Setting List

Operation

1

Individual Airflow Direction
Louver Setting
Louver Setting List
Reset All Louvers Position

Setting ⬍

● Display the individual airflow direction screen.
● Press ▼▲ buttons to select Louver Setting List and press **Menu/OK** button.

2

Louver Setting List
Unit 0

Outletmark	Direction	Indiv.
□	Position 0	OFF
□□	Position 0	OFF
□□□	Position 0	OFF
□□□□	Position 0	OFF

⬍

● A table shows the current settings. Press ▼▲ buttons to go to the next unit.
● Press **Cancel** button to return to the previous menu.

■ Reset All Louvers Position

Operation

1

Individual Airflow Direction
Louver Setting
Louver Setting List
Reset All Louvers Position

Setting ⬍

● Display the individual airflow direction screen.
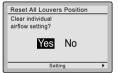
● Press ▼▲ buttons to select Reset All Louvers Position and press **Menu/OK** button.

2

Reset All Louvers Position
Clear individual
airflow setting?

Yes No

Setting ▶

● Press ◀▶ buttons to select Yes .
● Press **Menu/OK** button to confirm the reset and to return to the basic screen.
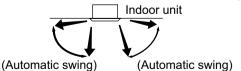
Operational Details and Functions

There are two types of airflow direction settings.
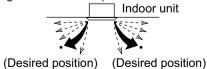
Airflow direction swing

The louvers automatically oscillate up and down.

Indoor unit

(Automatic swing) (Automatic swing)

Airflow direction

You can select from one of five fixed directions. (This has no relation to the angle of the louvers.)

Indoor unit

(Desired position) (Desired position)

Movement of airflow direction louver

Under the operating conditions shown above, airflow direction is controlled automatically. Actual operation may be different than what is displayed on the remote controller.

2.3 Ventilation

■ Ventilation screen display properties

Operation

1
```
Main Menu              1/3
Airflow Direction
Individual Airflow Direction
Ventilation
Schedule
Off Timer
Celsius / Fahrenheit
       Setting        ◆
```

```
Ventilation
Ventilation Rate
Ventilation Mode

       Setting        ◆
```

- Display the main menu screen.

- Press ▼▲ buttons to select Ventilation on the main menu screen.
(For models with no ventilation function, Ventilation will not be displayed on the main menu screen.)
Press **Menu/OK** button to display the ventilation screen.
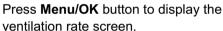
■ Changing the ventilation rate

Operation

1
```
Ventilation
Ventilation Rate
Ventilation Mode

       Setting        ◆
```

- Navigate to the ventilation screen (see above).
- Press ▼▲ buttons to select Ventilation Rate on the ventilation screen.
Press **Menu/OK** button to display the ventilation rate screen.

2
```
Ventilation
Ventilation Rate

     High

       Setting        ◆
```

- Press ▼▲ buttons to toggle between the Low and High settings.

3

- Selecting and confirming the desired ventilation rate will take you back to the basic screen.
(Pressing **Cancel** button takes you back to the previous screen without changing the ventilation rate.)
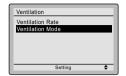
■ Changing the ventilation mode

Operation

1

Ventilation
Ventilation Rate
Ventilation Mode

Setting

- Display the ventilation screen.

- Press ▼▲ buttons to select
  Ventilation Mode on the ventilation
  screen.
  Press **Menu/OK** button to display the
  ventilation mode screen.

2

Ventilation
Ventilation Mode

Auto

Setting
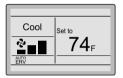
- Pressing ▼▲ buttons cycles through the
  settings in the order shown below.

  → **Auto** ◆ **ERV** ◆ **Bypass** ←

  ＊Only modes that can be set are displayed.

3

Cool | Set to
🌀▪◼ | 74ᶠ
AUTO
ERV

- Selecting and confirming the desired
  ventilation mode will take you back to
  the basic screen.
  (Pressing **Cancel** button takes you back to the
  previous screen without changing the ventilation
  mode.)

Ventilation Mode

Auto mode	Using information from the indoor unit (cool, heat, fan, and setpoint) and the energy recovery ventilator unit (indoor and outdoor temperatures), the ventilation mode is automatically changed between ERV and Bypass.
ERV mode	Outside air is passed through the ERV core and is supplied to the conditioned space.
Bypass mode	Outside air is supplied to the conditioned space without passing through the ERV core.

2.4   Schedule

■ Setting the schedule

Operation   The schedule will disappear when a multi-zone controller is connected, but can be re-enabled by field setting.

1

Main Menu	1/3
Airflow Direction	
Individual Airflow Direction	
Ventilation	
Schedule	
Off Timer	
Celsius / Fahrenheit	
Setting	⬍

- Display the main menu screen.

- Press ▼▲ buttons to select Schedule .
  Press **Menu/OK** button to display the
  schedule screen.

Schedule	
Clock has not been set.	
Would you like to set it now?	
Yes No	
Setting	▶

▼

Date & Time	
Year 2015	
Month 1	
Day 1	
Thursday	
12:00A	
Setting	◀⬍▶

- Before setting the schedule, the clock
  must be set.
- If the clock has not been set, a screen
  like the one on the left will appear.
  Press ◀▶ buttons to select Yes and
  press **Menu/OK** button.
- The date & time screen will appear.
- Set the current year, month, day, and
  time.
  ∗ Refer to section 2.10 Clock & Calendar.

2

Schedule	
Enable/Disable	
Daily Patterns	
Settings	
Setting	⬍

- Press ▼▲ buttons to select the desired
  function on the schedule screen and
  press **Menu/OK** button.

■ Daily Patterns

Operation

1

Schedule
Enable/Disable
Daily Patterns
Settings

Setting ⬍

- The schedule screen will appear.
- Press ▼▲ buttons to
select Daily Patterns on the schedule
screen.
The daily patterns screen will appear
when **Menu/OK** button is pressed.

2

Schedule
Daily Patterns

7 Days

Setting ⬍

- Press ▼▲ buttons to
select 7 Days , Weekday/Sat/Sun ,
Weekday/Weekend or Everyday on
the daily patterns screen.
The confirmation screen will appear
when **Menu/OK** button is pressed.

3

Schedule
Save the settings?

Yes No

Setting ▶

- Press ◀▶ buttons to select Yes on the
confirmation screen.
Pressing **Menu/OK** button enters the
daily patterns in the schedule and takes
you back to the main menu screen.

■ Settings

Operation

1

Schedule

Enable/Disable
Daily Patterns
Settings

Setting

- The schedule screen will appear.
- Press ▼▲ buttons to select Settings on the schedule screen.
  The settings screen will appear when **Menu/OK** button is pressed.

2

Schedule

	Time	Act	Cool	Heat
Mon	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—

Setting

- Press ▼▲ buttons to select the day to be set.

∗It cannot be selected in the case of EVDY .

3

Schedule

	Time	Act	Cool	Heat
Mon	6:00A	--	—	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—

Setting

Schedule

	Time	Act	Cool	Heat
Mon	6:00A	--	—	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—

Setting

- Input the time for the selected day.
- Press ◄► buttons to move the highlighted item and press ▼▲ buttons to input the desired operation start time. Each press of ▼▲ buttons moves the numbers by 1 hour or 1 minute.

4

Schedule

	Time	Act	Cool	Heat
Mon	6:00A	--	—	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—

Setting

▼

Schedule

	Time	Act	Cool	Heat
Mon	6:00A	ON	90F	60F
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—

Setting

- Press ◄► buttons to move the highlighted item and press ▼▲ buttons to configure ON/OFF/-- settings.
  --, ON, or OFF changes in sequence when ▼▲ buttons are pressed.

ON: Temperature setpoints can be configured.
OFF: Setback temperature setpoints can be configured.
– –: Temperature setpoints and setback temperature setpoints become disabled.

Schedule

	Time	Act	Cool	Heat
Mon	6:00A	ON	75F	70F
	8:00A	OFF	--F	—
	--:--	--	—	—
	--:--	--	—	—
	--:--	--	—	—

Setting

- Cooling and heating temperature setpoints for both ON and OFF (Setback) are configured.

  __: Indicates that the temperature setpoint and setback temperature setpoint for this time period are not specified. The last active setpoint will be utilized.
  ––: Indicates that the setback function is disabled for this time period.

5

Schedule			
	Time	Act	Cool	Heat
Mon	6:00A	ON	75F	70F
	8:00A	OFF	85F	50F
	5:30P	ON	75F	70F
	10:00P	--	___	___
	--:--	--	___	___
		Setting		◀◆▶

A maximum of five actions per day can be set.
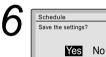
● Press **Menu/OK** button when settings for each day are completed. The confirmation screen will appear.

▼

Schedule			
	Time	Act	Cool	Heat
Mon	6:00A	ON	75F	70F
	8:00A	OFF	85F	50F
	5:30P	ON	75F	70F
	10:00P	OFF	82F	62F
	--:--	--	___	___
		Setting		◀◆▶
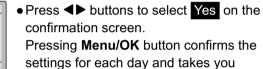
To copy the settings for the previous day, press **Mode** button so that the existing settings will be copied.
Example: The contents for Monday are copied by pressing **Mode** button after selecting Tuesday.

▼

Schedule			
	Time	Act	Cool	Heat
Tue	6:00A	ON	75F	70F
	8:00A	OFF	85F	50F
	5:30P	ON	75F	70F
	10:00P	OFF	82F	62F
	--:--	--	___	___
		Setting		◀◆▶

6

Schedule
Save the settings?
Yes   No
Setting ▶

● Press ◀▶ buttons to select Yes on the confirmation screen.
Pressing **Menu/OK** button confirms the settings for each day and takes you back to the basic screen.
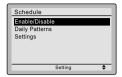
Enabling or disabling the schedule

Operation

1
Schedule
Enable/Disable
Daily Patterns
Settings
Setting

- Display the schedule screen.
- Press ▼▲ buttons to select Enable/Disable on the schedule screen.
Press **Menu/OK** button to display the enable/disable screen.

2
Schedule
Enable/Disable
Disable
Setting
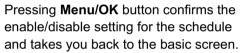
- Press ▼▲ buttons to select Enable or Disable on the enable/disable screen.
Press **Menu/OK** button after selecting the item. The confirmation screen is displayed.

3
Schedule
Save the settings?
Yes No
Setting

- Press ◄► buttons to select Yes on the confirmation screen.
Pressing **Menu/OK** button confirms the enable/disable setting for the schedule and takes you back to the basic screen.

2.5 Off Timer

■ Configuring and Confirming the Off Timer settings

Operation

1

Main Menu	1/3
Airflow Direction	
Individual Airflow Direction	
Ventilation	
Schedule	
Off Timer	
Celsius / Fahrenheit	
Setting	⬍

- Display the main menu screen.
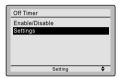
- Press ▼▲ buttons to select the Off Timer on the main menu screen. Press **Menu/OK** button to display the off timer screen.

2

Off Timer	
Enable/Disable	
Settings	
Setting	⬍
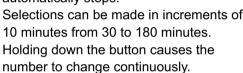
- Press ▼▲ buttons to select Settings on the off timer screen. Press **Menu/OK** button to display the configuration screen.

3

Off Timer	
After you turn on the unit, it will automatically turn off in	
60	
minutes.	
Setting	⬍

- Use ▼▲ buttons to set the time from operation start until the unit automatically stops. Selections can be made in increments of 10 minutes from 30 to 180 minutes. Holding down the button causes the number to change continuously.
- Select the desired time and press **Menu/OK** button. The confirmation screen will appear.
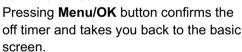
4

Off Timer	
Save the settings?	
Yes No	
Setting	▸

- Press ◀▶ button to select Yes on the confirmation screen. Pressing **Menu/OK** button confirms the off timer and takes you back to the basic screen.
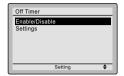
Enabling or disabling the off timer

Operation

1

Off Timer
Enable/Disable
Settings

Setting

- Navigate to the off timer screen.

- Press ▼▲ buttons to select Enable/Disable on the off timer screen. Press **Menu/OK** button to display the enable/disable screen.

2

Off Timer
Enable/Disable

Disable

Setting

- Press ▼▲ buttons to select Enable or Disable on the enable/disable screen. Press **Menu/OK** button after selecting the item. Then the confirmation screen is displayed.

3

Off Timer
Save the settings?

Yes No

Setting

- Press ◀▶ button to select Yes on the confirmation screen. Pressing **Menu/OK** button confirms the enable/disable for the off timer and takes you back to the basic screen.

2.6   Filter Auto Clean

■ Filter Auto Clean Setting

Air conditioning operation of the product will come to a stop while the product is performing filter auto cleaning. Specify the desired period from eight periods.

NOTE

- The correct clock settings are necessary.
- The product will perform filter auto-cleaning from 12:00A to 3:00A (as factory default) if the period for filter auto cleaning is not specified.
- The product will perform filter auto-cleaning at non-prescribed time if clock settings are not made.

■ Method of Specifying Start Time

Operation Method

1

Main Menu	2/3
Filter Auto Clean	
Maintenance Information	
Configuration	
Current Settings	
Clock & Calendar	
Daylight Saving Time	
Setting	⬍

- Display the main menu screen.
- Press ▼▲ buttons to select the Filter Auto Clean on the main menu screen and press Menu/OK button.

2

Filter Auto Clean
Clock has not been set.
Would you like to set it now?
Yes   No
Setting   ▶

▼

Date & Time
Year   2015
Month   1
Day   1
Thursday
12:00A
Setting   ◀⬍▶

* Clock settings are required to set the start time of filter auto-cleaning.

- If the clock has not been set, a screen like the one on the left will appear.
  Press ◀▶ buttons to select Yes and press Menu/OK button.
  Set the current year, month, day, and time.
  ∗ Refer to section 2.10 Clock & Calendar.
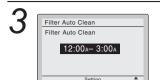
3

Filter Auto Clean
Filter Auto Clean

12:00A– 3:00A

Setting

- The period will change whenever ▼▲ buttons are pressed in the Clock setting screen for filter auto-cleaning.
  12:00A–3:00A , 3:00A–6:00A , 6:00A–9:00A , 9:00A–12:00P , 12:00P–3:00P , 3:00P–6: 00P , 6:00P–9:00P , 9:00P–12:00A .
  Select the desired period from the ones displayed.
- Press Menu/OK button.
  The settings confirmation screen will appear.

4

Filter Auto Clean
Save the settings?

Yes No

Setting

- Press ◄► button to select Yes on the settings confirmation screen.
  Press Menu/OK button to set the filter auto clean and return to the basic screen.

NOTE

The filter auto clean function takes around 10 minutes.
Execution of the cleaning function, always during the scheduled time slot of 0 to 3 hours, will start as soon as possible considering the following conditions:
- during the first hour
  the cleaning function will only be performed during thermostat OFF intervals or when the unit is not operating;
- during the second hour
  same condition as during first hour or when cooling or heating demand is rather low;
- during the third hour
  the unit forces execution of the cleaning function, even when the unit is operating. After completion of the cleaning function, the unit will start normal operation again.

The unit will try to perform the cleaning function during the next scheduled time slot of 3 hours in case it was not executed.

If the unit, in case of VRV, could not perform the cleaning function after elapse of 2 consecutive scheduled time slots of 3 hours, error code AH09 displays on the remote controller. The error code remains displayed as long as the function is not completed, but the unit can operate normally at all times.

■ Filter Auto-Cleaning

The product has the following two operation modes, any one of which can be set for filter auto-cleaning.

Operation mode	Description	Clock setting	Availability for designating time to start filter auto-cleaning
Scheduled timer operation	Performs filter auto-cleaning during the designated period selected from eight periods. (Factory default setting (12:00A-3:00A))	◯	◯
Auto control operation	Performs filter auto-cleaning according to the control reference.	✕	✕ or ◯

PREPARATION

- To designate a period for filter auto-cleaning, avoid selecting the periods of time when the product is in air conditioning operation as much as possible.
  If the period for filter auto-cleaning overlaps with that for the air conditioning operation of the product, the product may stop air-conditioning forcibly and start filter auto-cleaning.
- If the message "**Set clock from menu**" appears, make clock settings again so that the filter auto-cleaning will be performed during the designated period.

NOTE

* The product will be set to auto control operation mode unless clock settings are made again if the clock is reset for some reason (e.g., no power is supplied to the product for 48 hours or longer).
- The product may generate a little noise when the filter rotates or the dust is scraped with the brush.
- The fan rotates automatically during filter auto-cleaning.
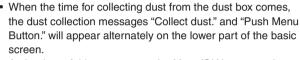
■ Resetting Dust Collection Sign

Operation Method

1
Auto Cool | Set to Cool 83F Heat 63F
Collect dust
Basic screen

- When the time for collecting dust from the dust box comes, the dust collection messages "Collect dust." and "Push Menu Button." will appear alternately on the lower part of the basic screen.
- At the time of this state, press the Menu/OK button on the basic screen.

2
Dust Collection Method
Setting
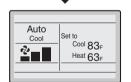
- An illustration of vacuuming dust from the dust collection inlet will appear.
- After understanding the method of dust collection, press the Menu/OK button at the time of this state.

3
Dust Collection Method
Dust collected?
Yes No
Setting ▶
▼
Auto Cool | Set to Cool 83F Heat 63F

- After vacuuming the dust in the dust box, press ◀▶ buttons on the collection confirmation screen and select Yes.
- Press the Menu/OK button to reset the dust collection sign.
- The messages "Collect dust." and "Push Menu Button." appearing alternately on the basic screen will disappear.

* If the dust in the dust box is not vacuumed at all or properly, the dust collection sign will appear soon.

2.7 Maintenance Information

■ Displaying service contact and model information

Operation

1
Main Menu 2/3
Filter Auto Clean
Maintenance Information
Configuration
Current Settings
Clock & Calendar
Daylight Saving Time
Setting

● Display the main menu screen.

● Press ▼▲ buttons to select
 Maintenance Information on the main menu screen and press **Menu/OK** button.

2
Maintenance Information
Contact Info
0123-456-7890

Indoor Model ---/000
Outdoor Model ---/000

● The phone number for the contact is displayed at the top of the screen.
(If it has not yet been entered, it will not be displayed.)

● The model information of the indoor and outdoor units for your product will be displayed on the bottom of the screen.
(For some models the product code may be displayed.)

∗The model name will not be displayed if the indoor unit PCB has been replaced.

∗Error code history may also be displayed.
If the operation lamp is not flashing, the unit is working properly.
The error code history is no longer displayed if you press **On/Off** button for more than 4 seconds.

2.8   Configuration

■ Draft Prevention

1
Main Menu	2/3
Filter Auto Clean	
Maintenance Information	
Configuration	
Current Settings	
Clock & Calendar	
Daylight Saving Time	
Setting	⬍

● Display the main menu screen.

● Press ▼▲ buttons to select
Configuration and press **Menu/OK**
button.

2
Configuration
Draft Prevention
Contrast Adjustment
Display
Setting ⬍

● Press ▼▲ buttons to select
Draft Prevention and press
Menu/OK button.

3
Draft Prevention
Enable/Disable
Disable
Setting ⬍

● Press ▼▲ buttons to select
Enable or Disable .
● The confirmation screen will appear
when **Menu/OK** button is pressed.
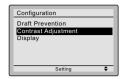
4
Draft Prevention
Save the settings?
Yes No
Setting ▶

● Press ◀▶ buttons to select Yes .
● Press **Menu/OK** button to confirm the
settings and to return to the basic
screen.

■ Contrast Adjustment

Operation

1

Configuration
Draft Prevention
Contrast Adjustment
Display
Setting ⬍

● Navigate to the configuration screen.
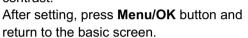
● Press ▼▲ buttons to select
Contrast Adjustment on the
configuration screen.
Press **Menu/OK** button to display the
contrast adjustment screen.

2

Contrast Adjustment
▲ Dark
▼ Light
Setting ⬍

● On the contrast adjustment screen press
▼▲ buttons until you reach the desired
contrast.
After setting, press **Menu/OK** button and
return to the basic screen.

■ Display
Display Mode

Operation

1

Configuration
Draft Prevention
Contrast Adjustment
Display
Setting ⬍

● Navigate to the configuration screen.

● Press ▼▲ buttons to select
Display on the configuration screen.
Press **Menu/OK** button to display the
display screen.

2

Display	
Display Mode	Standard
Display Item	Room
Setting	⬍

● Press ▼▲ buttons to select
Display Mode on the display screen.
Press **Menu/OK** button to display the
display mode screen.

3

Display
Display Mode
Standard
Setting ⬍
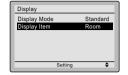
● Press ▼▲ buttons to select Standard ,
Detailed or Simple on the display
screen.
● Press **Menu/OK** button to confirm the
settings and return to the basic screen.

∗Refer to **Display Item** to change the selectable
display item for Detailed and Simple display
modes.

Display Item

Operation

1

Display	
Display Mode	Standard
Display Item	Room
Setting	⬍
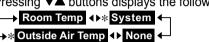
● Navigate to the display screen.

● Press ▼▲ buttons to select Display Item on the display screen. Press **Menu/OK** button to display the display item screen.

2

Display	
Display Item	
	Room Temp
Setting	⬍

● Pressing ▼▲ buttons displays the following.

→ **Room Temp** ◄▶✱ **System** ◄
→ ✱ **Outside Air Temp** ◄▶ **None** ◄

✱Some models may not display these items even if they are selected.

● Be sure to read the following notes regarding display of room temperature and outdoor air temperature.

Room Temp

.... The temperature at the remote controller.
The temperature that is detected may be affected by the location of the remote controller.

Outside Air Temp

.... The temperature at the outdoor unit.
The temperature that is detected may be affected by factors such as the location of the unit (for example, if it is in direct sunlight) and unit operation during defrosting.

● After setting, press **Menu/OK** button to confirm settings and return to the basic screen.

2.9 Current Settings
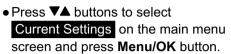
■ Confirming the current settings

1

Main Menu	2/3
Filter Auto Clean	
Maintenance Information	
Configuration	
Current Settings	
Clock & Calendar	
Daylight Saving Time	
Setting	⬍

● Display the main menu screen.

● Press ▼▲ buttons to select Current Settings on the main menu screen and press **Menu/OK** button.

2

Current Setting	1/2
Airflow Direction	Swing
Ventilation Rate	Low
Ventilation Mode	Auto
Schedule	Enable
Off Timer	Disable
Display Mode	Standard
	◀ ▶

● A list showing the current setting status will appear.
Press ◀▶ buttons to go to the next item.
● Pressing **Cancel** button takes you back to the main menu screen.

┌─ Display items ─────────────────┐

Airflow Direction	Off Timer
Ventilation Rate	Display Mode
Ventilation Mode	Display Item
Schedule	Filter Auto Clean

└─────────────────────────────┘

∗Display items may differ depending on the model.
Only the items that can be set are displayed.

2.10 Clock & Calendar
■ Date & Time

Operation

1

Main Menu   2/3
Filter Auto Clean
Maintenance Information
Configuration
Current Settings
Clock & Calendar
Daylight Saving Time
    Setting   ↕

- Display the main menu screen.
- Press ▼▲ buttons to select
  Clock & Calendar on the main menu screen.
  Press **Menu/OK** button to display the clock & calendar screen.

2

Clock & Calendar
Date & Time
12H/24H Clock
    Setting   ↕

- Press ▼▲ buttons to select Date & Time on the clock & calendar screen.
  Press **Menu/OK** button to display the date & time screen.

3

Date & Time
Year   2015
Month   1
Day   1
Thursday
  12:00ᴀ
    Setting   ◀↕▶

- Select **Year** with ◀▶ buttons.
  Change the year with ▼▲ buttons.
  Holding down the button causes the number to change continuously.

4

Date & Time
Year   2016
Month   10
Day   1
Saturday
  12:00ᴀ
    Setting   ◀↕▶

- Select **Month** with ◀▶ buttons.
  Change the month with ▼▲ buttons.
  Holding down the button causes the number to change continuously.

5

Date & Time
Year   2016
Month   10
Day   7
Friday
  12:00ᴀ
    Setting   ◀↕▶

- Select **Day** with ◀▶ buttons.
  Change the day with ▼▲ buttons.
  Holding down the button causes the number to change continuously.
  Days of the week change automatically.

6

Date & Time
Year   2016
Month   10
Day   7
Friday
  12:00ᴀ
    Setting   ◀↕▶

- Select **Hour** with ◀▶ buttons.
  Change the hour with ▼▲ buttons.
  Holding down the button causes the number to change continuously.

7

Date & Time
Year 2016
Month 10
Day 7
Friday
12:21p
Setting
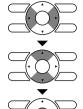
- Select **Minute** with ◀▶ buttons.
  Change the minute with ▼▲ buttons.
  Holding down the button causes the
  number to change continuously.
- Press **Menu/OK** button.
  The confirmation screen will appear.

--- Note: ---
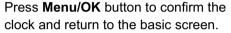
The date can be set between
January 1, 2015 and December 31, 2099.

8

Date & Time
Save the settings?

Yes No

Setting

- Press ◀▶ button to select Yes on the
  confirmation screen.
  Press **Menu/OK** button to confirm the
  clock and return to the basic screen.
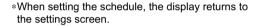
  ∗When setting the schedule, the display returns to
  the settings screen.

■ 12H/24H CLOCK

Operation

1

Clock & Calendar
Date & Time
12H/24H Clock

Setting

- Display the clock & calendar screen.

- Press ▼▲ buttons to
  select 12H/24H Clock on the clock &
  calendar screen.
  The 12H/24H clock screen will appear
  when **Menu/OK** button is pressed.

2

12H/24H Clock

12H

Setting

By default, the time display is set to the
12H format.
- Press ▼▲ buttons to select 12H 24H
  on the 12H/24H clock screen.
- The confirmation screen will appear
  when **Menu/OK** button is pressed.

3

12H/24H Clock
Save the settings?

Yes No

Setting

- Press ◀▶ buttons to select Yes on the
  confirmation screen.
  Pressing **Menu/OK** button confirms the
  12H or 24H and takes you back to the
  basic screen.

2.11 Daylight Saving Time

■ How to display Daylight Saving Time

Operation

1

Main Menu	2/3
Filter Auto Clean	
Maintenance Information	
Configuration	
Current Settings	
Clock & Calendar	
Daylight Saving Time	
Setting	⬍

● Display the main menu screen.
● Press ▼▲ buttons to select Daylight Saving Time on the main menu screen. Press **Menu/OK** button to display the daylight saving time screen.
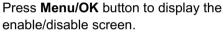
■ Enabling or disabling Daylight Saving Time

Operation

1

Daylight Saving Time
Enable/Disable
DST Dates
Setting ⬍

● Display the daylight saving time screen.

● Press ▼▲ buttons to select Enable/Disable on the daylight saving time screen.
Press **Menu/OK** button to display the enable/disable screen.
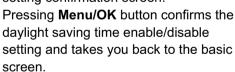
2

Daylight Saving Time
Enable/Disable
Disable
Setting ⬍

● Press ▼▲ buttons to select Enable or Disable on the enable/disable screen.
● Press **Menu/OK** button to display the setting confirmation screen.

3

Daylight Saving Time
Save the settings?
Yes   No
Setting ▶

● Press ◀▶ buttons to select Yes on the setting confirmation screen.
Pressing **Menu/OK** button confirms the daylight saving time enable/disable setting and takes you back to the basic screen.

■ Setting the date

1

Daylight Saving Time
Enable/Disable
DST Dates

Setting

- Display the daylight saving time screen.

- Press ▼▲ buttons to select DST Dates on the daylight saving time screen. Press **Menu/OK** button to display the duration setting screen.

2

Daylight Saving Time
Start March
      2nd Sunday
End   November
      1st Sunday

Setting

Daylight Saving Time
Start March
      2nd Sunday
End   November
      1st Sunday

Setting

- Press ▼▲ buttons to select the start month and the end month.
- Press ◀▶ buttons to select a week. Press ▼▲ buttons to select the start week and the end week.

- After setting the Start and End dates, press **Menu/OK** button to display the setting confirmation screen.

3

Daylight Saving Time
Save the settings?

Yes   No

Setting

- Press ◀▶ buttons to select Yes on the setting confirmation screen. Pressing **Menu/OK** button confirms the Daylight Saving Time settings and takes you back to the basic screen.

When Daylight Saving Time is enabled
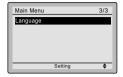
When the time in the remote controller reaches 2:00 a.m. on the specified start date, the clock is automatically set forward by one hour. When the time in the remote controller reaches 2:00 a.m. on the end date, the clock is automatically set back by one hour.

2.12 Language
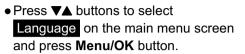
■ Selectable Languages

Operation

1
Main Menu	3/3
Language	
Setting	⬍

● Display the main menu screen.

● Press ▼▲ buttons to select
Language on the main menu screen
and press **Menu/OK** button.

2
| Language |
| |
| English |
| |
| Setting ⬍ |

● Press ▼▲ buttons to select the preferred
language on the language screen.
English/Français/Español are available.
● Press **Menu/OK** button to confirm the
settings and return to the basic screen.
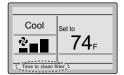
2.13 Reset Filter Indicator

1
Cool | Set to 74F
Time to clean filter

● When it is time to clean or replace the filter, one of the following messages will be displayed on the bottom of the basic screen.
Time to clean filter
Time to clean filter & element
Time to clean element
∗This is not displayed when Simple display is set.

● Wash, clean, or replace the filter or element.
For details, refer to the operation manual supplied with the indoor unit.

2
● Reset the filter indicator when the filter or element is cleaned or replaced.
● Press **Menu/OK** button.
The main menu screen will be displayed.

3
Main Menu   1/3
Reset Filter Indicator
Airflow Direction
Individual Airflow Direction
Ventilation
Schedule
Off Timer
Setting   ◆
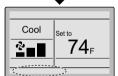
● Press ▼▲ buttons to select Reset Filter Indicator on the main menu screen and press **Menu/OK** button.

Cool | Set to 74F
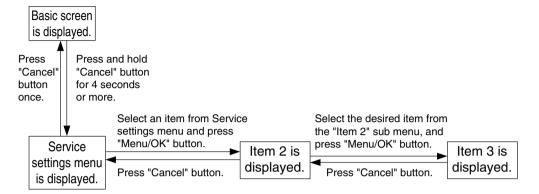
● The displayed message "Time to clean filter" is no longer displayed on the basic screen when the filter sign is reset.

Part 3
Service Settings

1. Service Settings Menu List

The remote controller allows you to change the settings for individual functions of a whole system or individual indoor/outdoor units. It can also provide various display functions.
Follow the steps below to use the setting and display functions.

■ **Service Settings Menu List**

Service settings menu	Item 2	Item 3
2.1 Test Operation		
2.2 Maintenance Contact	None	
	Maintenance Contact	—, 0 to 9 (in order)
2.3 Field Settings	Indoor Unit No., Mode No., First Code No., Second Code No.	
2.4 Energy Saving Options	Setpoint Range Limitation	Temperature
	Setback Configuration	Recovery Differential
	Auto-setback by Sensor	Enable/Disable, Settings
	Auto-off by Sensor	Enable/Disable, Auto-off in (hours)
2.5 Prohibit Function	Prohibit Buttons	Up/Dwn, Left, Right, On/Off, Mode, Fan Speed
	Prohibit Mode	Fan, Cool, Heat, Auto, Dry, Vent Clean
2.6 Min Setpoints Differential	Temperature	
2.7 Group Address	Group Address (Group)	
	Group Address (Unit)	
2.8 Indoor unit AirNet Address		
2.9 Outdoor unit AirNet Address	Unit No., Address Set	
2.10 Error History	RC Error History	Unit No., Error, Date, Time
	Indoor unit Error History	Unit No., Error, Date, Time
2.11 Indoor Unit Status	Unit No., Th temperature	
2.12 Outdoor Unit Status	Unit No., Th temperature	
2.13 Forced Fan ON	Unit No.	
2.14 Switch Main Sub Controller		
2.15 Filter Indicator		
2.16 Test Filter Auto Clean		
2.17 Brush/Filter Ind.		
2.18 Disable Filter Auto Clean		
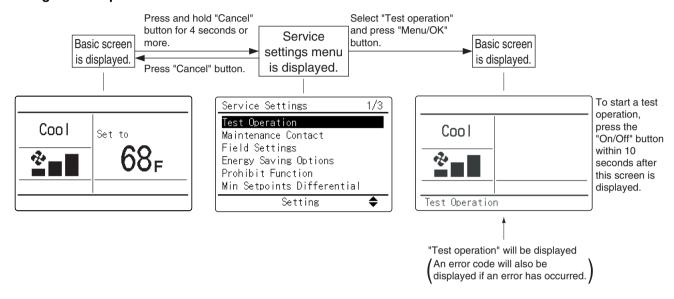
2. Details for Each Menu Item

2.1 Test Operation
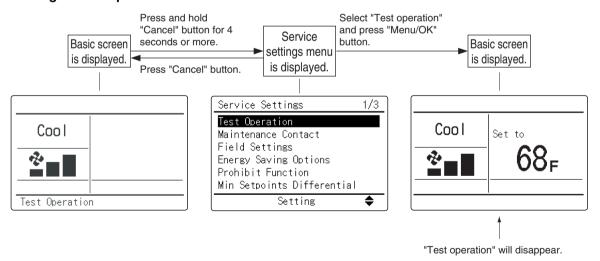
The following procedure allows you to start a test operation. "Test operation" will be displayed at the bottom of the screen when the test operation function is ON. Test operation starts when the "On/Off" button is pressed within 10 seconds after the test operation is turned ON.

An error code will be displayed at the bottom of the screen if an error has occurred during the test operation. After the test operation is complete, be sure to turn the test operation function back OFF.

\<Turning the test operation function ON\>

"Test operation" will be displayed
(An error code will also be
displayed if an error has occurred.)

\<Turning the test operation function OFF\>

"Test operation" will disappear.
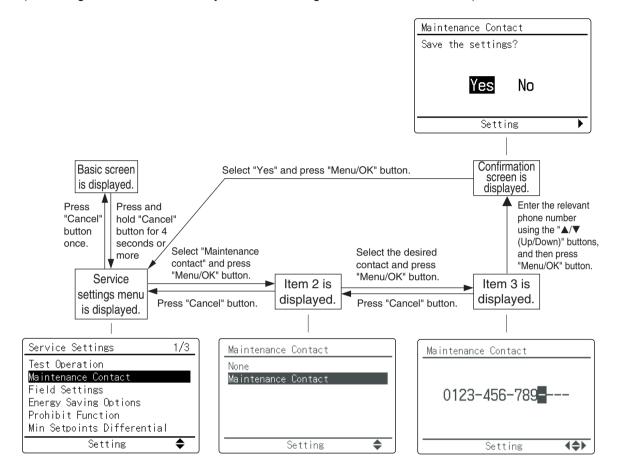
∗ The test operation function will turn OFF automatically 30 minutes after it is turned ON.

2.2 Maintenance Contact

The contact phone numbers to call when service is necessary can be registered.
(Accessing the Main Menu allows you to view the registered contact information.)

```
Maintenance Contact
Save the settings?


        Yes    No


              Setting          ▶
```

Basic screen is displayed.

Select "Yes" and press "Menu/OK" button.

Confirmation screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more

Enter the relevant phone number using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

Select "Maintenance contact" and press "Menu/OK" button.

Select the desired contact and press "Menu/OK" button.

Service settings menu is displayed.

Press "Cancel" button.

Item 2 is displayed.

Press "Cancel" button.

Item 3 is displayed.

```
Service Settings       1/3
Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Function
Min Setpoints Differential
        Setting        ⬍
```

```
Maintenance Contact
None
Maintenance Contact



        Setting        ⬍
```

```
Maintenance Contact


    0123-456-789█---


        Setting       ◀⬍▶
```

Service settings menu	Item 2	Item 3
Maintenance Contact	None	
	Maintenance Contact	—, 0 to 9 (in order)

2.3 Field Settings
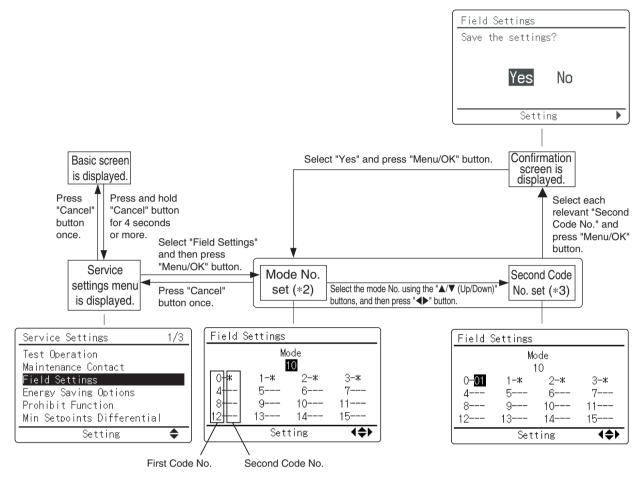
The menu item "Field Settings" is especially convenient when specifying multiple settings for a given mode, or when checking the current settings.

<Individual setting for indoor units>

```
┌──────────────────────────┐
│ Field Settings           │
├──────────────────────────┤
│ Save the settings?       │
│                          │
│        Yes    No         │
│                          │
├──────────────────────────┤
│         Setting        ▶ │
└──────────────────────────┘
```

Select "Yes" and press "Menu/OK" button.

Confirmation screen is displayed.

Basic screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select "Field Settings" and then press "Menu/OK" button.

Service settings menu is displayed.

Press "Cancel" button once.

Mode No. set (∗1)

Select the indoor unit No. using the "▲/▼ (Up/Down)" buttons, and then press "◀▶" button.

Select each relevant "Second Code No." and press "Menu/OK" button.

Second Code No. set

```
┌──────────────────────────────┐
│ Service Settings        1/3  │
├──────────────────────────────┤
│ Test Operation               │
│ Maintenance Contact          │
│ Field Settings               │
│ Energy Saving Options        │
│ Prohibit Function            │
│ Min Setpoints Differential   │
├──────────────────────────────┤
│         Setting          ◆   │
└──────────────────────────────┘
```

```
┌──────────────────────────────┐
│ 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---   │
├──────────────────────────────┤
│         Setting        ◀◆▶   │
└──────────────────────────────┘
```

First Code No.   Second Code No.

```
┌──────────────────────────────┐
│ Field Settings               │
├──────────────────────────────┤
│ Unit No.    Mode             │
│   0          20              │
│  0-02   1-01   2-02   3-01   │
│  4---   5---   6---   7---   │
│  8---   9---  10---  11---   │
│ 12---  13---  14---  15---   │
├──────────────────────────────┤
│         Setting        ◀◆▶   │
└──────────────────────────────┘
```

∗1: Selecting any Mode number from 20 to 29 allows you to set field settings per indoor unit.

<Group batch setting>

Field Settings
Save the settings?

Yes   No

Setting ▶

Basic screen is displayed.

Select "Yes" and press "Menu/OK" button.

Confirmation screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select "Field Settings" and then press "Menu/OK" button.

Select each relevant "Second Code No." and press "Menu/OK" button.

Service settings menu is displayed.

Press "Cancel" button once.

Mode No. set (∗2)

Select the mode No. using the "▲/▼ (Up/Down)" buttons, and then press "◀▶" button.

Second Code No. set (∗3)

Service Settings   1/3
Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Function
Min Setpoints Differential
Setting   ▲▼

Field Settings
Mode
10
0-∗   1-∗   2-∗   3-∗
4--- 5--- 6--- 7---
8--- 9--- 10--- 11---
12--- 13--- 14--- 15---
Setting   ◀▲▼▶

First Code No.   Second Code No.

Field Settings
Mode
10
0-01 1-∗   2-∗   3-∗
4--- 5--- 6--- 7---
8--- 9--- 10--- 11---
12--- 13--- 14--- 15---
Setting   ◀▲▼▶

∗2: When any Mode number from 10 to 19 is selected, all the Second Code No. that can be set will be displayed with an asterisk (∗). Replace each ∗ mark with the desired number.
∗3: When "-" is displayed for a particular Second Code No., that number is not available for setting.

<Remote controller setting>

```
Field Settings
Save the settings?


        Yes    No


          Setting              ▶
```

Basic screen is displayed.

Confirmation screen is displayed.

Select "Yes" and press "Menu/OK" button.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select each relevant "Second Code No." and press "Menu/OK" button.

Select "Field Settings" and then press "Menu/OK" button.

Service settings menu is displayed.

Mode No. set

Press "Cancel" button once.

Select the mode No. using the "▲/▼ (Up/Down)" buttons, and then press "◀▶" button.

Second Code No. set

```
Service Settings          1/3
Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Function
Min Setpoints Differential
       Setting            ▲▼
```

```
Field Settings
             Mode
              1b
  0-02   1-02   2---   3---
  4-04   5-01   6-01   7-01
  8-05   9-01  10---  11-01
 12-01  13-01  14-01  15-01
       Setting          ◀▲▼▶
```

```
Field Settings
             Mode
              1b
  0-02   1-02   2---   3---
  4-04   5-01   6-01   7-01
  8-05   9-01  10---  11-01
 12-01  13-01  14-01  15-01
       Setting          ◀▲▼▶
```

2.4   Energy Saving Options
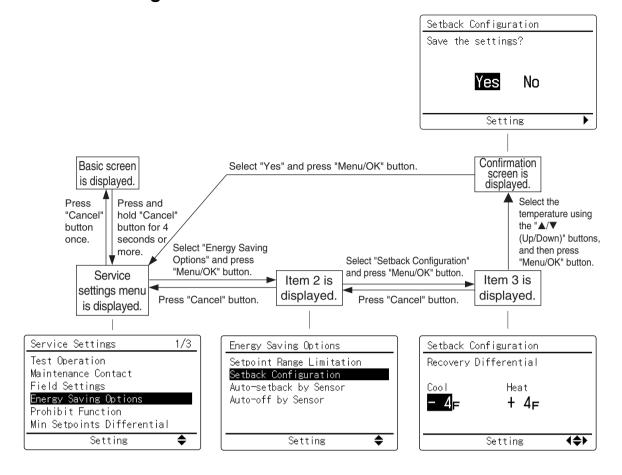
The remote controller can limit the settable temperature range and set the temperature at which setback function stops operating. The set temperature range may be disabled when centralized control equipment is connected.

Service settings menu	Item 2	Item 3
Energy Saving Options	Setpoint Range Limitation	Temperature
	Setback Configuration	Recovery Differential
	Auto-setback by Sensor	Enable/Disable, Settings
	Auto-off by Sensor	Enable/Disable, Auto-off in (hours)

2.4.1   Setpoint Range Limitation

2.4.2 Setback Configuration

```
Setback Configuration
Save the settings?


        Yes    No


              Setting          ▶
```

```
Basic screen
is displayed.
```

Select "Yes" and press "Menu/OK" button.

```
Confirmation
screen is
displayed.
```

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select "Energy Saving Options" and press "Menu/OK" button.

Select "Setback Configuration" and press "Menu/OK" button.

Select the temperature using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

```
Service
settings menu
is displayed.
```

```
Item 2 is
displayed.
```

```
Item 3 is
displayed.
```

Press "Cancel" button.

Press "Cancel" button.

```
Service Settings      1/3
Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Function
Min Setpoints Differential
        Setting        ⬍
```

```
Energy Saving Options
Setpoint Range Limitation
Setback Configuration
Auto-setback by Sensor
Auto-off by Sensor


        Setting        ⬍
```

```
Setback Configuration
Recovery Differential

Cool          Heat
 - 4F         + 4F

        Setting       ◀⬍▶
```

2.4.3 Auto-setback by Sensor

```
Auto-setback by Sensor
Save the settings?

          Yes    No

              Setting        ▶
```

Basic screen
is displayed.

Select "Yes" and press "Menu/OK" button.

Confirmation
screen is
displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select "Energy Saving Options" and press "Menu/OK" button.

Select "Auto-setback by Sensor" and press "Menu/OK" button.

Service settings menu is displayed.

Press "Cancel" button.

Item 2 is displayed.

Press "Cancel" button.

Item 3 is displayed.

Select Enable or Disable with "▲/▼ (Up/Down)" buttons, and press "Menu/OK" button.

Select an item and set the values, then press "Menu/OK" button.

```
Service Settings      1/3
Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Function
Min Setpoints Differential
      Setting        ◆
```

```
Energy Saving Options
Setpoint Range Limitation
Setback Configuration
Auto-setback by Sensor
Auto-off by Sensor

      Setting        ◆
```

```
Auto-setback by Sensor
Enable/Disable
Settings

      Setting        ◆
```

Press "Menu/OK" button.

Press "Cancel" button.

```
Auto-setback by Sensor
Enable/Disable

        Disable

      Setting        ◆
```

```
Auto-setback by Sensor
Enable/Disable
Settings

      Setting        ◆
```

Press "Menu/OK" button.

Press "Cancel" button.

```
Auto-setback by Sensor
Cool Temp Increment: 2 F
Cool Increment Time: 15 min
Cool Temp High Limit: 95 F
Heat Temp Decrement:  2 F
Heat Decrement Time: 15 min
Heat Temp Low Limit: 59 F
      Setting        ◀◆▶
```

2.4.4   Auto-off by Sensor

```
Auto-off by Sensor
Save the settings?


        Yes    No


           Setting           ▶
```

Basic screen is displayed.

Select "Yes" and press "Menu/OK" button.

Confirmation screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select "Energy Saving Options" and press "Menu/OK" button.

Select "Auto-off by Sensor" and press "Menu/OK" button.

Select Enable or Disable and set hours for auto-off using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

Service settings menu is displayed.

Press "Cancel" button.

Item 2 is displayed.

Press "Cancel" button.

Item 3 is displayed.

```
Service Settings        1/3
Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Function
Min Setpoints Differential
        Setting          ⬍
```

```
Energy Saving Options
Setpoint Range Limitation
Setback Configuration
Auto-setback by Sensor
Auto-off by Sensor


        Setting          ⬍
```

```
Auto-off by Sensor


   Enable/Disable:Disable
     Auto-off in: 1 hr(s)


        Setting        ◀⬍▶
```

2.5   Prohibit Function

This function prevents the user from operating buttons.
Buttons can be enabled or disabled individually.

2.5.1   Setting method

<Prohibit buttons>

① **Enable settings**
1. Hold down the " ▶ " button while the basic screen is displayed.
2. While still holding down the " ▶ " button, press the "Mode", "Fan Speed", and "Cancel" buttons at the same time.

② **Disable settings**
1. Hold down the " ▶ " button while the basic screen is displayed.
2. While still holding down the " ▶ " button, press the "Mode", "Fan Speed", and "Cancel" buttons at the same time.

<Prohibit mode>

```
┌──────────────────────┐
│ Prohibit Mode        │
├──────────────────────┤
│ Save the settings?   │
│                      │
│         ▮Yes▮   No    │
│                      │
├──────────────────────┤
│         Setting    ▶ │
└──────────────────────┘
```

```
┌──────────────┐                                              ┌──────────────┐
│ Basic screen │        Select "Yes" and press "Menu/OK" button.   │ Confirmation │
│ is displayed.│                                              │ screen is    │
└──────────────┘                                              │ displayed.   │
                                                              └──────────────┘
```

Press "Cancel" button once. | Press and hold "Cancel" button for 4 seconds or more.

Select "Prohibit Function" and then press "Menu/OK" button.

Select "Prohibit Mode" and then press "Menu/OK" button.

Select the settings using the "◀▶" button and press "Menu/OK" button.

```
┌──────────────┐          ┌──────────────┐          ┌──────────────┐
│ Service      │          │ Item 2 is    │          │ Item 3 is    │
│ settings menu│          │ displayed.   │          │ displayed    │
│ is displayed.│          │              │          │              │
└──────────────┘          └──────────────┘          └──────────────┘
```

Press "Cancel" button once.

Press "Cancel" button.

```
┌────────────────────────┐   ┌────────────────────────┐   ┌────────────────────────┐
│ Service Settings   1/3 │   │ Prohibit Function      │   │ Prohibit Mode          │
├────────────────────────┤   ├────────────────────────┤   ├────────────────────────┤
│ Test Operation         │   │ Prohibit Buttons       │   │ Fan      : ▮Enable▮     │
│ Maintenance Contact    │   │ ▮Prohibit Mode       ▮ │   │ Cool     : Enable      │
│ Field Settings         │   │                        │   │ Heat     : Enable      │
│ Energy Saving Options  │   │                        │   │ Auto     : Enable      │
│ ▮Prohibit Function   ▮ │   │                        │   │ Dry      : Enable      │
│ Min Setpoints Differential│ │                       │   │ VentClean : Enable     │
├────────────────────────┤   ├────────────────────────┤   ├────────────────────────┤
│    Setting          ▲▼ │   │    Setting          ▲▼ │   │    Setting        ◀▲▼▶ │
└────────────────────────┘   └────────────────────────┘   └────────────────────────┘
```

Service settings menu	Item 2	Item 3
Prohibit Function	Prohibit Buttons	Up/Dwn, Left, Right, On/Off, Mode, Fan Speed
	Prohibit Mode	Fan, Cool, Heat, Auto, Dry, Vent Clean

2.6   Min Setpoints Differential

This function defines the minimum difference between the set heating and cooling temperatures.
This function is disabled when a centralized remote controller is connected.

```
┌─────────────────────────────────┐
│ Min Setpoints Differential      │
│─────────────────────────────────│
│ Save the settings?              │
│                                 │
│                                 │
│        Yes    No                │
│                                 │
│─────────────────────────────────│
│           Setting            ▶  │
└─────────────────────────────────┘
```

Select "Yes" and press "Menu/OK" button.

┌───────────────┐
│ Confirmation │
│ screen is   │
│ displayed.   │
└───────────────┘

┌───────────────┐
│ Basic screen │
│ is displayed. │
└───────────────┘

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select "Min Setpoints Differential" and then press "Menu/OK" button.

┌───────────────┐
│ Service   │
│ settings menu │
│ is displayed. │
└───────────────┘

┌───────────────┐
│ Item 2 is   │
│ displayed.   │
└───────────────┘

Press "Cancel" button once.

Select the temperature using the "▲/▼ (Up/Down)" buttons and press "Menu/OK" button.

```
┌─────────────────────────────────┐
│ Service Settings          1/3   │
│─────────────────────────────────│
│ Test Operation                  │
│ Maintenance Contact             │
│ Field Settings                  │
│ Energy Saving Options           │
│ Prohibit Function               │
│ Min Setpoints Differential      │
│─────────────────────────────────│
│        Setting             ⬍    │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│ Min Setpoints Differential      │
│─────────────────────────────────│
│ Min Setpoints Differential      │
│                                 │
│           2F                    │
│                                 │
│─────────────────────────────────│
│        Setting             ⬍    │
└─────────────────────────────────┘
```

Service settings menu	Item 2
Min Setpoints Differential	Temperature

2.7 Group Address

2.7.1 Group Address (Group)

<When initializing Group Address>

```
                    ┌──────────────┐
                    │ Basic screen │
                    │ is displayed.│
                    └──────────────┘
        Press          Press and hold
        "Cancel"       "Cancel" button
        button         for 4 seconds
        once.          or more.
                                    Select "Group Address"
                                    and then press "Menu/OK"
                                    button.
                    ┌──────────────┐              ┌──────────────┐
                    │   Service    │              │  Item 2 is   │
                    │settings menu │◄────────────►│  displayed.  │
                    │is displayed. │  Press "Cancel"└──────────────┘
                    └──────────────┘  button once.
```

┌─────────────────────────────────┐
│ Group Address   │
│ ▓Group Address (Group)▓   │
│ Group Address (Unit)   │
│   │
│   │
│   Setting   ⬍   │
└─────────────────────────────────┘

┌─────────────────────────────────┐
│ Service Settings   2/3   │
│ ▓Group Address▓   │
│ Indoor unit AirNet Address   │
│ Outdoor unit AirNet Address   │
│ Error History   │
│ Indoor Unit Status   │
│ Outdoor Unit Status   │
│   Setting   ⬍   │
└─────────────────────────────────┘

Press "Cancel" button once.

Select "Group Address (Group)" and then press "Menu/OK" button.

┌──────────────┐
│ Item 2 is   │
│ displayed. │
└──────────────┘

Press "Menu/OK" button.

Select the desired Group Address using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

┌─────────────────────────────────┐
│ Group Address (Group)   │
│ Gr Addr.   Release   │
│   │
│   ▓1-00▓   │
│   │
│   Change   ⬍   │
└─────────────────────────────────┘

┌──────────────┐
│ Item 2 is   │
│ displayed. │
└──────────────┘

┌─────────────────────────────────┐
│ Group Address (Group)   │
│ Gr Addr.   Set   │
│   │
│   1-00   │
│   │
│   Release   │
└─────────────────────────────────┘

Service settings menu	Item 2
Group Address	Group Address (Group)
	Group Address (Unit)

■ Description
This menu is used to make group address setting for centralized control equipment.
It is also used to make group address setting via the indoor unit.

<When changing or canceling Group Address>

```
┌─────────────┐
│ Basic screen│
│ is displayed.│
└─────────────┘
```

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select "Group Address" and then press "Menu/OK" button.

```
┌─────────────┐
│  Service    │
│settings menu│
│ is displayed.│
└─────────────┘
```

Press "Cancel" button once.

```
┌─────────────┐
│  Item 2 is  │
│ displayed.  │
└─────────────┘
```

```
┌────────────────────────────────┐
│ Group Address                   │
│ ▐Group Address (Group)▌         │
│  Group Address (Unit)           │
│                                 │
│                                 │
│  ─────────────────────────      │
│         Setting          ⬍      │
└────────────────────────────────┘
```

```
┌────────────────────────────────────┐
│ Service Settings          2/3       │
│ ▐Group Address▌                     │
│  Indoor unit AirNet Address         │
│  Outdoor unit AirNet Address        │
│  Error History                      │
│  Indoor Unit Status                 │
│  Outdoor Unit Status                │
│  ─────────────────────────          │
│         Setting            ⬍        │
└────────────────────────────────────┘
```

Press "Cancel" button once.

Select "Group Address (Group)" and then press "Menu/OK" button.

```
┌─────────────┐
│  Item 2 is  │
│ displayed.  │
└─────────────┘
```

```
┌────────────────────────────────┐
│ Group Address (Group)           │
│ Gr Addr.    Set                 │
│                                 │
│            1-00                 │
│                                 │
│  ─────────────────────────      │
│         Release                 │
└────────────────────────────────┘
```

Select the desired Group Address using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

Press "Menu/OK" button.

```
┌─────────────┐
│  Item 2 is  │
│ displayed.  │
└─────────────┘
```

```
┌────────────────────────────────┐
│ Group Address (Group)           │
│ Gr Addr.    Release             │
│                                 │
│           ▐1-00▌                │
│                                 │
│  ─────────────────────────      │
│         Change           ⬍      │
└────────────────────────────────┘
```

2.7.2 Group Address (Unit)

<When initializing Group Address>

Basic screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Service settings menu is displayed.

Select "Group Address" and then press "Menu/OK" button.

Press "Cancel" button once.

Item 2 is displayed.

```
Service Settings      2/3
Group Address
Indoor unit AirNet Address
Outdoor unit AirNet Address
Error History
Indoor Unit Status
Outdoor Unit Status
        Setting        ⬍
```

```
Group Address
Group Address (Group)
Group Address (Unit)


        Setting        ⬍
```

Select "Group Address (Unit)" and then press "Menu/OK" button.

Press "Cancel" button once.

Item 2 is displayed.

```
Group Address (Unit)
Unit No.        Gr Addr.
                Release
   0             1-00

                     ◄⬍►
```

Select the desired Unit No. using the "▲/▼ (Up/Down)" buttons, and then select Group Address using the "◄►" buttons.

Item 2 is displayed.

```
Group Address (Unit)
Unit No.        Gr Addr.
                Release
   0             1-00

        Change        ◄⬍►
```

Press "Menu/OK" button.

Select the desired Group Address using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

Item 2 is displayed.

```
Group Address (Unit)
Unit No.        Gr Addr.
                Set
   0             1-00

        Release       ◄ ►
```

<When changing or canceling Group Address>

Basic screen is displayed.

Press "Cancel" button once. / Press and hold "Cancel" button for 4 seconds or more.

Service settings menu is displayed.

Select "Group Address" and then press "Menu/OK" button. → Item 2 is displayed.

Press "Cancel" button once.

```
Service Settings        2/3
Group Address
Indoor unit AirNet Address
Outdoor unit AirNet Address
Error History
Indoor Unit Status
Outdoor Unit Status
        Setting          ◆
```

```
Group Address
Group Address (Group)
Group Address (Unit)


        Setting          ◆
```

Select "Group Address (Unit)" and then press "Menu/OK" button.

Press "Cancel" button once. → Item 2 is displayed.

```
Group Address (Unit)
Unit No.        Gr Addr.
                Set
    0           1-00


                        ◀◆▶
```

Select the desired Unit No. using the "▲/▼ (Up/Down)" buttons, and then select Group Address using the "◀▶" buttons, and then press "Menu/OK" button.

→ Item 2 is displayed.

Press "Menu/OK" button. / Select the desired Group Address using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

```
Group Address (Unit)
Unit No.        Gr Addr.
                Release
    0           1-00


        Change          ◀◆▶
```

→ Item 2 is displayed.

```
Group Address (Unit)
Unit No.        Gr Addr.
                Set
    0           1-00


        Release         ◀ ▶
```

2.8 Indoor Unit AIRNET Address

\<When initializing AIRNET Address\>

Basic screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Service settings menu is displayed.

Select "Indoor unit AirNet Address" and then press "Menu/OK" button.

Press "Cancel" button.

Item 2 is displayed.

Select the desired Unit No. using the "▲/▼ (Up/Down)" buttons, and then select AIRNET Address using the "◄►" buttons.

Item 2 is displayed.

Select the desired AIRNET Address using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

Item 2 is displayed.

Press "Menu/OK" button.

Item 2 is displayed.

```
Service Settings          2/3
Group Address
Indoor unit AirNet Address
Outdoor unit AirNet Address
Error History
Indoor Unit Status
Outdoor Unit Status
        Setting          ⬍
```

```
Indoor unit AirNet Address
Unit No.        Address
                Release
    0            001

                        ◄⬍►
```

```
Indoor unit AirNet Address
Unit No.        Address
                Release
    0            001

            Change      ◄⬍►
```

```
Indoor unit AirNet Address
Unit No.        Address
                Set
    0            001

            Release      ◄  ►
```

\<When changing or canceling AIRNET Address\>

Basic screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Service settings menu is displayed.

Select "Indoor unit AirNet Address" and then press "Menu/OK" button.

Press "Cancel" button.

Item 2 is displayed.

Select the desired Unit No. using the "▲/▼ (Up/Down)" buttons, and then select AIRNET Address using the "◄►" buttons, and then press "Menu/OK" button.

Item 2 is displayed.

Select the desired AIRNET Address using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

Item 2 is displayed.

Press "Menu/OK" button.

Item 2 is displayed.

```
Service Settings          2/3
Group Address
Indoor unit AirNet Address
Outdoor unit AirNet Address
Error History
Indoor Unit Status
Outdoor Unit Status
        Setting          ⬍
```

```
Indoor unit AirNet Address
Unit No.        Address
                Set
    0            001

                        ◄⬍►
```

```
Indoor unit AirNet Address
Unit No.        Address
                Release
    0            001

            Change      ◄⬍►
```

```
Indoor unit AirNet Address
Unit No.        Address
                Set
    0            001

            Release      ◄  ►
```

Service settings menu	Item 2
Indoor unit AirNet Address	Indoor unit AirNet Address

■ Description
An indoor unit AIRNET address can be set.

2.9   Outdoor Unit AIRNET Address

\<When initializing AIRNET Address\>

\<When changing or canceling AIRNET Address\>

Service settings menu	Item 2
Outdoor unit AirNet Address	Outdoor unit AirNet Address

■ Description
An outdoor unit AIRNET address can be set.

2.10 Error History

<How to check the remote controller history>

```
Basic screen
is displayed.
```

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select "Error History" and press "Menu/OK" button.

Select "RC Error History" and press "Menu/OK" button.

```
Service
setting menu
is displayed.
```

Press "Cancel" button.

```
Item 2 is
displayed.
```

Press "Cancel" button.

```
Item 3 is
displayed.
```

```
Service Settings          2/3
Group Address
Indoor unit AirNet Address
Outdoor unit AirNet Address
Error History
Indoor Unit Status
Outdoor Unit Status
         Setting          ◆
```

```
Error History
RC Error History
Indoor unit Error History




         Setting          ◆
```

```
RC Error History          1/3

   Unit Error  Date      Time
   01  0  PJ   15/02/15 16:08
   02  0  E7   15/02/10 13:45
   03  0  U5   15/01/27  9:15
   04  0  CC   15/01/09 20:46

                          ◀  ▶
```

<How to check the indoor unit history>

```
Basic screen
is displayed.
```

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Select "Error History" and press "Menu/OK" button.

Select "Indoor unit Error History" and press "Menu/OK" button.

```
Service
settings menu
is displayed.
```

Press "Cancel" button.

```
Item 2 is
displayed.
```

Press "Cancel" button.

```
Item 3 is
displayed.
```

```
Service Settings          2/3
Group Address
Indoor unit AirNet Address
Outdoor unit AirNet Address
Error History
Indoor Unit Status
Outdoor Unit Status
         Setting          ◆
```

```
Error History
RC Error History
Indoor unit Error History




         Setting          ◆
```

```
Indoor unit Error History  1/2
Unit No 0
         Error  Date      Time
   01    PJ    15/02/10 13:50
   02    E7    15/01/27 10:00
   03    U5    15/01/09 22:30

                          ◀◆▶
```

```
Indoor unit Error History  2/2
Unit No 0
         Error  Date      Time
   04    CC    15/01/09 20:40
   05    A6    15/01/03  0:20



                          ◀◆▶
```

Service settings menu	Item 2	Item 3
Error History	RC Error History	Unit, Error, Date, Time
	Indoor unit Error History	Unit No., Error, Date, Time

■ Description
<RC Error History>
　Up to 10 errors received by the remote controller can be displayed.
<Indoor unit Error History>
　Up to 5 errors from the indoor unit error history can be displayed.
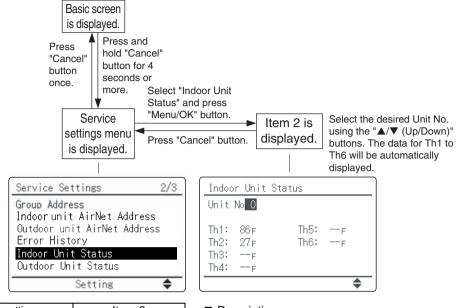
2.11 Indoor Unit Status

```
                        ┌──────────────┐
                        │ Basic screen │
                        │ is displayed.│
                        └──────────────┘
              Press          Press and
              "Cancel"       hold "Cancel"
              button         button for 4
              once.          seconds or
                             more.       Select "Indoor Unit
                                         Status" and press
                                         "Menu/OK" button.
              ┌──────────────┐                         ┌──────────────┐   Select the desired Unit No.
              │   Service    │ ◄──────────────────────►│  Item 2 is   │   using the "▲/▼ (Up/Down)"
              │settings menu │  Press "Cancel" button. │  displayed.  │   buttons. The data for Th1 to
              │is displayed. │                         └──────────────┘   Th6 will be automatically
              └──────────────┘                                            displayed.
```

```
┌───────────────────────────────┐    ┌───────────────────────────────┐
│Service Settings          2/3  │    │Indoor Unit Status             │
│Group Address                  │    │Unit No 0                      │
│Indoor unit AirNet Address     │    │                               │
│Outdoor unit AirNet Address    │    │Th1:  86F        Th5:  --F     │
│Error History                  │    │Th2:  27F        Th6:  --F     │
│Indoor Unit Status             │    │Th3:  --F                      │
│Outdoor Unit Status            │    │Th4:  --F                      │
│         Setting          ◆    │    │                          ◆    │
└───────────────────────────────┘    └───────────────────────────────┘
```

Service settings menu	Item 2
Indoor Unit Status	Unit No., Th1, Th2, Th3, Th4, Th5, Th6

■ Description

Th1:	Suction air thermistor
Th2:	Heat exchanger liquid pipe thermistor
Th3:	Heat exchanger gas pipe thermistor
Th4:	Discharge air thermistor
Th5:	∗
Th6:	∗
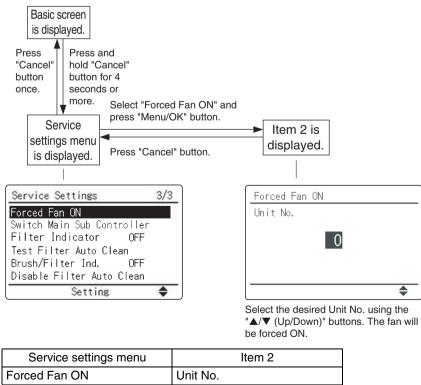
∗ Thermistor name varies depending on the connected indoor unit.

2.12 Outdoor Unit Status

```
                              Basic screen
                              is displayed.
                                    ▲
                                    │
              Press          Press and
              "Cancel"       hold "Cancel"
              button         button for 4
              once.          seconds or
                             more.        Select the item you want
                                          to check and press
                                          "Menu/OK" button.
                          Service                          Item 2 is        Select the desired Unit
                          settings menu  ◄─────────────►   displayed.       No. using the "▲/▼
                          is displayed.  Press "Cancel" button.             (Up/Down)" buttons. The
                                                                            data for Th1 to Th3 will be
                                                                            automatically displayed.
```

```
Service Settings         2/3          Outdoor Unit Status
Group Address                         Unit No 0
Indoor unit AirNet Address
Outdoor unit AirNet Address           Th1:  95F        Th5:  --F
Error History                         Th2: 118F        Th6:  --F
Indoor Unit Status                    Th3: 118F
Outdoor Unit Status                   Th4:  --F
          Setting          ♦                             ♦
```

Service settings menu	Item 2
Outdoor Unit Status	Unit No., Th1, Th2, Th3

■ Description ■

Th1:	∗
Th2:	∗
Th3:	∗
Th4:	∗
Th5:	∗
Th6:	∗

∗ Thermistor name varies depending on the connected outdoor unit.

2.13 Forced Fan ON

Fans on individual indoor units can be forced ON.

```
                              Basic screen
                              is displayed.
                                    ▲
                                    │
              Press          Press and
              "Cancel"       hold "Cancel"
              button         button for 4
              once.          seconds or
                             more.     Select "Forced Fan ON" and
                                       press "Menu/OK" button.
                          Service                          Item 2 is
                          settings menu  ◄─────────────►   displayed.
                          is displayed.  Press "Cancel" button.
```

```
Service Settings         3/3          Forced Fan ON
Forced Fan ON                         Unit No.
Switch Main Sub Controller
Filter Indicator      OFF
Test Filter Auto Clean                        0
Brush/Filter Ind.     OFF
Disable Filter Auto Clean
          Setting          ♦                             ♦
```

Select the desired Unit No. using the
"▲/▼ (Up/Down)" buttons. The fan will
be forced ON.

Service settings menu	Item 2
Forced Fan ON	Unit No.

2.14 Switch Main Sub Controller

The designation of the main and sub remote controllers can be swapped. Note that this change requires turning the power OFF and then ON again.
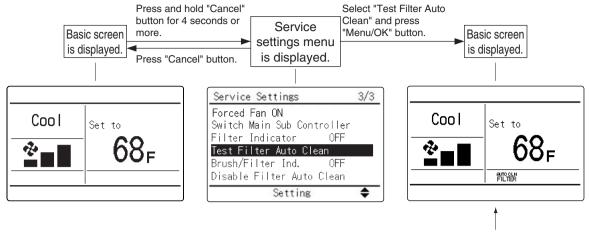
Service settings menu	Item 2
Switch Main Sub Controller	Main RC Sub RC

2.15 Filter Indicator
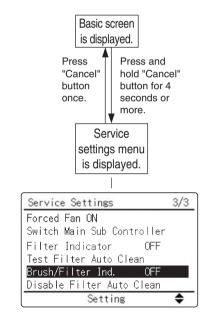
Service settings menu	Item 2
Filter Indicator	Sign ON Sign OFF

2.16 Test Filter Auto Clean

Press and hold "Cancel" button for 4 seconds or more.

Select "Test Filter Auto Clean" and press "Menu/OK" button.

Basic screen is displayed.

Service settings menu is displayed.

Basic screen is displayed.

Press "Cancel" button.

Cool

Set to

68 F

```
Service Settings        3/3
Forced Fan ON
Switch Main Sub Controller
Filter Indicator      OFF
Test Filter Auto Clean
Brush/Filter Ind.     OFF
Disable Filter Auto Clean
        Setting        ⬍
```

Cool

Set to

68 F

AUTO CLN FILTER

"AUTO CLN FILTER" will be displayed.

2.17 Brush / Filter Ind.

Basic screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Service settings menu is displayed.

```
Service Settings        3/3
Forced Fan ON
Switch Main Sub Controller
Filter Indicator      OFF
Test Filter Auto Clean
Brush/Filter Ind.     OFF
Disable Filter Auto Clean
        Setting        ⬍
```

Service settings menu	Item 2
Brush/Filter Ind.	Sign ON Sign OFF

2.18 Disable Filter Auto Clean

```
┌─────────────────────────────┐
│ Disable Filter Auto Clean   │
├─────────────────────────────┤
│ Save the settings?          │
│                             │
│                             │
│        [Yes]    No          │
│                             │
│ ─────────────────────────── │
│         Setting          ▶  │
└─────────────────────────────┘
```

```
┌──────────────────┐                                                                    ┌──────────────┐
│ Basic screen     │            Select "Yes" and press "Menu/OK" button.                │ Confirmation │
│ is displayed.    │                                                                    │ screen is    │
└──────────────────┘                                                                    │ displayed.   │
                                                                                        └──────────────┘
  Press      Press and hold
  "Cancel"   "Cancel" button
  button     for 4 seconds
  once.      or more.
                        Select "Disable Filter
                        Auto Clean" and then
┌──────────────────┐    press "Menu/OK" button.    ┌──────────────┐
│ Service          │                               │ Item 2 is    │   Select the "Yes" or "No" using the
│ settings menu    │    Press "Cancel" button      │ displayed.   │   "▲/▼ (Up/Down)" buttons and
│ is displayed.    │    once.                       └──────────────┘   press "Menu/OK" button.
└──────────────────┘
```

```
┌───────────────────────────────┐          ┌───────────────────────────────┐
│ Service Settings          3/3 │          │ Disable Filter Auto Clean     │
├───────────────────────────────┤          ├───────────────────────────────┤
│ Forced Fan ON                 │          │ Disable Filter Auto Clean     │
│ Switch Main Sub Controller    │          │                               │
│ Filter Indicator      OFF     │          │      [No]                     │
│ Test Filter Auto Clean        │          │                               │
│ Brush/Filter Ind.     OFF     │          │                               │
│ [Disable Filter Auto Clean]   │          │ ───────────────────────────── │
│         Setting          ⬍    │          │         Setting          ⬍    │
└───────────────────────────────┘          └───────────────────────────────┘
```

Service settings menu	Item 2
Disable Filter Auto Clean	Yes No
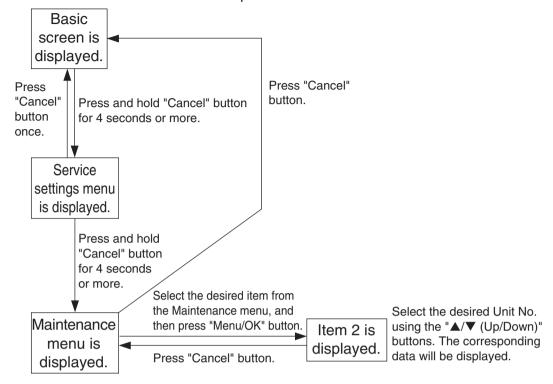
Part 4
Maintenance Menu

1. Maintenance Menu List

Operating the remote controller allows service data to be acquired and various services to be set.

Basic screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Press "Cancel" button.

Service settings menu is displayed.

Press and hold "Cancel" button for 4 seconds or more.

Maintenance menu is displayed.

Select the desired item from the Maintenance menu, and then press "Menu/OK" button.

Press "Cancel" button.

Item 2 is displayed.

Select the desired Unit No. using the "▲/▼ (Up/Down)" buttons. The corresponding data will be displayed.

Maintenance Menu	Item 2	Remarks
2.1 Model Name	1. Unit No.	Select the Unit No. you want to check.
	2. Indoor unit	
	3. Outdoor unit	
2.2 Operation Hours	1. Unit No.	Select the Unit No. you want to check.
	2. Indoor unit operating time	All of these are displayed in hours.
	3. Indoor fan operation	
	4. Indoor unit energized time	
	5. Outdoor unit operating time	
	6. Outdoor unit fan 1 operation	
	7. Outdoor unit fan 2 operation	
	8. Outdoor comp. 1 operation	
	9. Outdoor comp. 2 operation	
2.3 Indoor Unit Status	1. Unit No.	Select the Unit No. you want to check.
	2. FAN	Fan tap
	3. FLAP	Swing, fixed
	4. Speed	Fan speed (rpm)
	5. EV	Degree that electronic expansion valve is open (pulse)
	6. MP	Drain pump ON/OFF
	7. EH	Electric heater ON/OFF
	8. Hu	Humidifier ON/OFF
	9. TBF	Anti-freezing control ON/OFF
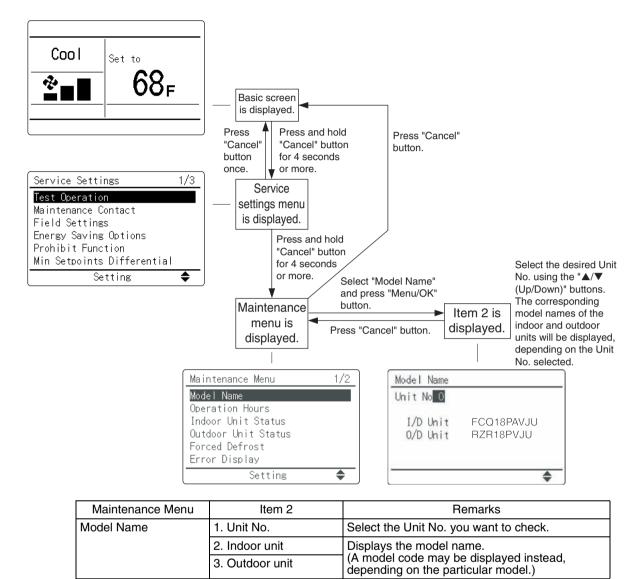
Maintenance Menu	Item 2	Remarks
2.3 Indoor Unit Status	10.FLOAT	
	11.T1/T2	
	12.Unit No.	Select the Unit No. you want to check.
	13.Th1	Suction air thermistor
	14.Th2	Heat exchanger liquid pipe thermistor
	15.Th3	Heat exchanger gas pipe thermistor
	16.Th4	Discharge air thermistor
	17.Th5	∗
	18.Th6	∗
2.4 Outdoor Unit Status	1. Unit No.	Select the Unit No. you want to check.
	2. FAN step	Fan tap
	3. COMP	Compressor power supply frequency (Hz)
	4. EV1	Degree that electronic expansion valve is open (pulse)
	5. SV1	Solenoid valve ON/OFF
	6. Th1	∗
	7. Th2	∗
	8. Th3	∗
	9. Th4	∗
	10.Th5	∗
	11.Th6	∗
2.5 Forced Defrost	1. Forced defrost ON	Enables the forced defrost operation.
	2. Forced defrost OFF	Disables the forced defrost operation.
2.6 Error Display	1. Display Error ON	Displays the error on the screen.
	2. Display Error OFF	Displays neither errors nor warnings.
	3. Display Warning ON	Displays a warning on the screen if an error occurs.
	4. Display Warning OFF	No warning is displayed.
2.7 Swap Unit No.	1. Current Unit No.	A unit No. can be transferred to another.
	2. Transfer Unit No.	
2.8 Addressed Sensor Value	○ Unit No.: 0 - 15	Select the Unit No. you want to check.
	○ Code 00: 01: 02: 03: 04: 05: 06: 07: 08: 09:	 Remote controller thermistor (°F) Suction air thermistor (°F) Heat exchanger liquid pipe thermistor (°F) Heat exchanger gas pipe thermistor (°F) Indoor unit address No. Outdoor unit address No. Branch Selector unit address No. Zone control address No. Cooling/Heating batch address No. Demand/low-noise address No.
	○ Data	The corresponding data will be displayed, based on the Unit No. and Code selected.

∗Thermistor name varies depending on the connected indoor or outdoor unit.

2. Details for Each Menu Item

2.1 Model Name

Maintenance Menu	Item 2	Remarks
Model Name	1. Unit No.	Select the Unit No. you want to check.
	2. Indoor unit	Displays the model name. (A model code may be displayed instead, depending on the particular model.)
	3. Outdoor unit	

★When the PCB has been replaced for repair or other reasons, the model data will not be displayed.

2.2 Operation Hours

```
┌─────────────────────────┐
│  Cool   │ Set to        │
│         │               │
│  ✿▮▮    │  68 F         │
│         │               │
└─────────────────────────┘
```

Basic screen is displayed.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

Press "Cancel" button.

```
┌─────────────────────────────────┐
│ Service Settings          1/3    │
│ ▚Test Operation▚                 │
│ Maintenance Contact              │
│ Field Settings                   │
│ Energy Saving Options            │
│ Prohibit Function                │
│ Min Setpoints Differential       │
│         Setting          ⬍       │
└─────────────────────────────────┘
```

Service settings menu is displayed.

Press and hold "Cancel" button for 4 seconds or more.

Select "Operation Hours" and press "Menu/OK" button.

Maintenance menu is displayed.

Press "Cancel" button.

Item 2 is displayed.

Select the desired Unit No. using the "▲/▼ (Up/Down)" buttons. The corresponding operating time data will be displayed.

```
┌─────────────────────────────────┐
│ Maintenance Menu          1/2    │
│ Model Name                       │
│ ▚Operation Hours▚                │
│ Indoor Unit Status               │
│ Outdoor Unit Status              │
│ Forced Defrost                   │
│ Error Display                    │
│         Setting          ⬍       │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│ Operation Hours                  │
│ Unit No ▮0                       │
│                                  │
│ I/D Op Hours      0006838 hour   │
│ I/D Fan Hours     0005982 hour   │
│ I/D Pwr Hours     0008546 hour   │
│                          ◀⬍▶     │
└─────────────────────────────────┘
```

Display (1/3)

Press the "◀▶" buttons.

```
┌─────────────────────────────────┐
│ Operation Hours                  │
│ Unit No ▮0                       │
│                                  │
│ O/D Op Hours      0006836 hour   │
│ O/D Fan1 Hours    0005980 hour   │
│ O/D Fan2 Hours    0005980 hour   │
│                          ◀⬍▶     │
└─────────────────────────────────┘
```

Display (2/3)

Press the "◀▶" buttons.

```
┌─────────────────────────────────┐
│ Operation Hours                  │
│ Unit No ▮0                       │
│                                  │
│ O/D Comp1 Hours   0005768 hour   │
│ O/D Comp2 Hours   0005768 hour   │
│                                  │
│                          ◀⬍▶     │
└─────────────────────────────────┘
```

Display (3/3)

Maintenance Menu	Item 2
Operation Hours	1. Unit No.
	2. Indoor unit operating time
	3. Indoor fan operation
	4. Indoor unit energized time
	5. Outdoor unit operating time
	6. Outdoor unit fan 1 operation
	7. Outdoor unit fan 2 operation
	8. Outdoor comp. 1 operation
	9. Outdoor comp. 2 operation

2.3   Indoor Unit Status

Maintenance Menu	Item 2	Remarks
Indoor Unit Status 1/3	1. Unit No.	Select the Unit No. you want to check.
	2. FAN	Fan tap
	3. FLAP	Airflow direction selected (swing, P0 to P4)
	4. Speed	Fan speed (rpm)
	5. EV	Degree that electronic expansion valve is open (pulse)
	6. MP	Drain pump ON/OFF
	7. EH	Electric heater ON/OFF
	8. Hu	Humidifier ON/OFF
	9. TBF	Anti-freezing control ON/OFF
Indoor Unit Status 2/3	1. FLOAT	—
	2. T1/T2	—
Indoor Unit Status 3/3	1. Unit No.	Displays the Unit No. selected.
	2. Th1	Suction air thermistor
	3. Th2	Heat exchanger liquid pipe thermistor
	4. Th3	Heat exchanger gas thermistor
	5. Th4	Discharge air thermistor
	6. Th5	∗
	7. Th6	∗

∗Thermistor name varies depending on the connected indoor unit.

2.4   Outdoor Unit Status

```
┌─────────────────────────┐
│ Cool  │ Set to          │
│       │                 │
│ ❄▪■■  │    68 F          │
│       │                 │
└─────────────────────────┘
```

Basic screen is displayed.

Press "Cancel" button once. | Press and hold "Cancel" button for 4 seconds or more.

Press "Cancel" button.

```
┌─────────────────────────────┐
│ Service Settings      1/3   │
│ ▐Test Operation▌            │
│ Maintenance Contact          │
│ Field Settings               │
│ Energy Saving Options        │
│ Prohibit Function            │
│ Min Setpoints Differential   │
│        Setting          ⬍   │
└─────────────────────────────┘
```

Service settings menu is displayed.

Press and hold "Cancel" button for 4 seconds or more.

Select "Outdoor Unit Status" and press "Menu/OK" button.

Maintenance menu is displayed.

Press "Cancel" button.

Item 2 is displayed.

Select the desired Unit No. using the "▲/▼ (Up/Down)" buttons. The corresponding data will be displayed.

```
┌─────────────────────────────┐
│ Maintenance Menu      1/2   │
│ Model Name                   │
│ Operation Hours              │
│ Indoor Unit Status           │
│ ▐Outdoor Unit Status▌       │
│ Forced Defrost               │
│ Error Display                │
│        Setting          ⬍   │
└─────────────────────────────┘
```

```
┌─────────────────────────────┐
│ Outdoor Unit Status         │
│ Unit No ▐0▌                 │
│                              │
│ FANstep:  0                  │
│ COMP:    62                  │
│ EV1: 255pls                  │
│ SV1:OFF                      │
│                        ◀⬍▶  │
└─────────────────────────────┘
```
Display (1/2)

Press the "◀▶" buttons.

```
┌─────────────────────────────┐
│ Outdoor Unit Status         │
│ Unit No ▐0▌                 │
│                              │
│ Th1:  95 F    Th5:  -- F     │
│ Th2: 118 F    Th6:  -- F     │
│ Th3: 118 F                   │
│ Th4:  -- F                   │
│                        ◀⬍▶  │
└─────────────────────────────┘
```
Display (2/2)

Maintenance Menu	Item 2	Remarks
Outdoor Unit Status	1. Unit No.	Check the Unit No. you want to check.
	2. FAN step	Fan tap
	3. COMP	The unit varies depending on the model connected to the system (e.g. Hz, rps).
	4. EV1	Degree that electronic expansion valve is open (pulse)
	5. SV1	Solenoid valve ON/OFF
	6. Th1	∗
	7. Th2	∗
	8. Th3	∗
	9. Th4	∗
	10.Th5	∗
	11.Th6	∗
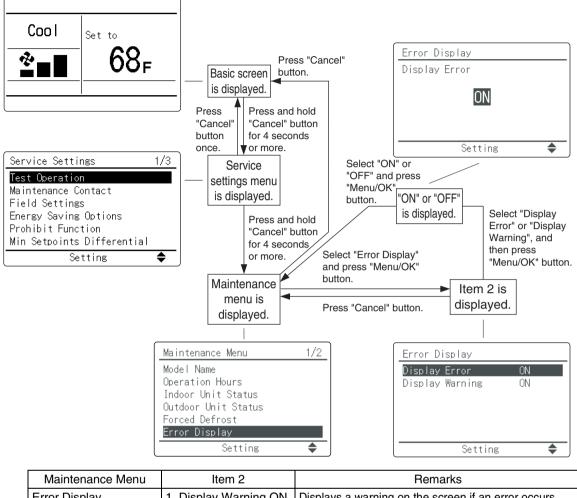
∗Thermistor name varies depending on the connected outdoor unit.

2.5 Forced Defrost

Cool | Set to
68F

Basic screen is displayed. ← Press "Cancel" button.

Press "Cancel" button once. / Press and hold "Cancel" button for 4 seconds or more.

Service settings menu is displayed.

Service Settings 1/3
Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Function
Min Setpoints Differential
Setting

Press and hold "Cancel" button for 4 seconds or more.

Select "Forced Defrost" and press "Menu/OK" button.

Select "ON" or "OFF" using the "▲/▼ (Up/Down)" buttons, and then press "Menu/OK" button.

Maintenance menu is displayed. → Item 2 is displayed.
Press "Cancel" button. ←

Maintenance Menu 1/2
Model Name
Operation Hours
Indoor Unit Status
Outdoor Unit Status
Forced Defrost
Error Display
Setting

Forced Defrost

OFF

Setting

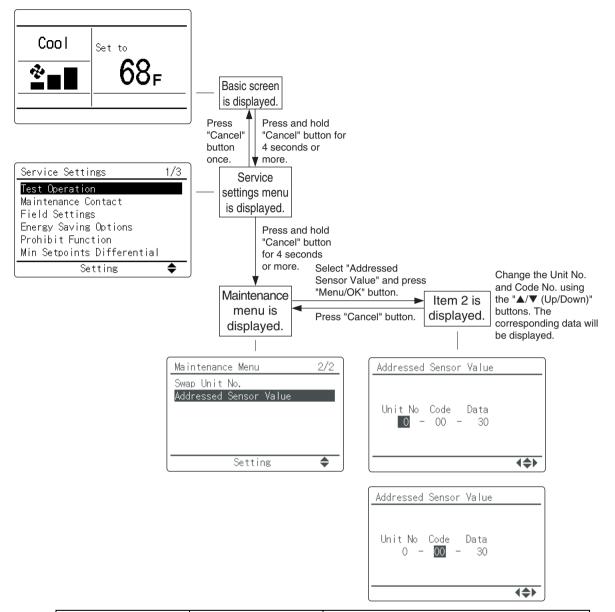| Maintenance Menu	Item 2	Remarks
Forced Defrost	1. Forced Defrost ON	Enables forced defrost operation.
	2. Forced Defrost OFF	Disables forced defrost operation.

2.6 Error Display

```
┌──────────────────────┐
│ Cool │ Set to      │
│      │              │
│ ❄▪■  │  68F        │
│                     │
└──────────────────────┘
```

Basic screen is displayed.

Press "Cancel" button.

```
Error Display
Display Error

        ON

           Setting          ⬍
```

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

```
Service Settings        1/3
Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Function
Min Setpoints Differential
       Setting          ⬍
```

Service settings menu is displayed.

Select "ON" or "OFF" and press "Menu/OK" button.

"ON" or "OFF" is displayed.

Press and hold "Cancel" button for 4 seconds or more.

Select "Display Error" or "Display Warning", and then press "Menu/OK" button.

Select "Error Display" and press "Menu/OK" button.

Maintenance menu is displayed.

Item 2 is displayed.

Press "Cancel" button.

```
Maintenance Menu        1/2
Model Name
Operation Hours
Indoor Unit Status
Outdoor Unit Status
Forced Defrost
Error Display
       Setting          ⬍
```

```
Error Display
Display Error       ON
Display Warning     ON



           Setting          ⬍
```

Maintenance Menu	Item 2	Remarks
Error Display	1. Display Warning ON	Displays a warning on the screen if an error occurs.
	2. Display Warning OFF	No warning is displayed.
	3. Display Error ON	Displays the error on the screen.
	4. Display Error OFF	Displays neither errors nor warnings.

2.7   Swap Unit No.

```
┌─────────────────────────┐
│  Cool  │ Set to          │
│ ❄▪■■  │   68 F           │
│        │                 │
└─────────────────────────┘
```

Basic screen is displayed.

Press "Cancel" button.

Press "Cancel" button once.

Press and hold "Cancel" button for 4 seconds or more.

```
┌─────────────────────────────┐
│ Service Settings       1/3   │
│ ▐Test Operation▌             │
│ Maintenance Contact          │
│ Field Settings               │
│ Energy Saving Options        │
│ Prohibit Function            │
│ Min Setpoints Differential   │
│         Setting        ⬍     │
└─────────────────────────────┘
```

Service settings menu is displayed.

Press and hold "Cancel" button for 4 seconds or more.

Select "Swap Unit No." and press "Menu/OK" button.

Select the desired Unit No. and then the "Transfer Unit No.", using the "▲/▼(Up/Down)" buttons. Then press "Menu/OK" button.

Maintenance menu is displayed.

Press "Cancel" button.

Item 2 is displayed.

```
┌─────────────────────────────┐
│ Maintenance Menu       2/2   │
│ ▐Swap Unit No.▌              │
│ Addressed Sensor Value       │
│                              │
│                              │
│                              │
│         Setting        ⬍     │
└─────────────────────────────┘
```

```
┌─────────────────────────────┐
│ Swap Unit No.                │
│ Unit No.        Transfer     │
│                 Unit No.     │
│    ▐0▌             0          │
│                              │
│         Setting     ◀⬍▶      │
└─────────────────────────────┘
```

```
┌─────────────────────────────┐
│ Swap Unit No.                │
│ Unit No.        Transfer     │
│                 Unit No.     │
│     0            ▐10▌         │
│                              │
│         Setting     ◀⬍▶      │
└─────────────────────────────┘
```

Maintenance Menu	Item 2	Remarks
Swap Unit No.	1. Current Unit No.	A Unit No. can be transferred to another.
	2. Transfer Unit No.	

2.8   Addressed Sensor Value

Maintenance Menu	Item 2	Remarks
Addressed Sensor Value	○ Unit No.:0 to 15	Select the Unit No. you want to check.

	○ Code
	  00 :
	  01 :
	  02 :
	  03 :
	  04 :
	  05 :
	  06 :
	  07 :
	  08 :
	  09 :
	  10 and over :
		
		Remote controller thermistor (°F)
		Suction air thermistor (°F)
		Heat exchanger liquid pipe thermistor (°F)
		Heat exchanger gas pipe thermistor (°F)
		Indoor unit address No.
		Outdoor unit address No.
		Branch Selector unit address No.
		Zone control address No.
		Cooling/heating batch address No.
		Demand/low-noise address No.
		Differs depending on the connected indoor/
		outdoor unit.

	○ Data	The corresponding data will be displayed, based on the Unit No. and Unit Code selected.

Part 5
Troubleshooting
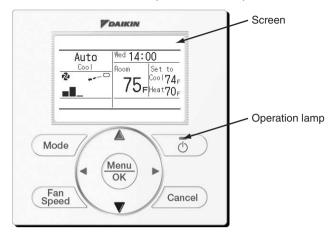
1. Checking Error Codes

The following will be displayed on the screen when an error (or a warning) occurs during operation.
Check the error code and take the corrective action specified for the particular model.

Screen

Operation lamp

(1) Checking an error or warning

	Operation Status	Display
Abnormal shutdown	The system stops operating.	The operation lamp (green) starts to blink. The message "Error: Push Menu button" will appear and blink at the bottom of the screen. Cool Set to 68F Error: Push Menu button
Warning	The system continues its operation.	The operation lamp (green) remains on. The message "Warning: Push Menu button" will appear and blink at the bottom of the screen. Cool Set to 68F Warning: Push Menu button

(2) Taking corrective action

· Press the "Menu/OK" button to check the error code.

Error Code:A1 — Error code

· Take the corrective action specific to the model.

Indoor Model   FCQ18PAVJU
Outdoor Model   RZR18PVJU

⊢ Applicable model names

Revision History

Month / Year	Version	Revised contents
03 / 2015	SiUS721424E	First edition
05 / 2015	SiUS721424EA	Correction of description
11 / 2015	SiUS721424EB	Addition of information regarding Filter Auto-Cleaning, etc.

Warning ⚠

- Daikin products are manufactured for export to numerous countries throughout the world. Prior to purchase, please confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.

- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.

- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.

- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

Dealer

●Specifications, designs and other content appearing in this brochure are current as of November 2015 but subject to change without notice.