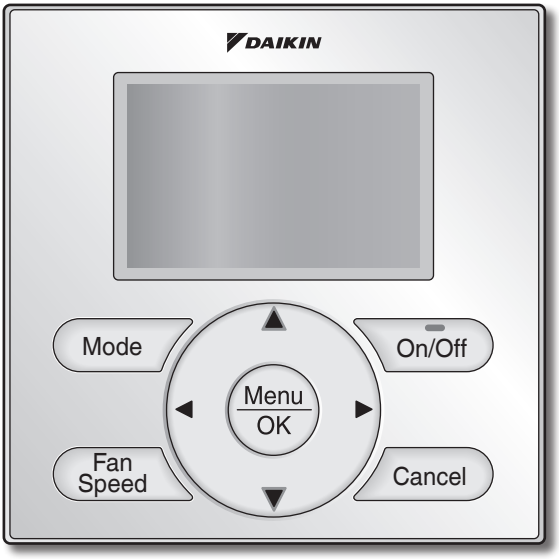
WIRED REMOTE CONTROLLER

OPERATION MANUAL

English

Français

Español



MODEL BRC1NRV71

- Thank you for purchasing the wired remote controller.
- This manual describes safety measures which should be considered during the use of the product.
  Read this manual carefully and be sure you understand the information provided before using the product.
  Keep this manual where it is readily accessible to all current and future operators.

- Nous vous remercions pour votre achat de la télécommande câblée.
- Ce manuel décrit les précautions de sécurité à respecter lors de l'utilisation du produit.
  Lisez soigneusement ce manuel et veillez à bien comprendre les renseignements fournis avant d'utiliser le produit.
  Conserver ce manuel dans un endroit accessible à tous les opérateurs actuels et futurs.

- Gracias por su compra del control remoto alámbrico.
- Este manual describe las consideraciones de seguridad que deben ser observadas durante el uso del producto.
  Lea cuidadosamente este manual y asegúrese de comprender la información provista antes de intentar usar el producto.
  Guarde este manual en un lugar fácilmente accesible para los usuarios actuales y futuros.

Contents

Notices

Safety Considerations Items to be Strictly Observed 2
Button Locations and Descriptions 4
Names and Functions 6

Basic Operation

Cool/Heat/Auto/Fan Operation 10
Dry Mode 13
Setback 14
Ventilation Mode 15
Setting the Cool / Heat Changeover Master 16
Key Lock 19

Quick Reference

Main Menu Items 20

Menu Options

Navigating the Main Menu Screen 23
CO2 Monitoring 24
Humidity 25
Airflow Direction 26
Individual Airflow Direction 28
Ventilation 31
Schedule 33
Override 38
Optimum Start/Stop 40
Maintenance Information 41
Configuration 42
Current Settings 46
Clock & Calendar 46
Daylight Saving Time 49
Language 52

Maintenance

Reset Filter Indicator 52
Maintaining the Unit and LCD Display 53

Reference Information

Error Code Display 54
After-sale Service 55

Safety Considerations

The original instructions are written in English. All other languages are translation of the original instructions.
Read these **SAFETY CONSIDERATIONS** carefully before operating the remote controller.
Train the customer to operate and maintain the remote controller.
Inform customers that they should store this Operations Manual with the Installation Manual for future reference.
Meanings of **WARNING and CAUTION** Symbols:

⚠WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
⚠CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.
⚠NOTE	Indicates situations that may result in equipment or property-damage accidents only.

- The following pictograms are used in this manual.

	Never do.		Always follow the instructions given.
	Keep water and moisture away.		Keep wet hands away.

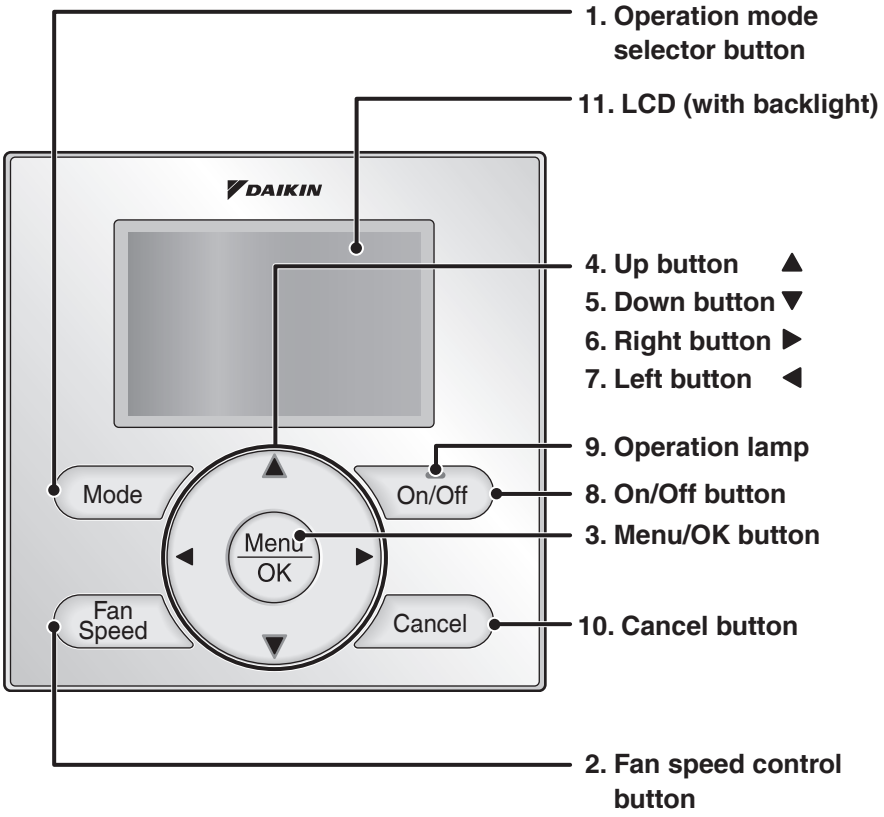
⚠WARNING	
	• **Do not modify or repair the remote controller.** Consult your Daikin dealer for any modification or for repairs.
	• **Do not relocate or reinstall the remote controller by yourself.** Improper installation may result in electric shocks or fire. Consult your Daikin dealer to relocate or for any reinstallation.
	• **Do not use flammable materials (e.g., hairspray or insecticide) near the remote controller.** Do not clean the product with organic solvents such as paint thinner. The use of organic solvents may cause cracking, damaging the product, causing electric shocks, or fire.
	• **Consult the dealer if the remote controller was submerged under water due to a natural disaster, such as a flood or hurricane.** **Do not operate the remote controller at this time or a malfunction, electric shock, or fire can occur.**

——Items to be Strictly Observed——

⚠ CAUTION	
	• **Do not allow children to play with the remote controller to avoid causing damage to the product.**
	• **Never disassemble the remote controller.** Touching the interior parts may result in electric shocks or fire. Consult your Daikin dealer for internal inspections and adjustments.
	• **Do not touch the remote controller buttons with wet fingers.** **Touching the buttons with wet fingers can cause an electric shock.**
	• **Do not wash the remote controller.** Doing so may cause electric leakage and result in electric shocks or fire.
	• **Never let the remote controller to get wet.** Water can cause damage to the remote controller, and may cause an electric shock or fire.

⚠ NOTE	
	• **Never press the button of the remote controller with a hard and pointed object.** The remote controller may be damaged.
	• **Never pull or twist the electric wire of the remote controller.** It may cause the unit to malfunction.
	• **Do not wipe the remote controller with benzine, thinner, chemical dustcloth, etc.** The remote controller may get discolored or the coating peeled off. If it is heavily dirty, soak a cloth in water-diluted neutral detergent, squeeze it well and wipe the remote controller clean. And wipe it with another dry cloth.

Button Locations and Descriptions



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

NOTE

- **Do not install the remote controller in places exposed to direct sunlight, the LCD will be damaged.**
- **Do not pull or twist the remote controller cord, the remote controller may be damaged.**
- **Do not use objects with sharp ends to press the buttons on the remote controller, damage may result.**

1. Operation mode selector button

- Press this button to select the operation mode of your preference. **(See page 10.)**
  * Available modes vary with the model of unit.

2. Fan speed control button

- Press this button to select the fan speed of your preference. **(See page 11.)**
  * Available fan speeds vary with the model of unit.

3. Menu/OK button

- Used to enter the main menu.
  (See page 20 for the menu items.)
- Used to enter the selected item.

4. Up button ▲

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

5. Down button ▼

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

6. Right button ▶

- Used to highlight the next items on the right-hand side.
- Each screen is scrolled in the right-hand direction.

7. Left button ◀

- Used to highlight the next items on the left-hand side.
- Each screen is scrolled in the left-hand direction.

8. On/Off button

- Press this button and system will start.
- Press this button again to stop the system.

9. Operation lamp

- This lamp illuminates solid green during normal operation.
- This lamp flashes if an error occurs.

10. Cancel button

- Used to return to the previous screen.

11. LCD (with backlight)

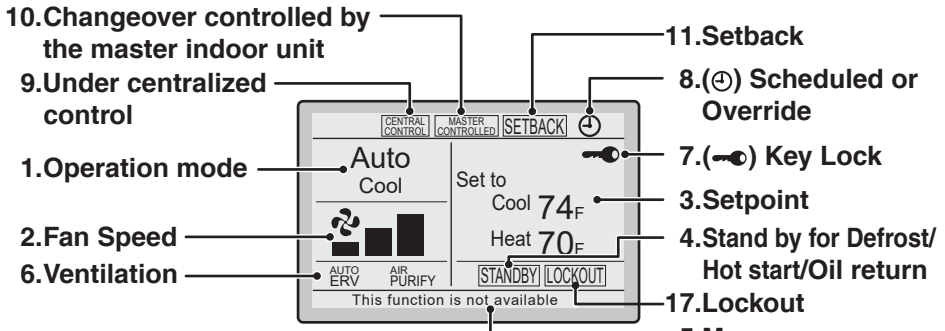
- The backlight will be illuminated for approximately 30 seconds by pressing any button.
- If two remote controllers are used to control a single unit, only the controller accessed first will have backlight functionality.

Names and Functions

Liquid Crystal Display

- Three types of display mode (Standard, Detailed and Simple) are available.
- Standard display is set by default.
- Detailed and Simple displays can be selected in the main menu. **(See page 44.)**

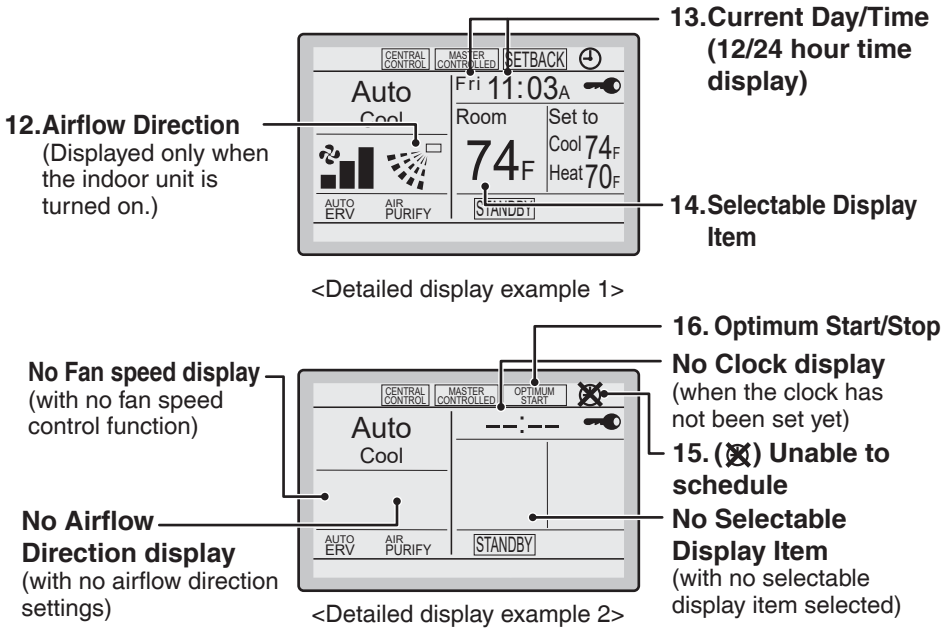
Standard display



<Standard display example>

Detailed display

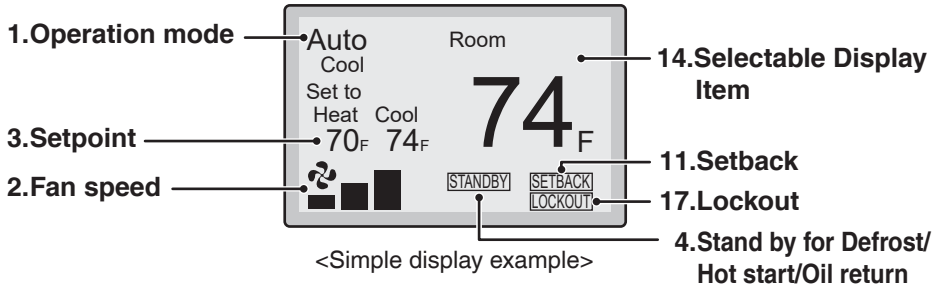
■ **The airflow direction, clock, and selectable item appear on Detailed display screen in addition to the items appearing on Standard display.**



<Detailed display example 1>

<Detailed display example 2>

Simple display



<Simple display example>

Note for all display modes

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

Names and Functions

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 unit.
- The fan speed will not be displayed if the connected model does not have fan speed control functionality.

3. Setpoint

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

4. Stand by for Defrost/Hot start/ Oil return " STANDBY " (See page 12.)

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 unit does not provide the corresponding function.
- In a remote control group, the message will not appear if at least one of the units provides the corresponding function.

"Error: Push Menu button"
"Warning: Push Menu button"

- Displayed if an error or warning is detected **(see page 54)**.

"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 **(see page 52).**

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) (AUTO, ERV, BYPASS).
- **Air Purify ICON "** AIR PURIFY **"**
  This icon indicates that the air purifying unit (Optional) is in operation.

7. Key Lock (See page 19.)

- Displayed when the key lock is set.

8. Scheduled or Override (See page 33, 38.)

- Displayed if the Schedule or Override is enabled.
- For Schedule, see page 33, for override, see page 38.
- When the Override is active, the icon will flash. " "

9. Under Centralized control " CENTRAL CONTROL "

- Displayed if the system is under the management of a multi-zone controller (Optional) and the 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 " (See page 14.)

- 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 **(see page 26)**.
- If the connected model does not include oscillating louvers this item will not be displayed.

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

- Displayed if the clock is set **(see page 46)**.
- If the clock is not set, " -- : -- " will be displayed.
- 12 hour time format is displayed by default.
- Select 12/24 hour time display option in the main menu under "Clock & Calendar".

14.Selectable Display Item

- Room temperature is selected by default.
- For other choices see page 45.

15.☒Unable to schedule

- Displayed when the clock needs to be set.
- The schedule function will not work unless the clock is set.

16.Optimum Start/Stop

" OPTIMUM START " " OPTIMUM STOP " (See page 40.)

- Displayed when the Optimum start or Optimum stop is enabled.
- " OPTIMUM START " or " OPTIMUM STOP " is flashing when the Optimum start or Optimum stop is active.

17.Lockout " LOCKOUT "

(Rooftop unit only)

- " LOCKOUT " is flashing when the lockout is active.

Basic Operation

Cool/Heat/Auto/Fan Operation (SkyAir, VRV and Rooftop)

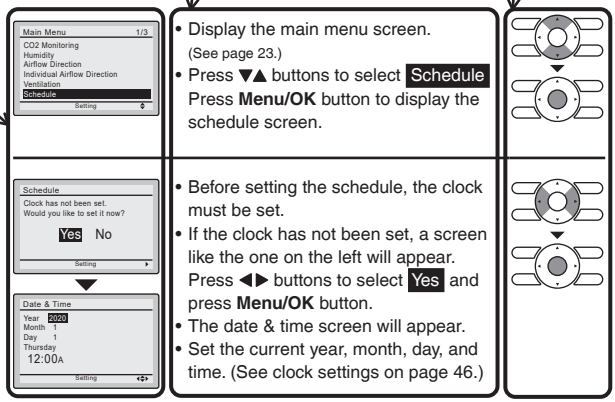
How to follow the operation manual

Operation procedure
Explains the sequence of operation for the remote controller. Operate the buttons according to the procedure.

Operation button display
Displays the location of buttons to be operated.

Operation

Operation screen display
Describes screens that will be displayed on the remote controller in operation.

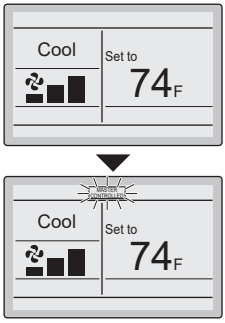


Preparation

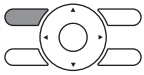
- For mechanical protection purposes, apply power to the outdoor units (rooftop units) at least six hours before starting the operation of the system.

Operation

1



- Press **Mode** button several times until the desired mode Cool, Heat, Fan, or Auto mode is selected.

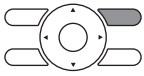


* Unavailable operation modes are not displayed.

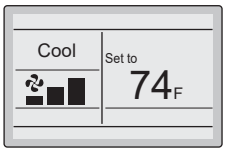
Note
- Both heat and cool mode may not be selected if the unit is master controlled. See page 16 if MASTER CONTROLLED icon flashes.

2

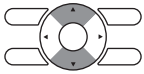
- Press **On/Off** button.
  The Operation lamp will illuminate solid green and the system will start operating.



3

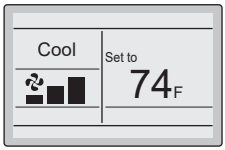


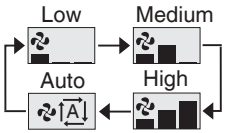
- The setpoint will increase by 1°F (or 1°C) when ▲ button is pressed and decrease by 1°F (or 1°C) when ▼ button is pressed.



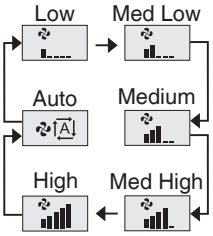
* Setpoint is not available in fan or dry mode.

4





three fan speeds



five fan speeds

- To change the fan speed, press **Fan Speed** button and select the fan speed from;
  - Low/High/Auto for two-speed
  - Low/Medium/High/Auto for three-speed
  - Low/Med Low/Medium/Med High/High/Auto for five-speed

  depending on the model.

* Auto cannot be selected if the unit does not have Auto Fan speed function.
* The system may change the fan speed automatically for equipment protection purposes.
* The system may turn off the fan when the room temperature is satisfied.
* It is normal for a delay to occur when changing the fan speed.
* If the Auto is selected for the fan speed, the fan speed varies automatically based on the difference between setpoint and room temperature.

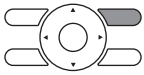
5

- Adjust Airflow Direction from the main menu (see page 26).

  * If the connected unit does not have oscillating louvers, this function will not be available.

6

- When **On/Off** button is pressed again, the system will stop operating and the Operation lamp will turn off.



  * When the system is stopped while in the heating mode, the fan will continue to operate for a few minutes to remove residual heat from the unit.

Note

- To prevent condensation water damage or system failure, do not shut off the power supply to the unit immediately after operation. Wait at least five minutes for the condensate pump to finish draining residual water from the unit.

Characteristics of Defrost, Hot start, Oil return Mode

The system automatically controls the following operating modes to prevent the reduction of heating capacity and space comfort.

Defrost operation

- The system will automatically go into defrost operation to prevent frost accumulation at the outdoor unit (rooftop unit) and subsequent loss of heating capacity.
- The fan will stop, and " STANDBY " will be displayed on the remote controller.
- The system will finish the Defrost operation and return to normal usually within six to eight minutes. It won't last for more than ten minutes.

Hot start

- When the system starts heating operation, the fan will operate with a delay in order to prevent a cold draft.
  (In that case, " STANDBY " will be displayed on the remote controller.)

Oil return
(Rooftop unit only)

- At the cooling mode, the space may be cooled more than necessary in order to prevent a shortage of oil in the compressor.
  (In that case, " STANDBY " will be displayed on the remote controller.)

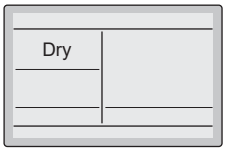
Dry Mode

Preparation

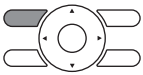
- For equipment protection purposes, apply power to the outdoor units (rooftop units) at least six hours before starting the operation of the system.
- The dry mode may not be selected if the remote controller is master controlled and the system is not already in the cooling mode of operation. (see page 18 for details)

Operation

1



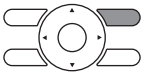
- Press **Mode** button several times until the Dry mode is selected.



* The dry mode may not be available depending on the model of unit.

2

- Press **On/Off** button.
  The Operation lamp will illuminate solid green and the system will start operating.



* In Dry mode, the system maintains automatic temperature and fan speed control. Therefore, temperature setpoint or fan speed settings are not available while the unit is in the Dry mode.

3

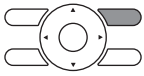
- Adjust Airflow Direction from the main menu (see page 26).

* If the connected unit does not have oscillating louvers, this function will not be available.

Basic Operation

4

- When **On/Off** button is pressed again, the system will stop operating and the Operation lamp will turn off.

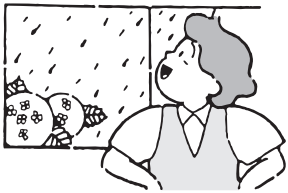


Note

- To prevent condensation water damage or system failure, do not shut off the power supply to the unit immediately after operation. Wait at least five minutes for the condensate pump to finish draining residual water from the unit.

Characteristic of Dry mode

The Dry mode dehumidifies the space at reduced cooling capacity to prevent the room temperature from dropping to an uncomfortable level.



Setback

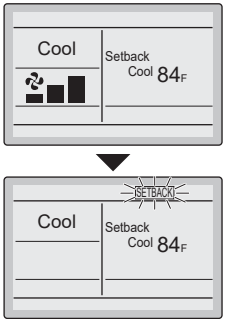
The Setback function can be used to maintain the space temperature in an assigned range for an unoccupied period.

Note

- When enabled, the Setback mode becomes active when the unit is turned off by either the user, a schedule event or an Override.
- This function is not available by default. It can be enabled by the system installer.

Operation

1



- The setback icon flashes when the unit is turned on by the setback control.

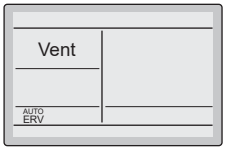
Ventilation Mode When the Indoor Unit (VRV/SkyAir) is Interlocked with Energy Recovery Ventilator

Preparation

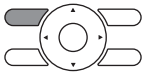
- For equipment protection purposes, apply power to the outdoor units at least six hours before starting the operation of the system.

Operation

1



- When operating the energy recovery ventilator (ERV) between seasons without the indoor unit, set the control to ventilation mode.



2

- Changes to the ventilation mode are made from the main menu.

  * Ventilation Mode: Auto, ERV, and Bypass

3

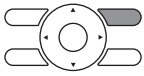
- Changes to the ventilation rate are made from the main menu.

  * Ventilation Rate: Low or High

Basic Operation

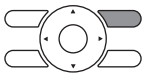
4

- Press **On/Off** button.
  The Operation lamp will illuminate solid green and the system will start operating.



5

- When **On/Off** button is pressed again, the system will stop operating and the Operation lamp will turn off.

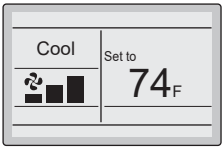


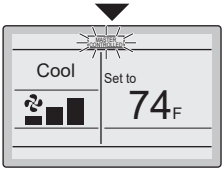
Setting the Cool / Heat Changeover Master

(VRV only)

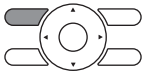
Setting Changes See page 18 for an explanation of the cool/heat changeover master indoor unit.

1





- Press **Mode** button on the remote controller of the changeover master indoor unit for at least four seconds while the backlight is illuminated.



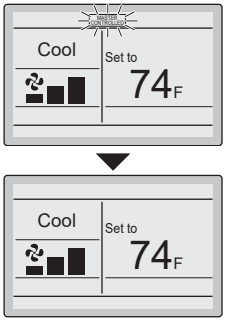
- The "MASTER CONTROLLED" icon on each remote controller for the indoor units connected to the same outdoor unit or Branch Selector unit will start flashing.

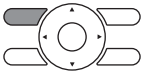
  * Vent mode setting changes are possible regardless of the cool/heat changeover master indoor unit.
  * If the outdoor unit is configured as cool/heat changeover master, all remote controllers serving the associated indoor units will display its "MASTER CONTROLLED" icon.

- Set the cool/heat changeover master indoor unit as outlined below.

Selection Settings The icon " MASTER CONTROLLED " will flash on all remote controllers when the power is turned ON for the first time.

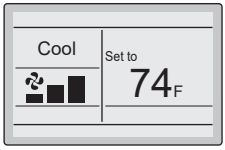
2

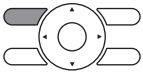




- Press **Mode** button on the remote controller of the indoor unit which is to serve as the cool/heat changeover master.
  The remote controller for the changeover master indoor unit is established and the MASTER CONTROLLED icon is no longer displayed.
  Other remote controllers in the system (indoor units served by the same outdoor unit or indoor units served by the same branch selector unit) will now display the MASTER CONTROLLED icon.

3





- Press **Mode** button on the remote controller of the indoor unit designated as the cool/heat changeover master (the remote controller not displaying the MASTER CONTROLLED icon) repeatedly until the desired mode is selected. The display will change to **Fan**, **Dry**, **Auto**, **Cool**, **Heat** each time the button is pressed.
- Simultaneously, the other indoor units on the system will follow suit and change modes to reflect the new mode selected at the changeover master remote controller.

Basic Operation

Cool / Heat Mode Selection Availability (VRV only)

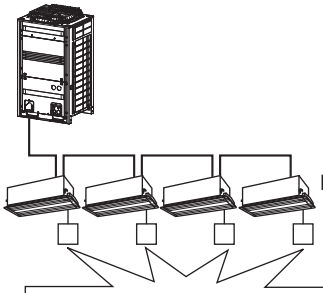
- "Cool", "Heat", and "Auto" are all only available for selection on the cool/heat changeover master indoor unit. The following table indicates the available operating modes of the other indoor units on the system based upon the selected mode of the master indoor unit.

When the master indoor unit is set to	The other indoor units in the system can be set to			
	Cool	Dry	Heat	Fan
Cool mode	✓	✓		✓
Dry mode	✓	✓		✓
Heat mode			✓	✓
Fan mode				✓
Auto mode (Cooling operation)	✓	✓		✓
Auto mode (Heating operation)			✓	✓

Precautions for Selecting the Cool / Heat Changeover Master Indoor Unit (VRV only)

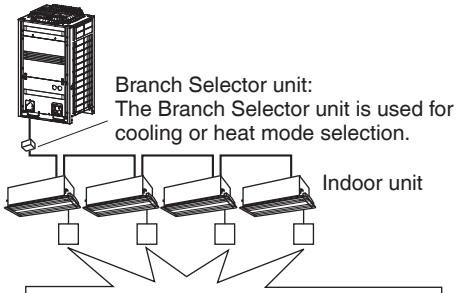
- The cool/heat changeover master must be set for a single indoor unit in the following applications

(2-Pipe Heat Pump System)



A number of indoor units are connected to a single outdoor unit.
Set any one of the indoor units as the cool/heat changeover master.

(3-Pipe Heat Recovery System)

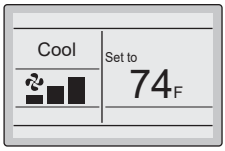


A number of indoor units are connected to a single Branch Selector unit.
Set any one of the indoor units as the cool/heat changeover master.

Key Lock

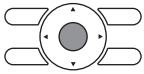
Operation Confirm and cancel Key Lock settings in the basic display screen.

1

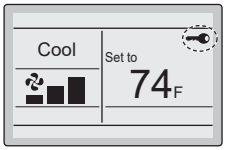


Basic screen

- Press **Menu/OK** button for at least four seconds while the backlight is illuminated.



2



- "🔑" is displayed.
  All buttons are disabled when the keys are locked.
- To cancel the key lock mode, continue pressing **Menu/OK** button for at least four seconds while the backlight is illuminated.

Quick Reference

■The main menu has the following items.

Menu item		Description	Reference page
CO2 Monitoring		Display CO2 history plot and current CO2. (If the unit has a CO2 sensor.)	24
Humidity		Display the current room humidity and set the humidity setpoint.	25
Airflow Direction		**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. * Only for indoor unit that supports Airflow Direction setting.	26
Individual Airflow Direction (Depends on the model of unit)	**Louver Setting**	Set the airflow direction individually for each of the 4 louvers. • Maximum 16 units (unit 0 till 15).	28
	Louver Setting List	Setting table for louver.	29
	Reset All Louvers Position	Reset all louvers to factory default setting.	30
Ventilation (Ventilation operation settings for energy recovery ventilator)	**Ventilation Rate**	Used to set “Low” or “High”	31
	Ventilation Mode	Used to set Auto, ERV, or Bypass.	32
Schedule	**Daily Patterns**	• Day settings are selected from four patterns, i.e., “7Days”, “Weekday/Sat/Sun”, “Weekday/Weekend”, and “Everyday”.	34
	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.	35

Menu item		Description	Reference page
Override		**Used to set the run time for the indoor unit and rooftop unit using this controller.** • Possible to set in 10 minute increments from 10 minutes to 10 hours.	38
Optimum Start/Stop		Optimum start and stop can be enabled or disabled by each. • Optimum start is used to ensure comfortable space temp prior to occupancy. • Optimum stop is used to ensure energy savings prior to unoccupancy without compromising on comfort.	40
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 the maintenance information.	41
Configuration	**Draft Prevention** (Only available with Occ. sensor installed model of the unit)	The draft prevention function can be **enabled** or **disabled**. When enabled, the Occ. sensor will adjust the louver's position to prevent air blowing directly on occupant.	42
	Contrast Adjustment	Used to make LCD contrast adjustment.	43
	Display	**Used to set the display mode.** • 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.	44
Current Settings		• Used to display a list of current settings for available items.	46
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.	46
	12H/24H Clock	The time can be displayed in either a 12 hour or a 24 hour time format.	49
Daylight Saving Time		Used to adjust the clock in observance of daylight saving time.	49
Language		The display language can be selected between **English**, **Francais**, or **Espanol**.	52

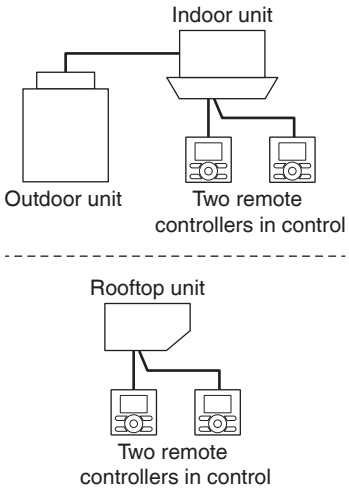
Quick Reference

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

Sub Remote Controller Menu Items

If two remote controllers are connected to a single indoor unit or rooftop 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
- Schedule
- Override
- Humidity
- Setback
- Draft Prevention
- CO2 Monitoring
- Optimum Start/Stop



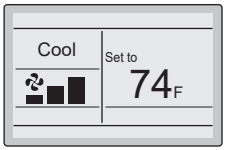
Menu Options

Navigating the Main Menu Screen

■Display Method for Main Menu

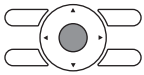
Operation

1

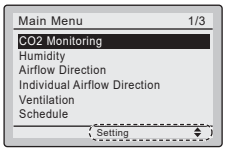


Basic screen

- Press **Menu/OK** button.



2



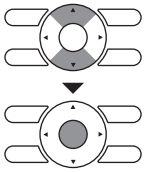
Main menu screen

- The main menu screen is displayed.

⇦ Instructions for navigating the main menu will appear.

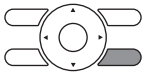
3

- Selecting items from the main menu.
  1. Press ▼▲ buttons to select the desired item to be set.
  2. Press **Menu/OK** button to display the details for the selected item.



4

- To go back to the basic screen from the main menu, press **Cancel** button.



Note

- If a button is not pressed for 5 minutes during configuration, the controller will automatically revert to the basic screen.

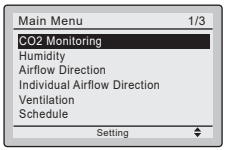
Menu Options

CO2 Monitoring

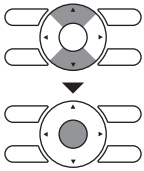
If the unit has CO2 sensor, CO2 history plot and current CO2 are displayed.

Operation

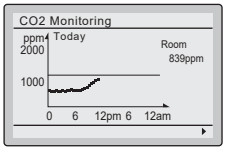
1



- Display the main menu screen. (See page 23.)
- Press ▼▲ buttons to select CO2 Monitoring and press **Menu/OK** button.

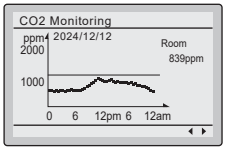


2



- Today's CO2 history plot and current CO2 are displayed.

3



- The date of the history plot can be changed using the ◀▶ buttons up to a week in the past.

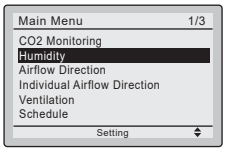
Note
- If the unit is powered off, history data only remains the latest 2 days.
- If the clock has not been set, the history plot is not displayed.

Humidity

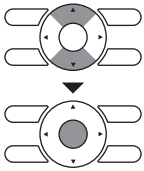
Display the current room humidity and set the humidity.

Operation

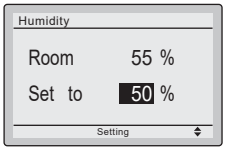
1



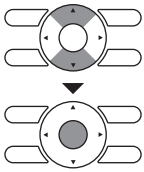
- Display the main menu screen. (See page 23.)
- Press ▼▲ buttons to select Humidity and press **Menu/OK** button.



2

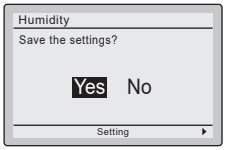


- Room Humidity is displayed.
- To set the humidity, use ▼▲ buttons for adjustment and press **Menu/OK** button. Then, the confirmation screen is displayed.

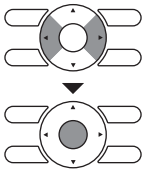


Note
- The menu appears when the connected unit has a humidity sensor.
- The humidity setting appears when the connected unit supports the humidity setting.

3



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



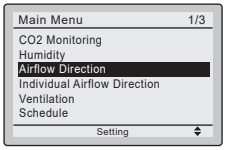
Menu Options

Airflow Direction

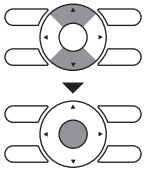
■Configuring Airflow direction

Operation

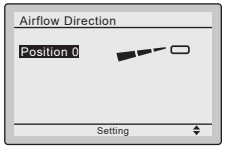
1



- Display the main menu screen.
  (See page 23.)
- Press ▼▲ buttons to select Airflow Direction and press **Menu/OK** button.

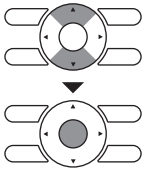


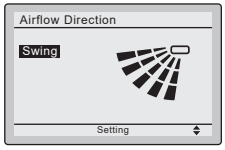
2



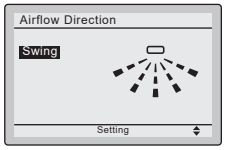
(1) Adjusting method when there is single airflow direction.

- 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.





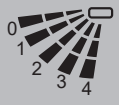
Airflow direction setting (up/down)



Airflow direction setting (left/right)

Note

- The airflow directions appear on the screen as follows:



Up/down direction

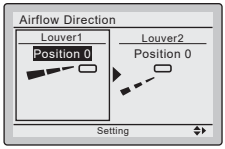
Left/right direction

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

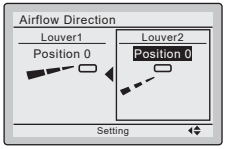
Notice

These operation and screen are example of single airflow direction type indoor unit.
It is different from Single flow cassette model.

3

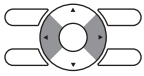


When front/back direction is selected



When left/right direction is selected

(2) Adjusting method for selecting dual airflow directions.

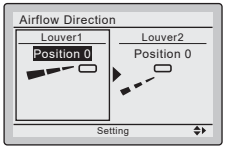


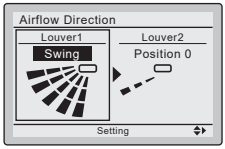
- Press ◀▶ buttons, to select front/back or left/right direction setting.

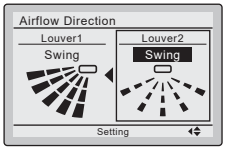
Notice

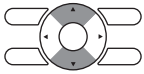
These operation and screen are example of dual airflow directions type directions indoor unit (Single flow cassette model).

4

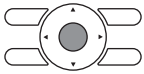






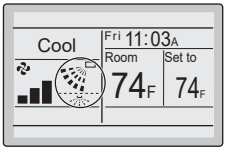


- Select the desired airflow direction from Position 0 , Position 1 , Position 2 , Position 3 , Position 4 , Swing or Auto using ▼▲ buttons.
- Selecting Swing will cause the airflow direction louver to swing position 0 to 4.
- Setting Auto is not available when left/right direction is selected.



- Press **Menu/OK** button to confirm the settings and return to the basic screen.

5



Basic screen
(Detailed display)

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

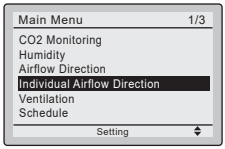
Menu Options

Individual Airflow Direction

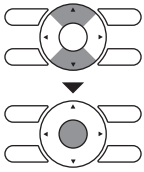
■Louver Setting

Operation

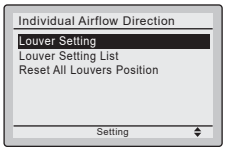
1



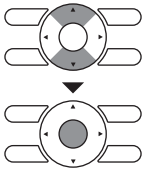
- Display the main menu screen.
  (See page 23.)
- Select **Individual Airflow Direction** and press **Menu/OK** button.



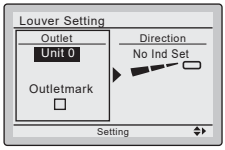
2



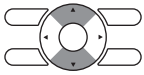
- Select **Louver Setting** and press **Menu/OK** button.

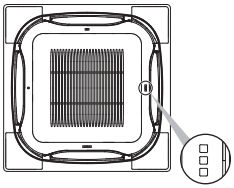


3



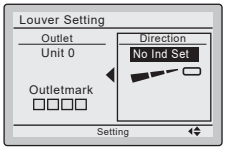
- Use ▼▲ buttons to select the unit and outlet mark.
- Maximum 16 units for each group (unit 0 till 15) can be selected.



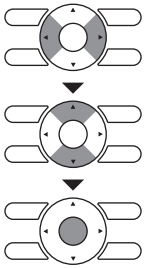


Note
In case of four outlets (cassette type), you can control each one of the four louvers individually (the following marks are beside each air outlet: □, □□, □□□, □□□□).

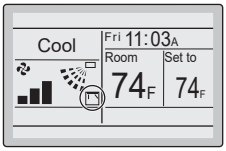
4



- 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



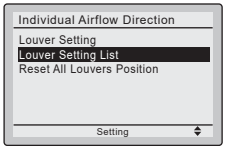
Basic screen
(Detailed display)

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

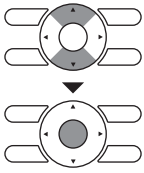
■Louver Setting List

Operation

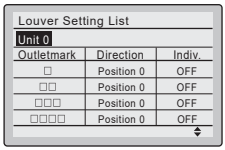
1



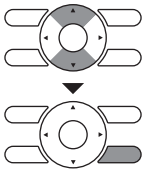
- Display the individual airflow direction screen. (See page 28.)
- Press ▼▲ buttons to select Louver Setting List and press **Menu/OK** button.



2



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

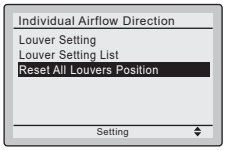


Menu Options

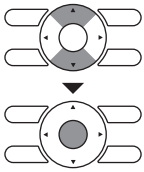
■Reset All Louvers Position

Operation

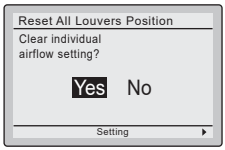
1



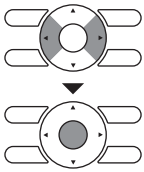
- Display the individual airflow direction screen.
  (See page 28.)
- Press ▼▲ buttons to select Reset All Louvers Position and press **Menu/OK** button.



2



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

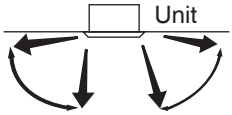


Operational Details and Functions

There are two types of airflow direction settings.

Airflow direction swing

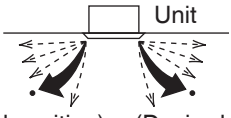
The louvers automatically oscillate up and down.



(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.)



(Desired position) (Desired position)

Movement of airflow direction louver

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

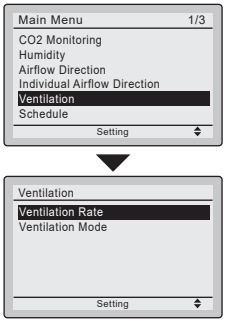
Operating condition	• Room temperature is higher than the remote controller's setpoint (in heating operation). • When defrosting (in heating operation). (The airflow discharges horizontally to avoid creating a draft for the room occupants.) • Under continuous operation with the airflow discharging horizontally.

Ventilation

■Ventilation screen display properties

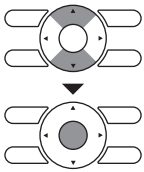
Operation

1



- Display the main menu screen.
  (See page 23.)
- 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.)

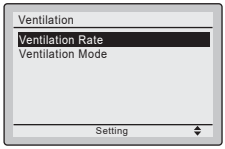
  Press **Menu/OK** button to display the ventilation screen.



■Changing the ventilation rate

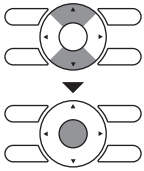
Operation

1



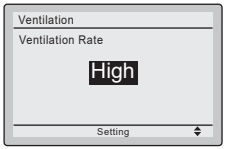
- Navigate to the ventilation screen
  (see above).
- Press ▼▲ buttons to select Ventilation Rate on the ventilation screen.

  Press **Menu/OK** button to display the ventilation rate screen.



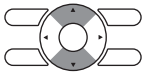
Menu Options

2



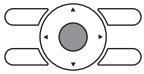
- Press ▼▲ buttons to toggle between the **Low** and **High** settings.

* Only modes that can be set are displayed.



3

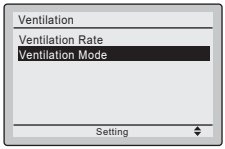
- Selecting and confirming the desired ventilation rate will take you back to the basic screen.
  (Pressing **Cancel** button takes you back to the previous screen without changing the ventilation rate.)



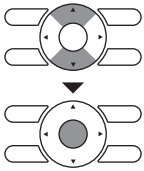
■Changing the ventilation mode

Operation

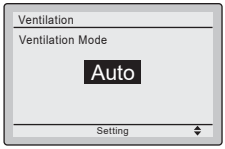
1



- Display the ventilation screen.
  (See page 31.)
- Press ▼▲ buttons to select **Ventilation Mode** on the ventilation screen.
  Press **Menu/OK** button to display the ventilation mode screen.



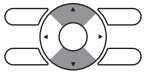
2



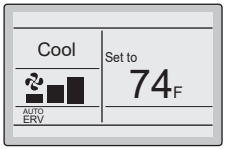
- Pressing ▼▲ buttons cycles through the settings in the order shown below.

Auto ◂▸ **ERV** ◂▸ **Bypass**

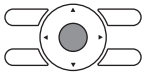
* Only modes that can be set are displayed.



3



- 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.

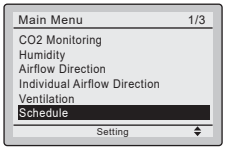
Schedule

■Setting the schedule

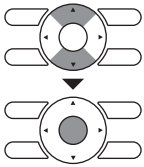
Operation

The schedule will disappear when a multizone controller is connected, but can be re-enabled by the system installer.
The schedule will disappear when a BACnet is connected, but can be re-enabled from BACnet. (Rooftop unit only)

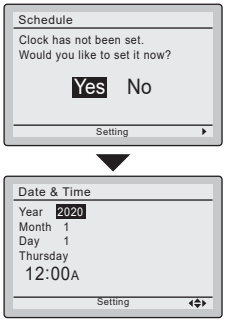
1



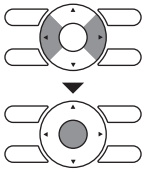
- Display the main menu screen.
  (See page 23.)
- Press ▼▲ buttons to select Schedule . Press **Menu/OK** button to display the schedule screen.



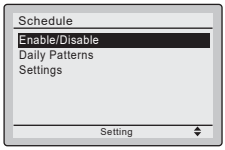
Menu Options



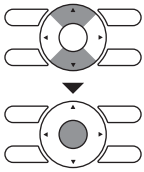
- Before setting the schedule, the clock must be set.
- If the clock has not been set, a screen like the one on the left will appear. Press ◀▶ buttons to select Yes and press **Menu/OK** button.
- The date & time screen will appear.
- Set the current year, month, day, and time. (See clock settings on page 46.)



2



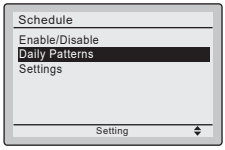
- Press ▼▲ buttons to select the desired function on the schedule screen and press **Menu/OK** button.



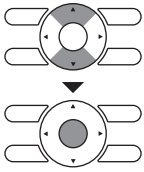
■Daily Patterns

Operation

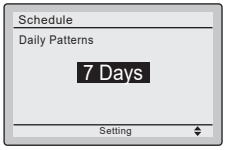
1



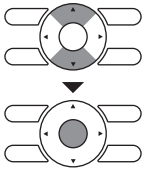
- The schedule screen will appear.
- Press ▼▲ buttons to select Daily Patterns on the schedule screen.
  The daily patterns screen will appear when **Menu/OK** button is pressed.



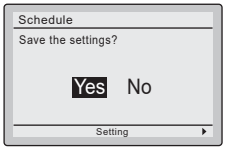
2



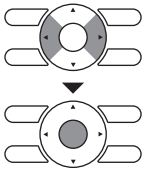
- Press ▼▲ buttons to select 7 Days, Weekday/Sat/Sun, Weekday/Weekend or Everyday on the daily patterns screen.
  The confirmation screen will appear when **Menu/OK** button is pressed.



3



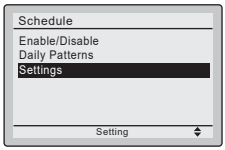
- Press ◀▶ buttons to select **Yes** on the confirmation screen.
  Pressing **Menu/OK** button enters the daily patterns in the schedule and takes you back to the main menu screen.



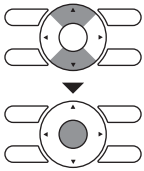
■Settings

Operation

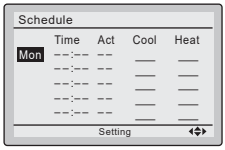
1



- 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.

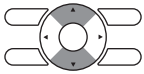


2

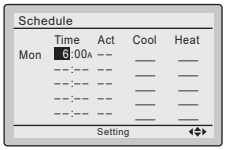


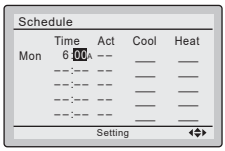
- Press ▼▲ buttons to select the day to be set.

* It cannot be selected in the case of **EVDY** .

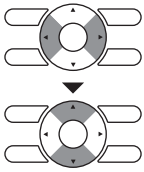


3



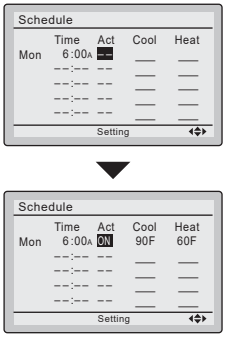


- Input the time for the selected day.
- Press ◀▶ buttons to move the highlighted item and press ▼▲ buttons to input the desired operation start time.
  Each press of ▼▲ buttons moves the numbers by 1 hour or 1 minute.

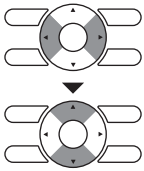


Menu Options

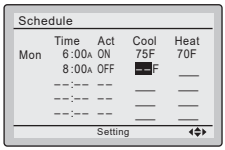
4



- 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.



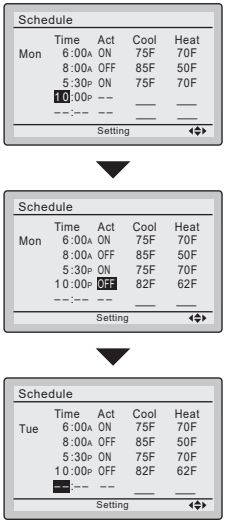
ON: The temperature setpoints can be configured.
OFF: The setback temperature setpoints can be configured.
– –: The temperature setpoints and setback temperature setpoints become disabled.



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

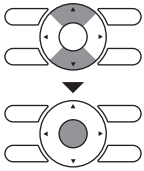
__: Indicates that the temperature setpoint and setback temperature setpoint for this time period is not specified. The last active setpoint will be utilized.
– –: Indicates that the setback function is disabled for this time period.

5

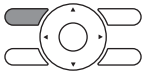


A maximum of five actions per day can be set.

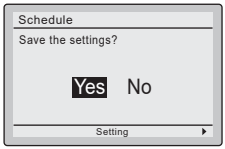
- Press **Menu/OK** button when settings for each day are completed. The confirmation screen will appear.



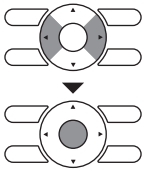
To copy the settings for the previous day, press **Mode** button so that the existing settings will be copied.
Example: The contents for Monday are copied by pressing **Mode** button after selecting Tuesday.



6



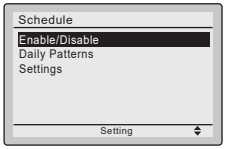
- Press ◀▶ buttons to select **Yes** on the confirmation screen.
  Pressing **Menu/OK** button confirms the settings for each day and takes you back to the basic screen.



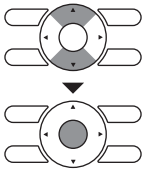
Enabling or disabling the schedule

Operation

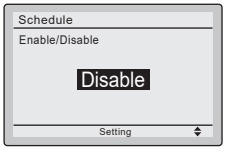
1



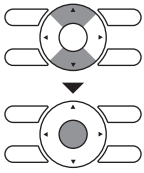
- Display the schedule screen.
  (See page 33.)
- Press ▼▲ buttons to select **Enable / Disable** on the schedule screen.
  Press **Menu/OK** button to display the enable/disable screen.



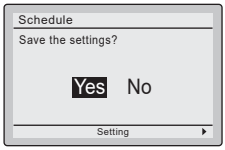
2



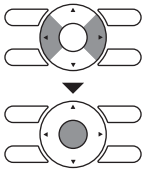
- Press ▼▲ buttons to select **Enable** or **Disable** on the enable/disable screen.
  Press **Menu/OK** button after selecting the item. The confirmation screen is displayed.



3



- 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.



Menu Options

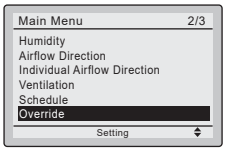
Override

When the unit is turned on by the On/Off button during except for the occupied period, it will automatically turn off after a time set by the timer to prevent forgetting to turn it off.

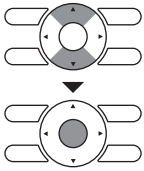
■Configuring and Confirming the Override settings

Operation

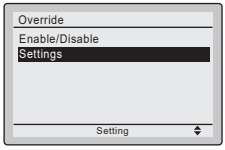
1



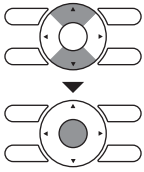
- Display the main menu screen.
  (See page 23.)
- Press ▼▲ buttons to select the Override on the main menu screen. Press **Menu/OK** button to display the override screen.



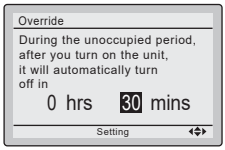
2



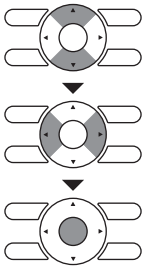
- Press ▼▲ buttons to select Settings on the override screen. Press **Menu/OK** button to display the configuration screen.



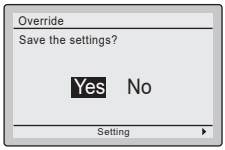
3



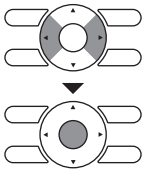
- Use ▼▲ buttons to set the time from operation start until the unit automatically stops.
- Use ◀▶ buttons to select the items of hours and minutes.
- Selections can be made in increments of 10 minutes from 10 minutes to 10 hours.
- Select the desired time and press **Menu/OK** button. The confirmation screen will appear.



4



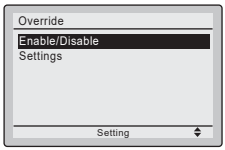
- Press ◀▶ button to select Yes on the confirmation screen. Pressing **Menu/OK** button confirms the override and takes you back to the basic screen.



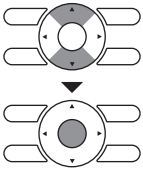
Enabling or disabling the override

Operation

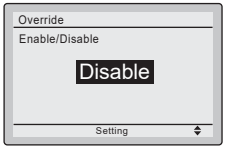
1



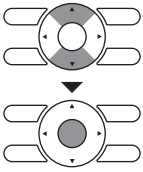
- Navigate to the override screen.
  (See page 38.)
- Press ▼▲ buttons to select Enable/Disable on the override screen. Press **Menu/OK** button to display the enable/disable screen.



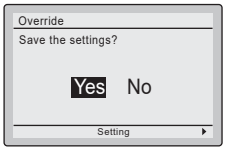
2



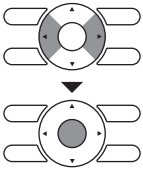
- Press ▼▲ buttons to select Enable or Disable on the enable/disable screen. Press **Menu/OK** button after selecting the item. Then the confirmation screen is displayed.



3



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



Menu Options

Optimum Start/Stop

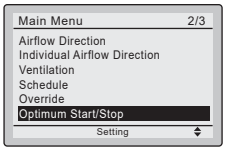
Optimum Start: Unit operation automatically starts before the occupied period to bring the space to desired occupied temperature levels at the beginning of scheduled occupancy.

Optimum Stop: Unit operation automatically slows down before the unoccupied period to bring the space to unoccupied temperature levels at the end of scheduled occupancy.

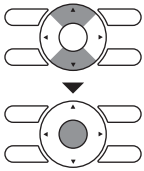
■Configuring and Confirming the Optimum Start/Stop settings

Operation

1

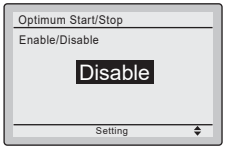


- Display the main menu screen.
  (See page 23.)
- Press ▼▲ buttons to select the Optimum Start/Stop on the main menu screen.
  Press **Menu/OK** button to display the optimum start/stop screen.

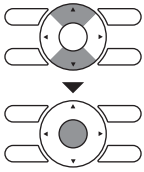


Note
The Optimum Start/Stop menu appears when the connected unit supports the Optimum Start/Stop.

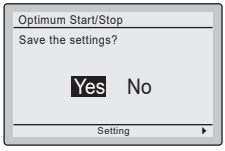
2



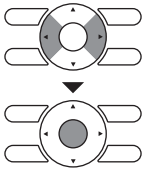
- Press ▼▲ buttons to select from Disable, Start and Stop, Start only, or Stop only.
  Press **Menu/OK** button to display the confirmation screen.



3



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

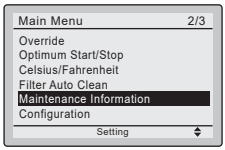


Maintenance Information

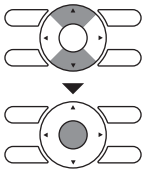
■Displaying the service contact and model information

Operation

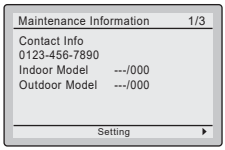
1



- Display the main menu screen.
  (See page 23.)
- Press ▼▲ buttons to select Maintenance Information on the main menu screen and press **Menu/OK** button.



2

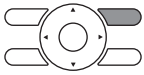


- The phone number for the contact is displayed at the top of the screen.
  (If it has not yet been entered, it will not be displayed.)
- The model information of the indoor and outdoor units (or rooftop units) for your product will be displayed at the middle of the screen.
  (For some models the product code may be displayed.)
- The serial number and detailed model name of the units are displayed on 2nd page and 3rd page.

* If the rooftop unit is connected, only one model name is displayed as a model name, and it does not display on 3rd page.

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

* The 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.



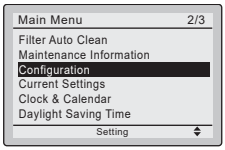
Menu Options

Configuration

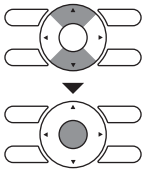
■Draft Prevention

Operation

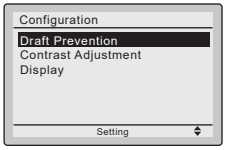
1



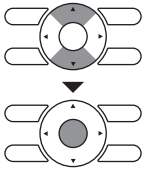
- Display the main menu screen. (See page 23.)
- Press ▼▲ buttons to select Configuration and press **Menu/OK** button.



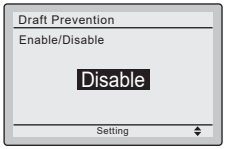
2



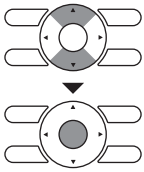
- Press ▼▲ buttons to select Draft Prevention and press **Menu/OK** button.



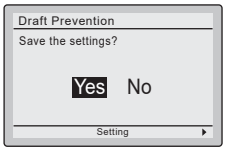
3



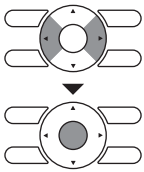
- Press ▼▲ buttons to select Enable or Disable .
- The confirmation screen will appear when **Menu/OK** button is pressed.



4



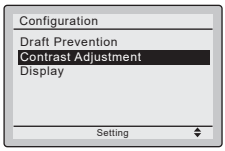
- Press ◀▶ buttons to select Yes .
- Press **Menu/OK** button to confirm the settings and to return to the basic screen.



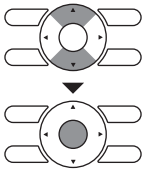
■Contrast Adjustment

Operation

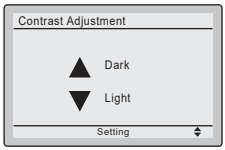
1



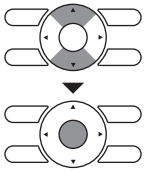
- Navigate to the configuration screen.
  (See page 42.)
- Press ▼▲ buttons to select Contrast Adjustment on the configuration screen.
  Press **Menu/OK** button to display the contrast adjustment screen.



2



- 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.

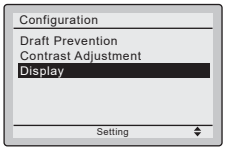


Menu Options

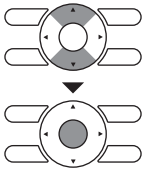
■Display
Display Mode

Operation

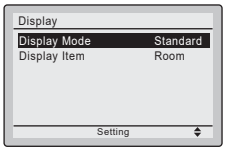
1



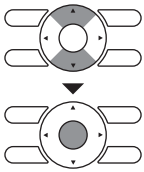
- Navigate to the configuration screen.
  (See page 42.)
- Press ▼▲ buttons to select Display on the configuration screen. Press **Menu/OK** button to display the display screen.



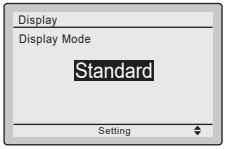
2



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

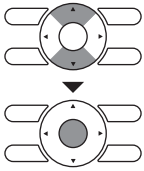


3



- 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.

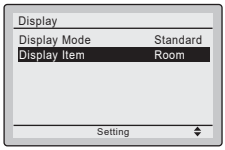
* Refer to **Display Item** to change the selectable display item for Detailed and Simple display modes. (See page 45.)



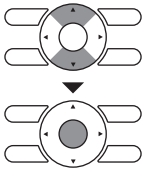
Display Item

Operation

1

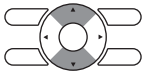


- Navigate to the display screen.
  (See page 44.)
- Press ▼▲ buttons to select **Display Item** on the display screen. Press **Menu/OK** button to display the display item screen.



2

- 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 outside air temperature.

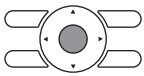
Room Temp

..... 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 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.



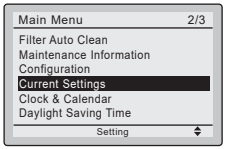
Menu Options

Current Settings

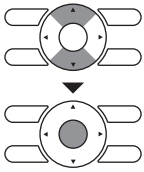
■Confirming the current settings

Operation

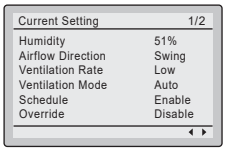
1



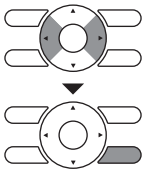
- Display the main menu screen. (See page 23.)
- Press ▼▲ buttons to select Current Settings on the main menu screen and press **Menu/OK** button.



2



- 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

Humidity	Display Mode
Airflow Direction	Display Item
Ventilation Rate	Filter Auto Clean
Ventilation Mode	Optimum Start
Schedule	Optimum Stop
Override	

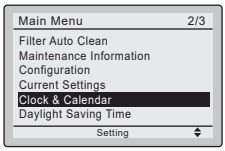
* Display items may differ depending on the model. Only the items that can be set are displayed.

Clock & Calendar

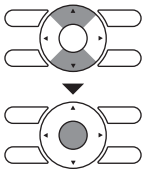
■Date & Time

Operation

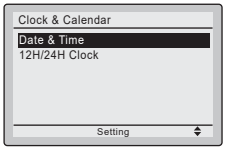
1



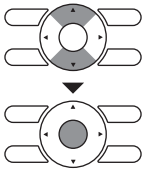
- Display the main menu screen. (See page 23.)
- Press ▼▲ buttons to select Clock & Calendar on the main menu screen.
  Press **Menu/OK** button to display the clock & calendar screen.



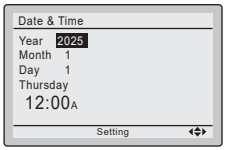
2



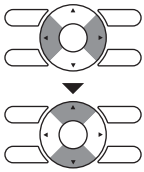
- Press ▼▲ buttons to select **Date & Time** on the clock & calendar screen.
  Press **Menu/OK** button to display the date & time screen.



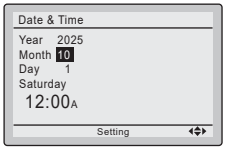
3



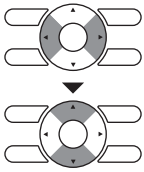
- Select **Year** with ◀▶ buttons.
  Change the year with ▼▲ buttons.
  Holding down the button causes the number to change continuously.



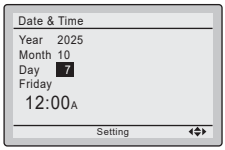
4



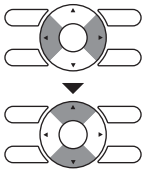
- Select **Month** with ◀▶ buttons.
  Change the month with ▼▲ buttons.
  Holding down the button causes the number to change continuously.



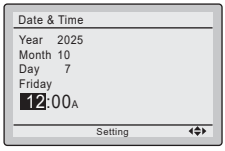
5



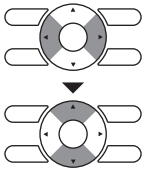
- Select **Day** with ◀▶ buttons.
  Change the day with ▼▲ buttons.
  Holding down the button causes the number to change continuously.
  Days of the week change automatically.



6

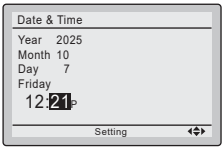


- Select **Hour** with ◀▶ buttons.
  Change the hour with ▼▲ buttons.
  Holding down the button causes the number to change continuously.

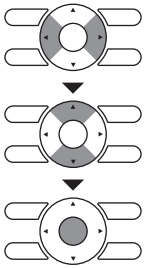


Menu Options

7



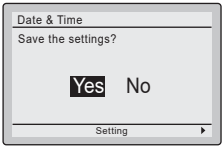
- Select **Minute** with ◀▶ buttons.
  Change the minute with ▼▲ buttons.
  Holding down the button causes the number to change continuously.
- Press **Menu/OK** button.
  The confirmation screen will appear.



Note:

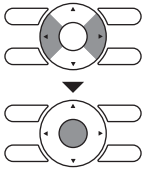
The date can be set between
January 1, 2020 and December 31, 2099.

8



- Press ◀▶ button to select Yes on the confirmation screen.
  Press **Menu/OK** button to confirm the clock and return to the basic screen.

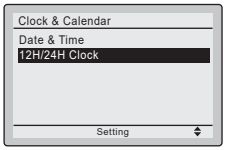
* When setting the schedule, the display returns to the settings screen.



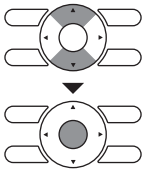
■12H/24H CLOCK

Operation

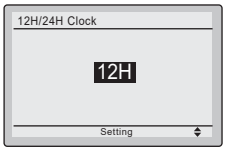
1



- Display the clock & calendar screen. (See page 46.)
- 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.

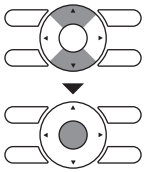


2

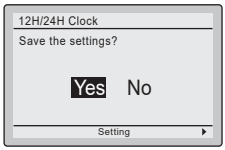


By default, the time display is set to the 12H format.

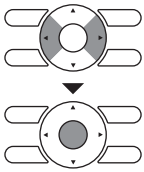
- Press ▼▲ buttons to select 12H 24H on the 12H/24H clock screen.
- The confirmation screen will appear when **Menu/OK** button is pressed.



3



- 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.

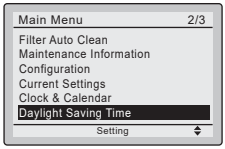


Daylight Saving Time

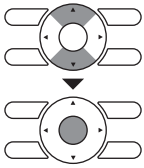
■How to display Daylight Saving Time

Operation

1



- Display the main menu screen. (See page 23.)
- Press ▼▲ buttons to select Daylight Saving Time on the main menu screen. Press **Menu/OK** button to display the daylight saving time screen.

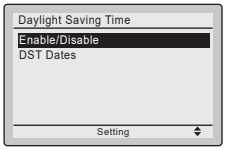


Menu Options

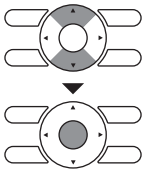
Enabling or disabling Daylight Saving Time

Operation

1

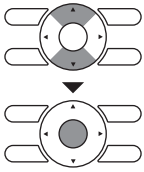


- Display the daylight saving time screen. (See page 49.)
- Press ▼▲ buttons to select **Enable/Disable** on the daylight saving time screen. Press **Menu/OK** button to display the enable/disable screen.

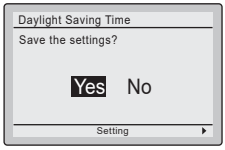


2

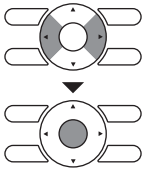
- Press ▼▲ buttons to select **Enable** or **Disable** on the enable/disable screen.
- Press **Menu/OK** button to display the setting confirmation screen.



3



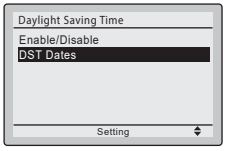
- Press ◀▶ buttons to select **Yes** on the setting confirmation screen. Pressing **Menu/OK** button confirms the daylight saving time enable/disable setting and takes you back to the basic screen.



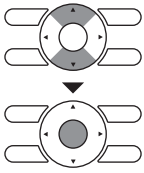
Setting the date

Operation

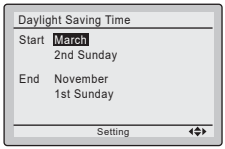
1

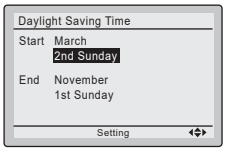


- Display the daylight saving time screen. (See page 49.)
- Press ▼▲ buttons to select **DST Dates** on the daylight saving time screen. Press **Menu/OK** button to display the duration setting screen.

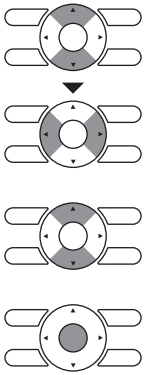


2

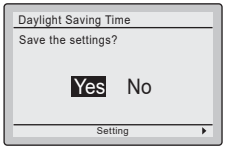




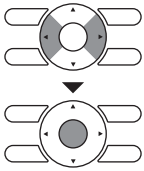
- Press ▼▲ buttons to select the start month and the end month.
- Press ◀▶ buttons to select a week. Press ▼▲ buttons to select the start week and the end week.
- After setting the Start and End dates, press **Menu/OK** button to display the setting confirmation screen.



3



- 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.

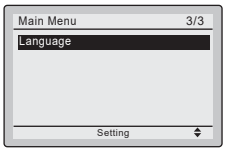
Menu Options

Language

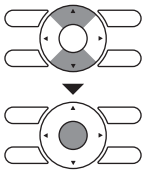
■Selectable Languages

Operation

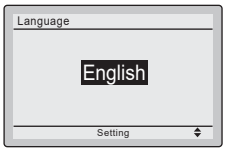
1



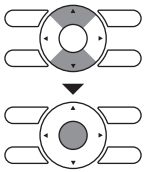
- Display the main menu screen. (See page 23.)
- Press ▼▲ buttons to select Language on the main menu screen and press **Menu/OK** button.



2



- 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.

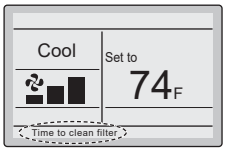


Maintenance

Reset Filter Indicator

Operation

1



- 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

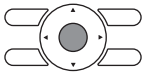
  Time to clean element

  * This is not displayed when Simple display is set.

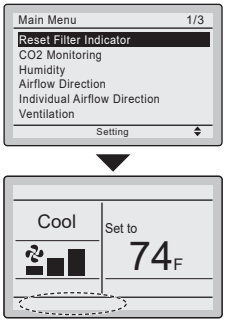
- Wash, clean, or replace the filter or element.
  For details, refer to the operation manual supplied with the unit.

2

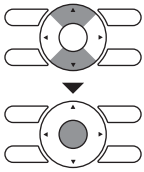
- Reset the filter indicator when the filter or element is cleaned or replaced.
- Press **Menu/OK** button.
  The main menu screen will be displayed.



3



- Press ▼▲ buttons to select Reset Filter Indicator on the main menu screen and press **Menu/OK** button.



- The displayed message “Time to clean filter” is no longer displayed on the basic screen when the filter sign is reset.

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.

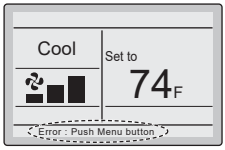
Reference Information

Error Code Display

■Contact your Daikin dealer in the following cases

Operation

1



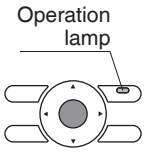
- If an error occurs, either one of the following items will flash in the basic screen.

Error: Push Menu button

* The Operation lamp will flash.
* For Simple display, the message is not displayed, and only the Operation lamp flashes.

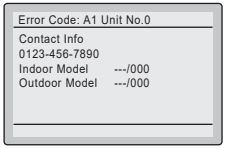
Warning: Push Menu button

* The Operation lamp will not flash.
* For Simple display, the message is not displayed, and the Operation lamp does not flash, either.



- Press **Menu/OK** button.
  * If the refrigerant leaks, it will automatically transition to the below screen from the basic screen. However, if the basic screen is not displayed, the transition will not occur automatically.

2



- The error code will flash on the screen for the corresponding unit number.
- The service contact and model name or code are displayed.
- If the refrigerant leaks, it shows “Refrigerant leak detected.” with an error code.
- Notify your Daikin dealer with the Error code and model name or code.

After-sale Service

⚠ Warning

- **Do not relocate or reinstall the remote controller by yourself.**
  Improper installation may result in electric shocks or fire.
  Consult your Daikin dealer.

■ Advise your Daikin Dealer of the following items

- Model name
- Date of installation
- Failure conditions: As precise as possible.
- Your address, name, and telephone number

■ Repairs after Warranty Period

Consult your Daikin dealer.

■ Inquiry about After-sale Service

Contact your Daikin dealer.

DAIKIN COMFORT TECHNOLOGIES MANUFACTURING, L.P.
Daikin Texas Technology Park,
19001 Kermier Road,
Waller, TX, 77484, U.S.A.
Tel: 713-861-2500
Web: www.daikincomfort.com or www.daikinac.com

3P243520-8R EM23A039 (2408) SP