Engineering Data

Navigation Remote Controller
(Wired Remote Controller)
BRC1E71
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1. Features

BRC1E71
- Clear Display ................................. Equipped with backlight and large sized character display and buttons.
- Stylish ......................................... Basic tone is white and arrow keys are located at the center.
- Simple Operation ......................... Simple operation used with arrow keys and menu-driven method.
- Multilingual Display ..................... Available for selection of 3 languages to display arbitrarily
- Other Features .............................. Wide variety of functions to meet customer needs such as schedule setting.

1.1 Clear Display

- Dot matrix display
  A combination of fine dots enables texts and icons to be displayed smoothly and makes the display of a wide variety of text and illustrations possible.

- Backlight display
  Newly equipped backlight helps operation in dark room.
1.2 Stylish
Simple and Functional Design

(1) Large text display  (2) Large buttons  (3) Backlight  (4) No-cover design

1.3 Simple Operation
Compared to the conventional structure of button allocation for each function, the number of buttons has been decreased (from 15 to 9). Can intuitively handle frequently performed basic operations.

- **(1) "Mode" button**
  - Switches the operation mode.

- **(2) "Fan Speed" button**
  - Changes the fan speed.

- **(3) "Menu/OK" button**
  - Displays the main menu.
  - Determines the settings.

- **(4) "On/Off" button**
  - Press once to start and press one again to stop the operation.

- **(5) "Cancel" button**
  - Returns to the previous screen.

- **(6)-(9) Arrow Keys**
  - Used to scroll/change display or change setting items.
Available for simple operation with arrow keys and menu-driven system.

Press the button once to display backlight and make operation available via buttons.

Available for simple operation with arrow keys and menu-driven system.

Press "Menu/OK" button to change the screen and then the main menu appears.

Available for simple operation with arrow keys and menu-driven system.

Select the item you wish to set with direction keys and press "Menu/OK" button at the item you wish to set and the setting entry screen appears.
Available for simple operation with arrow keys and menu-driven system.

Guide on display

Example of Setting Screen

The display gives an explanation of each setting for easier operation.
## 1.4 Multilingual Display

- Available for display in 3 different languages.
  Always available for switching display by selecting from main menu.

<table>
<thead>
<tr>
<th>Language</th>
<th>Setting</th>
<th>Configuration</th>
<th>Clock &amp; Calendar</th>
<th>Daylight Saving Time</th>
<th>Preference</th>
<th>Temperature</th>
<th>Temperature</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Language</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>French</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3 languages (English, French, Spanish)
1.5 Other Features

**Switching Display**

- Simple display (standard display)

**Schedule function**

- Easy to set up weekly schedule timer

Thanks to full dot LCD, wide variety of contents can be displayed freely.

- Display more detailed information (detailed display)

Selectable screen display (Standard/Detailed)
2. Functions

2.1 Functions

### Category | Function | BRC1E71
--- | --- | ---
**Basic Functions** | Drawing display | LCD
 | Operation method | Menu selection
 | Backlight function | ✗
**Convenient Functions** | Clock function (time display) | ✗
 | Display switch function | ✗ ✴
 | Keylock function | ✗
 | Schedule (weekly) timer | ✗
**Maintenance/Services** | Model name display | ✗ ✴
 | Contact dealer display | ✗ ✴
 | Operation time display | ✗ ✴
 | Operational data display | ✗ ✴

ników: Possible

✴ Used for setting Standard Display mode or Detailed Display mode.

✴-1When an error occurs, the error code blinks and the contact address and model names appear.

✴-2The contact address must be registered when the controller is installed.

✴-3For some models, model codes are displayed instead of model names.

✴-4Can display for some model only.

✴ Setback function

#### 2.2 Restrictions

1. **In the case of two remote control system.**

<table>
<thead>
<tr>
<th>Sub</th>
<th>Main</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BRC1E71</td>
</tr>
<tr>
<td>BRC1E71</td>
<td>✗</td>
</tr>
<tr>
<td>BRC1D71</td>
<td>✗</td>
</tr>
<tr>
<td>Wireless BRC4***</td>
<td>✗</td>
</tr>
<tr>
<td>BRC7***</td>
<td>✗</td>
</tr>
</tbody>
</table>

ników: Connectable ✗:Not connectable

- Due to the limited power supply capacity, there are some restrictions when controlling 2 remote controllers.
- **<Common restriction for SkyAir and VRV>**
- When controlling one indoor unit with 2 remote controllers, the remote controller operated first turns the backlight on.
- **<Restriction for VRV only>**
- When controlling 2 remote controllers, the following functions cannot be set with the sub remote controller.
  1. Schedule function and Setback temperature function
  2. Auto Changeover function by the remote controller
- Adaptor for wiring (KRP1C**) or power supply adaptor for indoor unit PCB (X18A or X35A) cannot be used for 2 remote controller system.
2. In the case of Centralised remote controller connection.
   ◆ When connecting a centralised related device(*1), the following functions cannot be set.
   1. Schedule function and Setback temperature function
   2. Auto Changeover function by the remote controller

(*1) this means All Centralised remote controller.
intelligent Touch Controller [DCS601C71]
intelligent Manager [DAM602A71,72]
BACnet Gateway [DMS502B71]
Central remote controller [DCS302C71]
Unified ON/OFF controller [DCS301C71]
Schedule timer [DST301BA61]
Residential central remote controller [DCS303A71]
Wiring adaptor for electrical appendices [KRP2A5*/6*]
DMS-IF [DMS504C71]

3. Specifications

<table>
<thead>
<tr>
<th>LCD</th>
<th>Display size (in.)</th>
<th>H × W</th>
<th>1'25/32&quot; × 2'13/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Display method</td>
<td></td>
<td>Full dot method (dot 160 × 255)</td>
</tr>
<tr>
<td></td>
<td>Backlight</td>
<td></td>
<td>Yes (Background color: white)</td>
</tr>
<tr>
<td>Color</td>
<td></td>
<td></td>
<td>Fresh white</td>
</tr>
<tr>
<td>Cover for operation part</td>
<td></td>
<td></td>
<td>No</td>
</tr>
</tbody>
</table>
4. Dimensions

5. Applicable Models

5.1 Applicable Models

<table>
<thead>
<tr>
<th>Applicable Indoor unit</th>
<th>VRV</th>
<th>SkyAir</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models that can be connected</td>
<td>BRC1D71</td>
<td>All models that can be connected</td>
</tr>
</tbody>
</table>
6.1 Safety Precautions

Safety Considerations

Read these SAFETY CONSIDERATIONS carefully before operating the remote controller.

Train the customer to operate and maintain the unit.
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.

- The following pictograms are used in this manual.

Never do.
Always follow the instructions given.

Be sure to ground the unit.
Keep wet hands away.

Keep water and moisture 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.
  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.
6.2 Button Locations and Descriptions

- Button Locations and Descriptions

1. Operation mode selector button
2. Fan speed control button
3. Menu/OK button
4. Up button
5. Down button
6. Right button
7. Left button
8. On/Off button
9. Operation lamp
10. Cancel button
11. LCD (with backlight)

Functions other than basic operation items (i.e., On/Off, Operation mode selector, Fan speed control, and temperature setpoint) are set from the menu screen.

**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 buttons with wet fingers can cause an electric shock.
- Never let the remote controller buttons with wet fingers touch the remote controller, and may cause an electric shock or fire.
- Water can cause damage to the remote controller.
- Never touch the remote controller buttons with wet fingers, otherwise the LCD will be damaged.
- Touching the remote controller cord, otherwise the remote controller may otherwise damage may result.

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

**Items to be Strictly Observed**
- Do not wash the remote controller. Doing so may cause electric leakage and result in electric shocks or fire.
- Never let the remote controller get wet. Water can cause damage to the remote controller.
- Never wash the remote controller.
6.3 Names and Functions

Liquid Crystal Display

- Two types of liquid crystal display (LCD) are available. The standard display is set by default. Detailed display can be selected in the main menu. (See page 37.)

The displayed contents of the screen vary with the operation mode of the indoor unit model. (The following display will appear when the indoor unit is in automatic operation.)

**Standard display**
- Set to Cool
- Heat
- 74F
- 70F
- Auto
- This function is not available

**Detailed display**
- The air flow direction, clock, and detailed selection items appear on the detailed display screen in addition to the items appearing on the standard display.

**Detailed display example 1**
- AUTO
- ERV
- AIR
- PURIFY
- CENTRAL
- CONTROL
- MASTER
- CONTROLLED SETBACK
- STANDBY
- Auto Return Setting

**Detailed display example 2**
- No Air Flow Direction display (with no air flow direction settings)
- No Fan speed display (with no fan speed control function)
- No Detailed item display (with no detailed items selected)
- No Clock display (when the clock has not been set)

**Names and Functions**

1. **Operation mode selector button**
   - Press this button to select the operation mode of your preference.
   - Available for speed and temperature settings with the indoor unit model.
2. **Fan speed control button**
   - Press this button to select the fan speed of your preference.
   - Available for speed and temperature settings with the indoor unit model.
3. **Menu/OK button**
   - Used to indicate the main menu.
   - 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.)
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.)
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 (Green)**
   - This lamp illuminates solid during normal operation.
   - This lamp blinks 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 indoor unit, only the controller to be accessed first will have backlight functionality.

3P243520-2C
Names and Functions

1. Operation mode
   - Used to display the current operation mode: Cool, Heat, Vent, Fan, Dry or Auto.

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

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

4. Stand by for Defrost/Hot start
   - "STANDBY" (See page 12.)
   - If ventilation icon is displayed in this field:
     - Indicates that an energy recovery ventilator is connected.
     - For details, refer to the Operation Manual of the ERV.

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

6. Ventilation
   - Displayed when a energy recovery ventilator is connected.
   - "Ventilation Mode icon." "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 (option) is in operation.

7. ⌚ display (See page 18.)
   - Displayed when the key lock is set.

8. ◆ display (See page 28.)
   - Displayed if the Schedule or Off timer is enabled.

9. Under Centralized control "CENTRAL CONTROL"
   - Displayed if the system is under the management of a multi zone controller (option) 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 under the setback control.

12. Air Flow Direction "." "P"
    - Displayed when the air flow direction and swing are set (see page 23).
    - If the connected indoor unit 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 39).
    - 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. Detailed selection
    - Displayed if the detailed display item is selected (see page 38).
    - Detailed items are not selected by default.

15. ☑ display
    - Displayed when the clock needs to be set.
    - The schedule function will not work unless the clock is set.
6.4 Basic Operation

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

**Operation**
1. Press the Operation mode selector button several times until the desired mode Cool, Heat, Fan, or Auto mode is selected.
2. Press the Operation mode selector button several times until the desired mode Cool, Heat, Fan, or Auto mode is selected.

**Note**
- Unavailable operation modes are not displayed.
- Before changing the mode configuration, press the display button to cancel the Master Controlled status. If the unit is master controlled, see page 16 if MASTER CONTROLLED icon blinks.

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

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

**How to follow the operation manual**
- Follow the sequence of the previous operation procedure.
- Operate the buttons according to the procedure.
- Operation screen display describes screens that will be displayed in operation.
- Operation button display describes buttons to be operated in operation.

**Basic Operation**
- Cool/Heat/Auto/Fan Operation (SkyAir and VRV)

1. Display the main menu screen.
   (See page 22.)
2. Before setting the schedule, the clock must be set.
3. The date & time screen will appear.
4. Set the current year, month, day, and time. (See clock settings on page 39.)
5. 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.
6. Press buttons to select Schedule the main menu screen.
   Press Menu/OK button to display the timer screen.
Basic Operation

2. Press On/Off button.
   - The Operation lamp (green) will illuminate 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. To change the fan speed, press the Fan speed control button and select the desired fan speed from Low, Medium or High.
   - Only two fan speed adjustment levels, low and high may be available depending on the type of indoor unit.
   - The system may be in automatic fan speed control for equipment protection purposes.
   - The system may be in automatic fan speed control according to the room temperature. It is normal for the fan to intermittently stop operating.
   - It is normal for a delay to occur when changing the fan speed.

5. Adjust Air Flow Direction from the main menu (see page 23).
   - If the connected indoor unit model does not include oscillating louvers this function will not be available.

6. When the 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 approximately one minute to remove residual heat from the indoor unit.

   **Note**
   - To prevent water damage or system failure, do not immediately remove power from the indoor unit following system operation. Wait at least five minutes for the condensate pump to finish draining residual water from the unit.

Characteristics of Heat 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 and loss of heating capacity.
- The indoor unit fan will stop, and "STANDBY" (Defrost/Hot start) will be displayed on the remote controller.
- The system will return to normal operation usually within six to eight minutes (but not more than 10 minutes).

**Hot start**
- When the system goes into heat mode, the indoor unit fan will stop in order to prevent a cold draft.
  - In that case, "STANDBY" (Defrost/Hot start) will be displayed on the remote controller.

Dry Mode

**Preparation**
- For equipment protection purposes, apply power to the outdoor 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 17 for details)
Basic Operation

Characteristic of Dry mode

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

Setback

The Setback feature will maintain the space temperature in a specific range during unoccupied periods.

Note

- This function will temporarily start an indoor unit that was previously turned off by the user or turned off from a schedule event / off timer.
- This function must be enabled by the system installer.

Operation

1. Press Mode button several times until the Dry mode is selected.
   * The dry mode may not be available depending on the type of indoor unit.

2. Press On/Off button. The Operation lamp (green) will illuminate 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 indoor unit is in the Dry mode.

3. Adjust Air Flow Direction from the main menu (see page 23).
   * If the connected indoor unit model does not include oscillating louvers this function will not be available.

4. When the On/Off button is pressed again, the system will stop operating and the operation lamp will turn off.

Note

- To prevent water damage or system failure, do not immediately remove power from the indoor unit following system operation. Wait at least five minutes for the condensate pump to finishing draining residual water from the unit.
Basic Operation

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 the Operation Mode Selector 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 BS unit will start flashing.
   - Vent mode setting changes are possible regardless of the cool/* heat changeover master indoor unit. If cool/heat mode is configured for control from the outdoor unit, all remote controllers serving the associated indoor units will display its "MASTER CONTROLLED" icon.

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

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

   Press the Mode Selector 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 disappears.

   Other remote controllers in the system (indoor units served by the same outdoor unit or indoor units served by the same branch selector (BS) unit) will now display the "MASTER CONTROLLED" icon.

Ventilation Mode

When the Indoor Unit 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 air conditioner, 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

4. Press On/Off button.
   The Operation lamp (green) will illuminate and the system will start operating.

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

Precautions for Selecting the Cool / Heat Changeover Master Indoor Unit

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

- (2-Pipe Heat Pump System)
- (3-Pipe Heat Recovery System)

Indoor unit

- 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.

BS unit: The BS unit is used for cooling or heat mode selection.

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

Cool / Heat Mode Selection Availability

- “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.

<table>
<thead>
<tr>
<th>When the master indoor unit is set to</th>
<th>The other indoor units in the system can be set to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cool mode</td>
<td>Cool ✓ Dry ✓ Heat ✓ Fan ✓</td>
</tr>
<tr>
<td>Dry mode</td>
<td>Cool ✓ Dry ✓ Heat ✓ Fan ✓</td>
</tr>
<tr>
<td>Heat mode</td>
<td>Cool ✓ Dry ✓ Heat ✓ Fan ✓</td>
</tr>
<tr>
<td>Fan mode</td>
<td>Cool ✓ Dry ✓ Heat ✓ Fan ✓</td>
</tr>
<tr>
<td>Auto mode (Cooling operation)</td>
<td>Cool ✓ Dry ✓ Heat ✓ Fan ✓</td>
</tr>
<tr>
<td>Auto mode (Heating operation)</td>
<td>Cool ✓ Dry ✓ Heat ✓ Fan ✓</td>
</tr>
</tbody>
</table>

Key Lock

Operation

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

1. Press the Menu/OK button for at least four seconds. (While the backlight is illuminated)

2. “-” will appear. 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.

<table>
<thead>
<tr>
<th>Menu Item</th>
<th>Description</th>
<th>Reference page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Flow Direction</td>
<td>Used to configure air flow direction settings.</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>• The air flow direction louver is automatically operated up and down (left and right).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The fixed air flow directions are configurable for five positions.*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* This function is not available on all models.*</td>
<td></td>
</tr>
<tr>
<td>Ventilation</td>
<td>Ventilation Rate Used to set “Low” or “High”</td>
<td>26</td>
</tr>
<tr>
<td>Mode</td>
<td>Used to set Auto, ERV, or Bypass.</td>
<td>27</td>
</tr>
<tr>
<td>Schedule</td>
<td>Daily Patterns</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>• Day settings are selected from three patterns, i.e., “7Days,” “Weekday/Weekend,” and “Weekday/Sat/Sun.”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Settings</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>• Set the startup time and operation stop time.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• ON: Startup time, cooling and heating temperature setpoints can be configured.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• OFF: Operation stop time, cooling and heating setback temperature setpoints can be configured.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• (--: Indicates that the setback function is disabled for this time period.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• _: Indicates that the temperature setpoint and setback temperature setpoint for this time period is not specified. The last active setpoint will be utilized.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Up to five actions can be set for each day.</td>
<td></td>
</tr>
<tr>
<td>Off Timer</td>
<td>Used to set each operation period of the system.</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>• Possible to set in 10 minute increments from 30 to 180 minutes.</td>
<td></td>
</tr>
<tr>
<td>Celsius / Fahrenheit</td>
<td>Used to select whether temperature values will be displayed in Celsius or Fahrenheit.</td>
<td>35</td>
</tr>
<tr>
<td>Maintenance Information</td>
<td>Used to display the maintenance information.</td>
<td></td>
</tr>
</tbody>
</table>
## Menu Options

### Moving Within the Main Menu Screen

#### Display Method for Main Menu

**Operation**

1. Press Menu/OK button.

   ![Basic screen](image)

   - Instructions for moving within the main menu will appear.

2. The main menu screen 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 the 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

<table>
<thead>
<tr>
<th>Menu item</th>
<th>Description</th>
<th>Reference page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Configuration</td>
<td>Used to make LCD contrast adjustment.</td>
<td>36</td>
</tr>
<tr>
<td>Display</td>
<td>Used to set standard or detailed display mode.</td>
<td>37</td>
</tr>
<tr>
<td>Current Settings</td>
<td>Used to display a list of current settings for available items.</td>
<td>39</td>
</tr>
<tr>
<td>Clock &amp; Calendar</td>
<td>Used to configure date and time settings and corrections.</td>
<td>39</td>
</tr>
<tr>
<td>Date &amp; time</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12H/24H Clock</td>
<td>The time can be displayed in either a 12 hour or 24 hour time format.</td>
<td>42</td>
</tr>
<tr>
<td>Daylight Saving Time</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language</td>
<td>Use to adjust the clock in observation of daylight saving time.</td>
<td>–</td>
</tr>
<tr>
<td></td>
<td>The display language can be selected between English, Francais or Espanol.</td>
<td>42</td>
</tr>
</tbody>
</table>

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

---

### Sub Remote Controller Menu Items

If two remote controllers are in control of a single indoor unit, the following menu items are not set in the sub remote controller. In this case, the following items should be configured in the main remote controller:

- Schedule
- Off Timer
- Setback

---

- Outdoor unit
- Indoor unit
- Two remote controllers in control
### Menu Options

3. Pressing ▼▼ buttons changes the setting to (in order) Swing,
   - Position 0.
   - Position 1.
   - Position 2.
   - Position 3.
   - Position 4.
   Selecting [Swing] will cause the air flow direction louver to oscillate back and forth.
   For the swing setting only, all positions will be displayed.

4. When you select positions 0 to 4, the louver will stay in a fixed position.
   *The illustration is an example of the display when position 2 is selected.*
   - Press ▼▼ buttons to select the desired air flow direction.
   Press Menu/OK button to return to the basic screen.
Menu Options

Ventilation

Ventilation screen display properties

Operation

1. Display the main menu screen. (See page 22.)
2. Press \( \downarrow \) buttons to select \textit{Ventilation} on the main menu screen.

For models with no ventilation function, \textit{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).
2. Press \( \downarrow \) buttons to select \textit{Ventilation Rate} on the ventilation screen.

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

2. Press the \( \uparrow \downarrow \) buttons to toggle between the \textit{Low} and \textit{High} settings.

* Only modes that can be set are displayed.
Operation Manual EDUS72-975

Menu Options

Auto mode
Using information from the air conditioner (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.

Changing the ventilation mode

Operation

1. Display the ventilation screen. (See page 26.)
2. Press ▼▲ buttons to select Ventilation Mode on the ventilation screen.
3. Press Menu/OK button to display the ventilation mode screen.

Ventilation Mode

Setting the schedule

Operation
The schedule can not be enabled when a multizone controller is connected.

1. Display the main menu screen. (See page 22.)
2. Press ▼▲ buttons to select Schedule.
3. Press Menu/OK button to display the schedule screen.

Schedule

Setting the schedule

Operation
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 39.)

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

**Menu Options**

1. The schedule screen will appear when the MenuX button is pressed. The Settings screen will appear when the Schedule screen is selected.

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

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.

4. Press buttons ▶◀ to select Daily Patterns on the schedule screen. The daily patterns screen will appear when the MenuX button is pressed.

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

6. Press buttons ▶◀ to select Yes on the confirmation screen. Pressing the MenuX button enters the daily patterns in the schedule and takes you back to the main menu screen.
### Menu Options

#### 6. Enabling or disabling the schedule

1. Display the schedule screen.

   **Press** \( \texttt{Ɣ} \) **buttons to select “Enable” on the schedule screen. Press Menu/OK button on the schedule screen.**

2. **Press** \( \texttt{Ɣ} \) **buttons to select “Disable” on the schedule screen. Press Menu/OK button after selecting the item. The confirmation screen will appear.**

3. **Press** \( \texttt{Ɣ} \) **buttons to select “On” on the enable/disable screen. Press Menu/OK button after selecting the item. The confirmation screen will appear.**

4. **Press** \( \texttt{Ɣ} \) **buttons to move the highlighted item and press buttons to configure ON/OFF.**

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

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

   To copy the settings for the previous day, press the operation mode selector button. Example: The content for Monday is copied by pressing the operation mode selector button after selecting Tuesday.

A maximum of five actions per day can be set.

**Note:** The last active setpoint will be utilized.
Menu Options

Enabling or disabling the off timer

1. Navigate to the off timer screen.
   (See page 33.)
2. Press buttons to select Enable/Disable on the off timer screen.
   Press Menu/OK button to display the enable/disable screen.
3. Press buttons to select Enable or Disable on the enable/disable screen.
   Press Menu/OK button after selecting the item. Then the confirmation screen will appear.
4. Press button to select Yes on the confirmation screen.
   Pressing Menu/OK button confirms the enable/disable for the off timer and takes you back to the basic screen.

Off Timer

Configuring and Confirming the Off Timer settings

1. Display the main menu screen.
   (See page 22.)
2. Press buttons to select the Off Timer on the main menu screen.
   Press Menu/OK button to display the off timer screen.
3. Press buttons to select Settings on the off timer screen.
   Press Menu/OK button to display the configuration screen.
4. Use buttons to set the time from operation start until the unit automatically stops.
   Selections can be made in increments of 10 minutes from 30 to 180 minutes.
   Holding down the button causes the number to change continuously.
   Select the desired time and press Menu/OK button.
   The confirmation screen will appear.
5. Press button to select Yes on the confirmation screen.
   Pressing Menu/OK button confirms the off timer and takes you back to the basic screen.
Maintenance Information

Displaying the service contact and model information

1. Display the main menu screen.
   (See page 22.)
2. Press ▼ buttons to select Main Menu on the main menu screen and press Menu/OK button.
3. Navigate to the configuration screen.
   Press ▼ buttons to select Configuration on the configuration screen.
4. Press Menu/OK button to display the configuration screen.
5. On the contrast adjustment screen press ▼ buttons until you reach the desired contrast.
6. After setting, press Menu/OK button and return to the basic screen.
Menu Options

Display Mode

1. Navigate to the display screen.
   - Press Menu/OK button to display the display item screen.

2. Pressing \( \text{display item} \) buttons displays the following.
   - Outside Air Temp*
   - Room Temp
   - System*

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

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

Display

1. Navigate to the configuration screen.
   - Press Menu/OK button to display the display screen.

2. Pressing \( \text{display item} \) buttons displays the following.
   - Standard
   - Detailed

Standard

Press Menu/OK button to display the Detailed screen.

Detailed

Press Menu/OK button to display the Standard screen.

Refer to *Display Item to change detailed display settings and return to the basic screen.

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

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

12H/24H CLOCK

1. Display the clock & calendar screen.
   - By default, the time display is set to the 12H format.
   - Press \( \Delta \) buttons to select 12H on the 12H/24H clock screen. The confirmation screen will appear when the Menu/OK button is pressed.

2. Setting 12H/24H Clock
   - Press \( \Delta \) buttons to select Yes on the confirmation screen. Pressing the Menu/OK button confirms the 12H and takes you back to the main menu screen.

3. Setting Save the settings?
   - Press \( \Delta \) buttons to select Yes on the confirmation screen. Pressing the Menu/OK button confirms the clock and returns to the basic screen.

Language

Selectable Languages

1. Display the main menu screen.
   - Press \( \Delta \) buttons to select Language on the main menu screen and press the Menu/OK button.

2. Setting Language
   - Select Language setting with \( \Delta \) buttons. Change the language with \( \Delta \) buttons.
     - The date can be set between January 1, 2009 and December 31, 2099.

3. Setting Save the settings?
   - Press \( \Delta \) button to select Yes on the confirmation screen. Press Menu/OK button to confirm the clock and return to the basic screen.

Note:

- When setting the schedule, the display returns to the settings screen.
6.7 Maintenance

**Maintenance**

**Reset Filter Indicator**

**Operation**

1. When it is time to clean or replace the filter, one of the following messages will appear on the bottom of the basic screen.
   - “Time to clean filter”
   - “Time to clean filter & element”
   - “Time to clean element”

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

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

**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.
6.8 Reference Information

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

**After-sale Service**
- 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**
- Consult your Daikin dealer.

**Error Code Display**

<table>
<thead>
<tr>
<th>Operation</th>
<th>Error Code AI</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Cool</td>
<td>Error: Press Menu button</td>
</tr>
<tr>
<td>2 Error</td>
<td>Warning: Press Menu button</td>
</tr>
</tbody>
</table>

- If an error occurs, either one of the following items will flash in the basic screen:
  - "Error: Press Menu button" - The operation lamp will flash.
  - "Warning: Press Menu button" - The operation lamp will not flash.

- The error code will flash and the service contact and model name or code may appear.
- Notify your Daikin dealer of the Error code and model name or code.
### 1. Safety Considerations

Read these **SAFETY CONSIDERATIONS** carefully before installing the remote controller. After completing the installation, ensure that the unit operates properly during the startup operation. Train the customer to operate and maintain the unit. Inform customers that they should store this Installation Manual with the Operation Manual for future reference.

Always use a licensed installer or contractor to install this product. Improper installation can result in water or refrigerant leakage, electrical shock, fire, or explosion.

**Meanings of WARNING, CAUTION, and NOTE Symbols.**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARNING</td>
<td>Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.</td>
</tr>
<tr>
<td>CAUTION</td>
<td>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.</td>
</tr>
<tr>
<td>NOTE</td>
<td>Indicates situations that may result in equipment or property-damage accidents only.</td>
</tr>
</tbody>
</table>

- **WARNING**

  Only qualified personnel must carry out the installation work.
  - Improper installation work may result in leakage, electric shocks or fire.
  - Improper installation may cause electrical shocks or fire.
  - Use only specified accessories and parts for installation work.
  - Failure to use specified parts may result in water leakage, electrical shocks, fire, or the unit falling.
  - Do not disassemble, reconstruct, or repair.
  - Electric shock or fire may occur.
  - Make sure that all wiring is secured, that specified wires are used, and that no external forces act on the terminal connections or wires.
  - Improper connections or installation may result in fire.
  - Before touching electrical parts, turn off the unit.

1. Safety Considerations .......... 2
2. Accessories .......................... 4
3. Remote controller installation procedure .................. 4
4. Functions and menu items of remote controller buttons .... 10
5. Power-on .................................. 12
6. Field Settings .......................... 13
7. Test Operation ......................... 15
8. Procedure for Checking Error History ................. 18
9. Entering Maintenance Contact Information .................. 19
10. Confirmation registered details ....... 20
11. Clock & Calendar ..................... 20
12. Language .............................. 21
2. Accessories

The following accessories are included:

<table>
<thead>
<tr>
<th>Wood screw</th>
<th>Small screw</th>
<th>Clamp</th>
<th>Operation manual</th>
<th>Installation manual</th>
<th>Wiring retainer</th>
</tr>
</thead>
<tbody>
<tr>
<td>φ3.5×16mm</td>
<td>M4×16mm</td>
<td></td>
<td>(2 pcs.)</td>
<td>(1 pc.)</td>
<td>(1 pc.)</td>
</tr>
<tr>
<td>(2 pcs.)</td>
<td>(2 pcs.)</td>
<td>(1 pc.)</td>
<td>(1 pc.)</td>
<td>(1 pc.)</td>
<td>(1 pc.)</td>
</tr>
</tbody>
</table>

3. Remote controller installation procedure

3-1 Determine where to install the remote controller.
Make sure to follow “1. Safety Considerations” when determining the location.

3-2 If the control cable for the remote controller is to be routed from the rear, make a hole in the wall taking into consideration the location of the access hole in the lower case.

3-3 Remove upper case.
Insert a screwdriver in the recess of lower case to remove the upper case (2 points).

![Diagram of remote controller installation](image-url)
3-4 Determine the location where the cabling will enter the remote controller (back, left side, top left, top center).

3-4-1 Back outlet

Cut off resin area (hatched area).

3-4-2 Left outlet

Using an appropriate tool, cut the plastic at the hatched area and remove any remaining burrs.

3-4-3 Top left outlet

Using an appropriate tool, cut the plastic at the hatched area and remove any remaining burrs.

3-4-4 Top center outlet

Using an appropriate tool, cut the plastic at the hatched area and remove any remaining burrs.

3-5 Install wiring.

**NOTE**

1. Switch box and control wiring are not attached.
2. Do not touch the remote controller PC-board.

**Wiring Specifications**

<table>
<thead>
<tr>
<th>Wiring Type</th>
<th>Non-shielded, 2-conductor, stranded copper cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wiring Size</td>
<td>AWG-18</td>
</tr>
<tr>
<td>Wiring Length</td>
<td>Maximum 1640 feet (500m)</td>
</tr>
</tbody>
</table>

Prepare the cabling for connection to the remote controller following these instructions:

- Remove the cable jacket and insulation
- Cutting guideline: Approx. 3/8 inch
- To simplify the wiring, maintain a 3/8in difference between the length of the two conductors.

Length of jacket to be removed:
- Approx. 6 inch for top left outlet
- Approx. 8 inch for top center outlet

Connect the terminals (P1, P2) of the remote controller to the terminals (P1, P2) of the indoor unit. (P1 and P2 are not polarity sensitive.)

3-5-1 Back outlet

Indoor unit

Lower case

Upper case

PC-board

Cable attachment point

Clamp

Cross-section

Secure the cable at the attachment point by using furnished clamping material.

<Cable attachment guideline>
To prevent electrical noise and possible communication errors, avoid installing the remote controller cabling parallel to or in the vicinity of line voltage circuits.

**NOTE**
- To prevent electrical noise and possible communication errors, avoid installing the remote controller cabling parallel to or in the vicinity of line voltage circuits.

3-6 Installation procedure for the lower case.

3-6-1 Wall installation
- When wiring the remote controller through the top center or rear access points, attachment of the cable to the lower case is required before it is wall mounted. Closely follow the wiring procedures.

- **Wall installation**
  - Secure by using attached wood screws (2 pcs.).
  - **Wood screws** (3.5×16mm)

- **Switch box installation**
  - Secure by using attached small screws (2 pcs.).
  - **Small screws (M4×16mm)**
  - **Switch box** (field supply) (Use optional accessory KJB211A)
  - **Switch box for two units** (with no cover)

3-5/16
1-13/16
(Installation pitch)

3-5-2 Left outlet

- PC-board
- Lower case
- Upper case
- Indoor unit

3-5-3 Top left outlet

- As shown to the left, install the attached retainer to prevent the wires from being pinched during installation.
- **PC-board**
- **Upper case**
- **Wiring retainer**
- **Lower case**

3-5-4 Top center outlet

- **PC-board**
- **Upper case**
- **Wiring retainer**
- **Lower case**

3-6-2 Switch box installation

- **Switch box for two units** (with no cover)
### 7.4 Functions and Menu Items of Remote Controller Buttons

#### 4. Functions and menu items of remote controller buttons

#### 4.1 Functions and menu items

1. **Operation mode selector button**
   - Used to change the mode.

2. **Fan speed control button**
   - Used to change the fan control.

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

4. **Up button**
   - Used to raise the setpoint temperature.
   - Items below the currently selected item will be highlighted.
   - Display contents are changed to next screen per page.

5. **Down button**
   - Used to lower the setpoint temperature.
   - Items below the currently selected item will be highlighted.
   - Display contents are changed to next screen per page.

6. **Right button**
   - Used to highlight items to the right of the currently selected item.

#### Main Menu

- **Air Flow Direction**
- **Ventilation**
- **Schedule**
- **Off Timer**
- **Celsius / Fahrenheit**
- **Maintenance Information**
- **Configuration**
- **Current Settings**
- **Clock & Calendar**
- **Daylight Saving Time**
- **Language**

*Depending on connected model

#### Installation Notes

- Install the control on a flat surface only.
- To prevent deformation of the lower case, avoid over-tightening the installation screws.
- Install the upper case with tabs of the lower case (6 points), insert and install the upper case.
- Install the wiring with care to prevent pinching.
- Peel off the protective membrane which overlays the upper case.

#### Switch Box

- Switch box for one unit (with no cover)
- Switch box: field supply (Use optional accessory KJH111K)
- Small screws (M4×16mm)

#### Switch Box for One Unit

- Small screws (M4×16mm)
5. Power-on

- Check for completion of indoor/outdoor unit wiring.
- Ensure that covers have been replaced on electrical component boxes for both indoor and outdoor units prior to restoring power.

5-1 The following are displayed after power-on.
- "Checking the connection. Please stand by."
- During above display, the backlight will not be available.

When 1 indoor unit is controlled by 2 remote controllers:

Be sure to set sub remote controller during above display. Press and hold 4 seconds or longer to display service settings menu. When the display is changed from main remote controller to sub remote controller, the setting is completed.

5-2 Basic screen is displayed.

NOTE
If sub remote controller is not set at power-on in the case of one indoor unit controlled by two remote controllers, "Error code: U5" is displayed in the connection checking screen. Select the sub remote controller by pressing the Operation mode selector button of either one of the remote controllers for 4 seconds or longer. If the basic screen is not displayed more than 2 minutes after "Sub RC" display, shut off the power supply and check the wiring.

NOTE
When selecting a different language, refer to 12. Language (See page 21.)
6. Field Settings

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

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

6-3 Highlight the mode, and select desired "Mode No." by using ▲▼ (Up/Down) button.

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

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

In case of setting for all indoor units in the remote control group, available SECOND CODE NO. is displayed as "-" which means it can be changed. When SECOND CODE NO. is displayed as "\--", there is no function.

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

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

6-7 Select Yes and press Menu/OK button. Setting details are determined and field settings screen returns.

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

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

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

### NOTE
- Installation of optional accessories on the indoor unit may require changes to field settings. See the manual of the optional accessory.
- For field setting details related to the indoor unit, see installation manual shipped with the indoor unit.

#### Mode No. (Note 1) First Code No. Description Second Code No. (Note 2) (Items in bold are factory default settings)

<table>
<thead>
<tr>
<th>Mode No.</th>
<th>First Code No.</th>
<th>Description</th>
<th>Second Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>0</td>
<td>10 (20)</td>
<td>Priority of thermistor sensors for space temperature control</td>
</tr>
<tr>
<td>02</td>
<td>0</td>
<td>10 (20)</td>
<td>Room temperature value reported to multizone controllers</td>
</tr>
<tr>
<td>03</td>
<td>0</td>
<td>10 (20)</td>
<td>Thermo-on/off deadband (Note 4)</td>
</tr>
<tr>
<td>04</td>
<td>0</td>
<td>10 (20)</td>
<td></td>
</tr>
<tr>
<td>1e</td>
<td>0</td>
<td>10 (20)</td>
<td>Access permission level setting</td>
</tr>
<tr>
<td>1f</td>
<td>0</td>
<td>10 (20)</td>
<td>Setback availability</td>
</tr>
</tbody>
</table>

*Note 1: Mode No. and First Code No. must be set to select a specific function.*

*Note 2: For field setting details related to the indoor unit, see installation manual shipped with the indoor unit.*
7. Test Operation

Also see installation manuals attached to the indoor unit and the outdoor unit.

- Check that wiring work of the indoor unit and the outdoor unit is completed.
- Ensure that covers have been replaced on electrical component boxes for both indoor and outdoor units prior to restoring power.
- After refrigerant piping, drain piping and electric wiring are completed, clean inside of the indoor unit and decorative panel.
- Perform test operation according to following procedures.
- To protect the compressor, apply power to the outdoor unit at least 6 hours prior to test operation.

7-1 Set the operation mode to cooling by using the remote controller.
7-2 Press and hold Cancel button for 4 seconds or longer. Service settings menu is displayed.
7-3 Select Test Operation in the service settings menu, and press Menu/OK button. Basic screen returns and “Test Operation” is displayed at the button.

Notes for backlight
- The backlight will illuminate for 30 seconds by pressing any button.
- The initial push of the button will only illuminate the backlight. While the backlight is illuminated, the buttons assigned functionality will be available.

7-4 Press On/Off button within 10 seconds, and the test operation starts. Monitor the operation of the indoor unit for a minimum of 10 minutes. During test operation, the indoor unit will continue to cool regardless of the temperature setpoint and room temperature.
- Note) In the case of above-mentioned procedures 7-3 and 7-4 in reverse order, test operation can start as well.

7-5 Press Menu/OK button in the basic screen. Main menu is displayed.
7-6 In the case of a model having air flow direction function, select Air Flow Direction in the main menu and check that air flow direction is actuated according to the setting.
    For operation of air flow direction setting, see the operation manual.
    After the operation of air flow direction is confirmed, press Menu/OK button. Basic screen returns.
7-7 Change the air flow direction by using (Up/Down) button.
    Select Test Operation in the service settings menu, and press Menu/OK button. Basic screen returns and normal operation is conducted.
- Note) The test operation will automatically finish in 30 minutes.
7-8 Check the functions according to the operation manual.
7-9 When the decorative panel is not installed, shut off the power supply after the test operation finishes.
- If construction activities are planned within the space following the test operation procedure, recommend to the customer that the air conditioner is not operated to prevent contamination from paints, drywall dust and other air borne materials.
8. Procedure for Checking Error History

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

8-2 Select Error History in the service settings menu, and press Menu/OK button. The error history menu screen is displayed.

8-3 Select RC Error History in the error history menu, and press Menu/OK button. Error codes and unit No. can be confirmed in the RC error history screen.

8-4 In the error history, the 10 most recent items are displayed in order of occurrence.

8-5 Press Cancel button in the RC error history screen 3 times. The basic screen returns.

NOTE

When the remote controller display is blank or displays “Checking the connection. Please stand by”, troubleshoot the system per the items in the Description column of the following table.

• Whenever the remote controller display is blank or displays “Checking the connection. Please stand by”, trouble-shoot the system per the items in the Description column of the following table.

Remote controller display | Description
--- | ---
No display | Power outage, power voltage error or open-phase
Remote controller display not connected | Indoor PC-board assembly failure
Remote controller wiring not connected | Remote controller failure
Open fuse or tripped circuit breaker (outdoor unit) | Wrong wiring (between indoor and outdoor units)

* “Checking the connection. Please stand by” will be displayed for up to 90 seconds following the application of power to the indoor unit. This is normal and does not indicate a malfunction.
7.9 Entering Maintenance Contact Information

7.10 Confirmation Registered Details

7.11 Clock & Calendar

9. Entering Maintenance Contact Information

10. Confirmation registered details

10-1. Press Menu/OK button in the basic screen.

10-2. Press Cancel button twice.

The basic screen returns.

11. Clock & Calendar

11-1. Press Menu/OK button in the basic screen. Main menu is displayed. Select Clock & Calendar in the main menu, press Menu/OK button.

11-2. Press buttons to select "Date & Time" on the clock & calendar screen. The date & time screen will appear when the Menu/OK button is pressed.
11-3 Select "year", "month", "day" and "time" by using \( \leftarrow \rightarrow \) (Left/Right) button and set by using \( \uparrow \downarrow \) (Up/Down) button in the Date & Time screen. Press and hold the button for continuous change of the numeric value.
- Day of the week is set automatically.

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

11-5 Select Yes and press Menu/OK button. Setting details are confirmed and basic screen returns.

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

12. Language

12-1 Press Menu/OK button in the basic screen. Main menu is displayed. Select Language in the main menu, press Menu/OK button.

12-2 Press \( \uparrow \downarrow \) (Up/Down) buttons to select "Language" on the language screen. English/Français/Español Pressing Menu/OK button. Setting details are confirmed and basic screen returns.
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- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

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

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

Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING DIVISION
Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, COMMERCIAL HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAIM VENTILATION, AIR CLEANING EQUIPMENT, MARINE TYPE CONTAINER REFRIGERATION UNITS, COMPRESSORS AND VALVES.

Organization:
DAIKIN INDUSTRIES (THAILAND) LTD.
Scope of Registration:
THE DESIGN, DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM

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