OPERATION MANUAL (full)
PART No. 9373329961-03
WIRED REMOTE CONTROLLER

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For installer
1 INTRODUCTION

1-1 Safety precautions

- The "SAFETY PRECAUTIONS" indicated in the manual contain important information pertaining to your safety. Be sure to observe them.

**WARNING**

This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.

In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.

Do not repair or modify any damaged cable by yourself. Let the authorized service personnel to do it. Improper work will cause an electric shock or a fire.

When moving, consult authorized service personnel for uninstallation and installation of this unit.

Do not touch with wet hands. It may cause an electric shock.

If children may approach the unit, take preventive measures so that they cannot reach the unit.

Do not repair or modify by yourself. It may cause a fault or accident.

Do not use flammable gases near the unit. It may cause a fire from leaking gas.

Dispose of the packing materials safely. Tear and dispose of the plastic packing bags so that children cannot play with them. There is the danger of suffocation if children play with the original plastic bags.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

**CAUTION**

This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user or damage to property.

Do not set vessels containing a liquid on this unit. Doing so will cause heating, fire or electric shock.

Do not expose this unit directly to water. Doing so will cause trouble, electric shock or heating.

Do not place electrical devices within 40 in (1 m) of this unit. It may cause malfunction or failure.

Do not use fire near this unit or place a heating apparatus nearby. It may cause malfunction.

Do not touch the switches with sharp objects. Doing so will cause injury, trouble, or electric shock.

Do not insert articles into the slit parts of this unit. Doing so will cause trouble, heating, or electric shock.

1-2 System outline

1-2-1 Terminology

System related terms (♦ is for VRF system)

(a) **VRF system**: VRF (Variable Refrigerant Flow) is a large multi-split system that effectively air conditions a wide variety of spaces from large buildings to personal residences.

(b) Other system:
Multi-split or single-split type air conditioning system other than VRF system.

(c) **Heat recovery system**: The indoor unit connects to the outdoor unit via an RB unit in this system. RB units of single type and 4-system multi type are available. When a certain RB Group indoor units are performing cooling operation, other RB Group indoor units can perform heating operation. Refer to (e) for RB Group. An indoor unit connected to an outdoor unit without going through an RB unit are for cooling only.

(d) Heat pump system:
This is standard system. In this system, the indoor units cannot perform the cooling operation and the heating operation at the same time.

(e) **RB Group [for heat recovery system]**:
A group of indoor units connected to a single type RB unit or each system of a multi type RB unit. In the RB Group, the indoor units cannot perform cooling operation and heating operation at the same time.

(f) **RC Group (Remote Controller Group)**:
This forms a group by connecting indoor units by remote controller cable. One indoor unit which is ungrouped is an RC Group, too. It is the minimum unit of operation.

(g) Refrigeration system:
This is a system composed of indoor units and outdoor units connected by the same refrigerant piping.

(h) System ♦:
This is 1 or 2 or more refrigerant systems connected by the same transmission cable.

(i) **Central controller**: A central remote controller can control multiple RC Groups. There is a system controller, Touch panel controller, and a central remote controller.

(j) **Standard remote controller**: A standard remote controller can control 1 RC Group only. This unit corresponds to this. This unit cannot be used together with a 3-wire wired remote controller. A wireless remote controller can be used together with this unit.

Address related terms

(k) **Indoor unit address**: This is an ID individually assigned to each indoor unit.

(l) **Remote controller address**: This is an ID individually assigned separately from the indoor unit address to indoor units which form an RC Group.
1-2-2 Password configuration
This unit can set the following 2 kinds of passwords:
(a) Admin password
This is a password for administrator. Password is requested by the setting which requires management. For a description of password setting and change, refer to [5 Setting] → [5-2 Initial setting] → [5-2-2 Admin password].
(b) Installer password
This password is requested for important settings at installation.

NOTE
If you forget your password, contact your local dealer.

1-3 Name of parts

(a) Touch screen
It can be operated by tapping or swiping.

NOTE
Operate with your finger or stylus pen (not included). Do not touch the screen with a hard or sharp object as it may cause a malfunction.

(b) Ambient light sensor
Detects the brightness around the controller.

(c) Operation lamp
It is lights up in a color according to the operation mode while indoor unit operating. Light goes out while stopped. Blinks when an error is detected.

<table>
<thead>
<tr>
<th>Lighting color</th>
<th>Blue</th>
<th>Green</th>
<th>Red</th>
<th>Purple</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation mode</td>
<td>Cool</td>
<td>Dry</td>
<td>Heat or Minimum heat</td>
<td>Custom auto</td>
<td>Fan</td>
</tr>
</tbody>
</table>

NOTE
The operation lamp can be turned off at all times. For details, refer to "5-3-8 Operation Lamp".

(d) Room temperature sensor (inside)
Detects the temperature around the controller.

1-4 Before operation or setting

1-4-1 Wake the controller
If the standby screen is displayed, tap the screen to display the temperature setting screen (home screen).

1-4-2 Standby mode screen
The standby mode screen varies depending on the settings.
**Example of standby mode screen**

(a) Remote controller group name
(b) Room temperature (Fahrenheit or Celsius)

**NOTES**
- If there is no operation for a certain period of time, the controller will display the standby mode screen.
- The time until the standby mode can be set to 30 seconds, 60 seconds, 90 seconds, or 120 seconds. For details, refer to "5-3-7-4 Automatic Off Time".

1-4-3 Child safety lock
If you tap the screen and this screen is displayed, the child safety lock was set. Release the child safety lock to operate or setting the controller.

**Child safety lock set/release:**
Press and hold the information area on the main screens for 5 seconds or longer to set/release the child safety lock.
### 1-4-4 Password

- **Password screen**
  A password has been set for the items on which this screen is displayed. Check the password or operation permissions with the administrator.

### 1-4-5 Message screen

The message screens have the following types.

- **Type of without buttons**
  It will close automatically when the process is completed.

- **Type of with “Cancel / OK” or “No / Yes” button**
  Tap [OK] or [Cancel] along the choice to close it.

- **Type of with “Close” button**
  After checking the contents, tap Close button to close it.

---

### 2 BASIC OPERATION

#### 2-1 Main screen configuration

The main screen has 3 basic operation screens and 1 other setting screen.

- **Room temp.**
- **Operation mode**
- **Fan speed**
- **Other settings**

Swipe left or right to move between pages.

#### NOTE

Some screens may not be displayed depending on the settings.

#### 2-1-1 Explanation of items common to the main screen.

- **Example of temperature setting screen**

  - (a) **Page indicator**
    Shows the order of pages and the displayed page.
  - (b) **Operation On/Off button**
    Tap to operation start or stop the air conditioner.
  - (c) **Bluetooth icon**
    It will be displayed when Bluetooth is enabled.
    This display is intended for installers and service personnel.
  - (d) **Arc (operation indicator)**
    It is displayed in a color according to the operation mode while indoor unit operating. Not displayed while stopped.

<table>
<thead>
<tr>
<th>Arc color</th>
<th>Blue</th>
<th>Green</th>
<th>Red</th>
<th>Purple</th>
<th>White</th>
</tr>
</thead>
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<tr>
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<td>Cool</td>
<td>Dry</td>
<td>Heat or Minimum heat</td>
<td>Custom auto</td>
<td>Fan</td>
</tr>
</tbody>
</table>
(e) Information area
The displayed contents differ depending on the screen and settings.
Tap here to move to the status screen. For details, refer to “5-4-1-1 Status”
When an error occurs, an error icon is displayed.

■ Status icons
- The Weekly Timer is set.
- The Auto Off Timer is set.
- There are other settings.
- The error occurred.

2-2 Operation On/Off
Tap Operation On/Off button to air conditioner On/Off.

■ Example of temperature screen
(a) Temperature setting area
Swipe up or down to set the temperature.
(b) Operation mode
The operation mode is displayed.
(c) Cooling/heating switching button
Switches the cooling/heating temperature setting screen.
Displayed only in custom auto mode.

NOTES
- The temperature unit, display color, and format vary depending on the settings and operation mode.
- When the operation mode is FAN, the temperature cannot be set.
- The temperature that can be set depends on the indoor unit model.
2-4 Operation mode setting

NOTE
The operation modes that can be set differ depending on the indoor unit model, air conditioner system, and controller settings.

(a) Operation mode setting area
Swipe up or down to select the operation mode.

(b) Operation mode
The operation mode is displayed.

■ Operation mode icons

- COOL
- DRY
- HEAT
- MINIMUM HEAT
- CUSTOM
- AUTO

2-5 Fan speed setting

NOTE
The fan speed that can be set depends on the indoor unit model, air conditioner system, or controller settings.

(a) Fan speed setting area
Swipe up or down to set the fan speed.

(b) Fan speed
Displays the set fan speed.

3 Other settings

■ Other settings screen

3-1 Eco Away
When temporarily unattended, enable this function to operate at a preset temperature.

- Start the Eco away operation
Tap the toggle button on the screen.

- Stop the Eco away operation
Tap [Cancel] on the message screen.

Refer to “4-5-1 Eco Away (setting)” for setting the operating temperature while away.

NOTES
- The timer will not work while Eco away is enable.
- Eco away cannot be used under the following conditions.
  - During operation Off
  - During fan operation
  - During minimum heat operation
  - During antifreeze operation

3-2 Weekly Timer

3-2-1 Weekly timer screen

- Weekly Timer 1
- Weekly Timer 2
- Day Off
(a) **Backward button**
Tap to return to the previous screen.

(b) **Home button**
Tap to move to the temperature setting screen (home screen).

(c) **Weekly timer 1, 2**
Weekly operation schedule can be set. Two schedule patterns can be created. Up to 8 times setting for each day can be set.

(d) **Toggle button**
Enables/disables the weekly timer.
Weekly timer 1 and 2 cannot be enabled at the same time.

Enable  [ ] Disable  [ ]

(e) **Day off (refer to 3-2-8 Day Off screen)**
Set the day of the week of which Weekly Timer is to be temporarily disabled. When the set day has passed, the setting is cleared.

3-2-2  **Day selection screen**
Select the days of the week to create the schedule. You can copy the created schedule to other days of the week.

**NOTE**
The time format depends on the setting. Refer to “5-3-2-4 Time Format”.

3-2-3  **One day schedule setting screen**
Create a schedule for the day. Add events and set mode, temperature, time, and On/Off.

(a) **Backward button**
Tap to return to the previous screen.

(b) **Home button**
Tap to move to the temperature setting screen (home screen).

(c) **Day selection menu**
Tap to move to the “1 day schedule setting screen”.
Swipe up or down on this area to view days that are not visible. Refer to “3-2-3 One day schedule setting screen”.

(d) **Clock**

(e) **Copy Day button**
Tap here to start copying the created schedule for the day of the week.

(f) **Add Event button**
Tap here to create a new event or add one.

(h) **Delete button**
Tap here to delete the event with the active marker displayed.
3-2-4 Operation mode screen

(a) Operation mode menu
Select and tap a operation mode. Swipe up or down on any hidden items.

NOTE
If set “3-2-7 Operation Setting screen” to “OFF”, do not need to set this item.

(b) Cancel button
Tap to display a confirmation screen. Tap [OK] on the confirmation screen to return to the previous screen.

(c) OK button
Tap to confirm the setting and return to the previous screen.
When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.

3-2-5 Set Temp. screen

(a) Temperature setting button
Tap the button to set the temperature.

NOTES
• This item cannot be set when “FAN” mode is selected in “3-2-4 Operation mode screen”.
• If set “3-2-7 Operation Setting screen” to “OFF”, do not need to set this item.

NOTE
The time format depends on the setting. Refer to “5-3-2-4 Time Format”.

(b) Cancel button
Tap to display a confirmation screen. Tap [OK] on the confirmation screen to return to the previous screen.

(c) OK button
Tap to confirm the setting and return to the previous screen.
When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.
3-2-7 Operation Setting screen

(a) Operation menu
Tap the button to set ON/OFF.

NOTE
If this item is set to “OFF”, the following items do not need to be set.
• Operation mode (refer to 3-2-4.)
• Set Temp. (refer to 3-2-5.)

(b) Cancel button
Tap to display a confirmation screen. Tap [OK] on the confirmation screen to return to the previous screen.

(c) OK button
Tap to confirm the setting and return to the previous screen.
When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.

3-2-8 Day Off screen

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

3-2-9 Create the schedule

■ Select timer
Tap the timer (1 or 2) to create the schedule.

■ Create a schedule for any day of the week
(1) Tap the day of the week to create the schedule.
(2) Tap [Add Timer] to add an event.
(3) Tap the following items of the added event to set them. Swipe up or down on items you cannot see.
  • “Operation mode”
  • “Set Temp.”
  • “Time”
  • “Operation settings (On/Off)”
(4) When all settings are completed, tap [OK].

(c) Toggle button
Enable the days of the week when timer operation is not performed.
Enable [ ] Disable [ ]

NOTE
This item is reset after the day of the week.
**Operation mode**
* This item does not need to be set when operation Off.
1. Swipe up or down to select an operation mode, then tap.
2. Tap [OK].

**Set Temp.**
* This item does not need to be set when operation Off.
1. Set the temperature with [ ∧ ] or [ ∨ ].
2. Tap [OK].

**Time**
* The display format of the time depends on the setting.
1. Tap the Hour, Minute, AM/PM (if available) item to select from the open list.
2. Tap [OK].

**Operation setting (On/Off)**
1. Tap [ON] or [OFF].
2. Tap [OK].

**Copy day**
1. Tap [Copy Day].
2. Select the day of the week to copy.
3. Select the day of the week to paste.
4. Tap [OK].
4 Detail

NOTE
Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.

For each description, refer to the appropriate heading number.

4-1 Air Flow Direction

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Back to top button
Tap to display the top of the scroll screen.

4-1 Air Flow Direction

(a) Air flow direction menu
Tap to move to the “Air Flow direction” screen.

NOTE
The setting screen differs depending on the type of indoor unit.

■ Up/down swing type

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Air flow direction adjust button
Tap to adjust the air flow direction.

(d) Swing button
Tap this button to swing. To release the swing, set the air flow direction.
4-1-1 Individual hold

Individually set the airflow direction or swing for indoor units with multiple air outlets.

(a) Individual Hold menu
Tap to move to the "Individual hold" screen.

**NOTE**
This function can only be used with compatible indoor units.

Step 1. Selecting the indoor unit to set
Tap the indoor unit to be set to move to the air outlet selection screen.

- **Individual Hold screen (indoor unit list)**

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Indoor unit list
Tap the indoor unit to be set to move to the air outlet selection screen. The indoor units that have already been set have a blue check mark. Go to Step 2. Selecting the air outlet to set.

**NOTE**
The number of indoor units displayed varies depending on the system.

(d) Reset button
Tap to initialize all settings on this screen.

Step 2. Selecting the air outlet to set
Tap the air outlet to be set to move to the airflow direction screen.

- **Unit screen (air outlet selection)**

(a) Backward button
Tap to return to the previous screen. When setting the other indoor unit, tap this button.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Air outlet select button
Tap the air outlet to be set to move to the airflow direction screen. The air outlets that have already been set have a blue check mark. Go to Step 3. Airflow direction or swing setting.

(d) Reset button
Tap to initialize all settings on this screen.

Step 3. Airflow direction or swing setting
Tap to adjust the airflow direction.

- **Outlet screen (adjust airflow direction)**

(a) Backward button
Tap to return to the previous screen. When setting the other air outlet, tap this button.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Airflow direction adjust button
Tap to adjust the airflow direction.

(d) Swing button
Tap [Swing] to swing. To release the swing, set the airflow direction.
4-2 Comfort Function

4-2-1 Powerful
In the Powerful operation, the air conditioner will operate at maximum power and strong airflow to cool down or warm up the room quickly.

(a) Toggle button
Tap to toggle enable/disable.
Enable | Disable

NOTE
Powerful operation ends automatically and switches to normal operation. For details, refer to the operation manual of the indoor unit.

4-2-2 Comfort Air Flow
It automatically adjusts the direction of the wind to deliver airflow throughout the room.

(a) Toggle button
Tap to toggle enable/disable.
Enable | Disable

4-2-3 Optimum start
Preceding operation is performed so that the temperature becomes appropriate when the weekly timer starts operating.

NOTE
To use this function, a weekly timer (refer to "3-2") must be set, and enable RC sensor (refer to "5-2-6").

(a) Toggle button
Tap to toggle enable/disable.
Enable | Disable

4-3 Energy-saving

4-3-1 Economy
Reduces power consumption by operating with reduced capacity.

(a) Toggle button
Tap to toggle enable/disable.
Enable | Disable

4-3-2 Occupancy sensor

4-3-2-1

4-3-2-2

4-3-2-3

(a) (b)

(a) Backward button
Tap to return to the previous screen.
(b) Home button
Tap to move to the temperature setting screen (home screen).
### 4-3-2-1 Auto Saving
When the absence continues for the set time, the operation switches to energy saving operation.
If no one enters the room during the set time (15, 30, 60, 90, 120, 180 minutes), the set temperature will be automatically controlled.
(When someone comes back into the room, the human sensor will detect this, and automatically revert to the original settings.)

**NOTE**
For details of Auto Saving, refer to the operation manual of the indoor unit.

![Auto Saving screen](image)

(a) **Toggle button**
Tap to toggle enable/disable.
Enable [ ] Disable [ ]

(b) **Set time menu**
Tap the “Absence Detection Time” and set the time.
(1) Swipe up or down to select the detection time and tap it.
(2) Tap [ ] to return to the previous screen.

### 4-3-2-2 Auto Off
When the absence continues for the set time, indoor unit operation stops.
If no one enters the room during the set time (1 to 24 hours in 1 hour increments), the air conditioner will automatically stop operation.

![Auto Off screen](image)

(a) **Toggle button**
Tap to toggle enable/disable.
Enable [ ] Disable [ ]

(b) **Set time menu**
Tap the “Absence Detection Time” and set the time.
(1) Swipe up or down to select the detection time and tap it.
(2) Tap [ ] to return to the previous screen.

### 4-3-2-3 Auto On/Off
When the absence continues for the set time, indoor unit operation stops, and resumes operation when a person is detected.
If no one enters the room during the set time (15, 30, 60, 90, 120, 180 minutes), the air conditioner will automatically stop operation.
(When someone comes back into the room, the human sensor will detect this, and automatically revert to the original settings.)

![Auto On/Off screen](image)

(a) **Toggle button**
Tap to toggle enable/disable.
Enable [ ] Disable [ ]

(b) **Set time menu**
Tap the “Absence Detection Time” and set the time.
(1) Swipe up or down to select the detection time and tap it.
(2) Tap [ ] to return to the previous screen.
4-3-3 Energy saving fan

When the set temperature is reached during cooling operation, the fan operates intermittently and power is saved.

(a) Toggle button
Tap to toggle enable/disable.

Enable [ ] Disable [ ]

4-3-4 Set Temp. Auto Return

Even if the temperature setting is changed during Cool or Heat mode operation, after the set time, the temperature automatically returns to the set temperature.

4-3-4-1 Set Temp. Auto Return (settings menu)

(a) Toggle button
Tap to toggle enable/disable.

Enable [ ] Disable [ ]

4-3-4-2 Cool/Dry or Heat (setting)

NOTE
The setting method for Cool/Dry and Heat is the same.

Example of the Cool/Dry screen

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Return time setting button
Tap to select a time from the pull-down menu. It can be set in units of 10 minutes in the range of 10 to 240 minutes.
To close the pull-down menu, tap [ ] at the top.

(d) Return temperature setting button
Tap to set the return temperature. This setting is not necessary if the return temperature is set to the weekly timer setting.

(a) Schedule temperature toggle button
When enabled, the return temperature will be the weekly timer setting. To use this function, need to set the weekly timer.

Enable [ ] Disable [ ]

(b) Cancel button
Tap to display a confirmation screen. Tap [OK] on the confirmation screen to return to the previous screen.

(c) OK button
Tap to confirm the setting and return to the previous screen.
When the settings are changed, a confirmation screen will be displayed. Tap [OK] on the confirmation screen to return to the previous screen.
4-4 Safety shield

4-4-1 Anti-Freeze

Anti-Freeze is a function that performs low temperature heating operation to prevent freezing of water lines and equipment, when air conditioning operation is off, in regions where outside temperature may drop below freezing.

**NOTE**

If water lines are far from the unit or within exterior walls, this function may not provide enough anti-freeze protection.

(a) Toggle button
Tap to toggle enable/disable.
Enable [ ] Disable [ ]

4-4-2 Emergency Heat

Auxiliary heater will be primary heater, and the outdoor unit will stop.

(a) Toggle button
Tap to toggle enable/disable.
Enable [ ] Disable [ ]

4-5 Away

4-5-1 Eco Away (setting)

By switching to the specified operating temperature when unattended, power consumption can be reduced.

**NOTE**

The timer will not work while Eco away is enable.

4-5-1-1 Eco Away (temperature setting)

Set the operating temperature when unattended.

(a) Backward button
Tap to return to the previous screen.
(b) Home button
Tap to move to the temperature setting screen (home screen).
(c) Operation Temp. menu
Tap to move to the temperature setting screen for each mode.

■ Example of Cool/Dry mode

(a) (b)

(a) Backward button
Tap to return to the previous screen.
(b) Home button
Tap to move to the temperature setting screen (home screen).
(c) Temperature setting button
Tap to set the operating temperature.

**NOTE**

The temperature setting range varies depending on the indoor unit and function settings at installation.
4-5-2 Away

When operation stopped, it switches to indoor protection operation.

NOTE
This function requires RC sensor to be enabled. Refer to "5-2-6 RC (Remote Controller) Sensor".

4-5-2-1 Away (temperature setting)
Set the operating temperature when unattended.

(a) Toggle button
Tap to toggle enable/disable.
Enable  
Disable

4-6 Cleaning

4-6-1 Panel Cleaning

Operation is prohibited for 30 seconds to prevent erroneous operation due to cleaning.

NOTE
When cleaning the touch screen panel, wipe with a soft and dry cloth. Do not use water, harsh abrasive cleaners, or volatile agents like benzene or thinner.

(a) Test Now button
When tap [Start], the display panel will not respond to wiping for 30 seconds.

4-6-2 Filter Sign Reset

After cleaning the filter, reset the filter sign.

(a) Reset button
Tap [Reset] to reset the filter sign.
5 Setting

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

5-1 Timer

NOTE
Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.

5-1-1 Auto Off Timer
When indoor unit operation is started by the Operation button of this unit, operation stops after the set time.

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Clock

5-1-1-1 Operation Stop Time
Set the time from operation start to automatic stop.

(1) Swipe up or down to select the stop time and tap it. Set in 10 minute increments from 30 minutes to 240 minutes.

(2) Tap [ ] to return to the previous screen.

5-1-1-2 Time Range

(1) When specifying a time range for the “Auto Off Timer”, tap [Range Spec.] and when enabling the setting all day, tap [Continuous].

(2) Tap [ ] to return to the previous screen.

If selected [Range Spec.] here, specify the range in “5-1-1-3 Start/Stop Time”.

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).
5-1-1-3 Start/Stop Time
If [Range Spec.] is selected in “5-1-1-2 Time Range”, specify the range here.

NOTE
The display format of the time varies depending on the settings.

(1) Set the start time and stop time.
(2) Tap [OK] to return to the previous screen.

5-1-2 Outdoor unit low noise

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Clock

5-1-2-1 Target outdoor unit selection
Specify the outdoor unit for low noise operation.

(1) To set all outdoor units collectively, tap [Group Setting] and tap [All on] or [All off].
When setting individually, use the toggle button for each outdoor unit.

Enable
Disable

(2) Tap [ ] to return to the previous screen.

5-1-2-2 Time Range
(1) When specifying a time range for the “Outdoor unit low noise”, tap [Range Spec.] and when enabling the setting all day, tap [Continuous].
(2) Tap [ ] to return to the previous screen.

If selected [Range Spec.] here, specify the range in “5-1-1-3 Start/Stop Time”.

5-1-2-3 Start/Stop Time
If [Range Spec.] is selected in “5-1-1-2 Time Range”, specify the range here.

NOTE
The display format of the time varies depending on the settings.

(1) Set the start time and stop time.
(2) Tap [OK] to return to the previous screen.
5-2 Initial setting

NOTE

Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.

For each description, refer to the appropriate heading number.
♦: For installer

5-2-1 RC (Remote Controller) Group Name

The remote controller group name can be set or changed.

(a) Cancel button
Tap to display a confirmation screen. Tap [OK] to cancel the settings and return to the previous screen.

(b) Input area
Up to 12 characters can be entered.

(c) Shift key

(d) Backspace key

(e) Enter key

(f) Phrase key
[Floor, Corridor, Office, Conf Room, Recept Room, Room, Room No., Front, Side, Entrance, Outlet, East, West, South, North, Window] are registered. Tap the [Phrase] key until the sentence to be used is displayed.

NOTE
If tap the [Phrase key] during input, the input up to that point will be deleted. If add characters to phrase, enter phrase first.

(g) 123 key
Tap to display numbers and symbols. Tap again to restore.

(h) Space key

(i) Cursor keys

(1) After entering, tap [ ] to display the confirmation screen.

(2) Tap [Close] to return to the previous screen.

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Back to top button
Tap to display the top of the scroll screen.
5-2-2 Admin password

5-2-2-1 Change Password
The admin password setting and changes can be performed. Tap [ ] to display the entered number.
(1) Enter current password and tap [ ].
   When make a mistake, tap [ ].
   The default password is “0000” (4 digits).
(2) Enter new password and tap [ ]:
(3) A confirmation screen will be displayed, so tap [OK].
(4) Tap [Close] to return to the previous screen.

5-2-2-2 Change Setting

NOTE
Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.

(a) Backward button
   Tap to return to the previous screen.

(b) Home button
   Tap to move to the temperature setting screen (home screen).

(c) Toggle button
   Enable the item that requires an administrator password.
5-2-3 Display Item

NOTE
Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Toggle button
Enable the items to be displayed on the screen.
Enable Disable

5-2-4 Deadband
Set the deadband value. The deadband can be set within the 2°F to 9°F (1°C to 4.5°C) range. Set the deadband value only to the Master Indoor Unit. (Settings are not reflected even if the deadband value is set to other indoor units.)

NOTE
Depending on a model of the indoor unit, the deadband is set on the indoor unit side. In this case, the deadband setting is not displayed on this unit. If you want to change the setting, consult an authorized service personnel.

5-2-5 Set Temp. Limit
Power consumption by excessive temperature setting is suppressed by restricting the temperature setting range for each operation mode of Auto, Cool/Dry, or Heat.

5-2-5-1 Set Temp. Limit (settings menu)

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Setting buttons
Adjust the deadband range.

5-2-5-2 Limit of Cool/Dry or Heat

NOTE
The setting method for Cool/Dry and Heat is the same.

■ Example of the Limit of Cool/Dry screen
(1) Set the upper and lower temperature limits.
(2) Tap [OK] to return to the previous screen.
5-2-6 RC (Remote Controller) Sensor

This setting uses the sensor of this unit to sense the room temperature. The room temperature can be sensed at a position, closer to the person than the indoor unit sensor. Factory settings is “Disable”.

(a) Toggle button
Tap to toggle enable/disable.
Enable ○ Disable ○

5-3 Preference

(a) Backward button
Tap to return to the previous screen.
(b) Home button
Tap to move to the temperature setting screen (home screen).

5-3-1 Daylight Saving Time
Tap to toggle enable/disable.
Enable ○ Disable ○

5-3-2 Date Setting

(a) Backward button
Tap to return to the previous screen.
(b) Home button
Tap to move to the temperature setting screen (home screen).

5-3-2-1 Date
Set the current date.

NOTE
The display format depends on the setting.

(1) Tap the item to set.

(2) Swipe up or down on the expanded item to select a value.
(3) Tap [X] at the top of the screen to confirm the value.
(4) After setting each item, tap [OK] to return to the previous screen.
5-3-2-2 Time
Set the current time.

**NOTE**
The display format depends on the setting.

1. Tap the item to set.
2. Swipe up or down on the expanded item to select a value.
3. Tap [ ] at the top of the screen to confirm the value.
4. Tap [OK] to return to the previous screen.

5-3-2-3 Date Format
(1) Tap the date format to use.
(2) Tap [ ] to return to the previous screen.

5-3-2-4 Time Format
(1) Tap the time format to use.
(2) Tap [ ] to return to the previous screen.

5-3-3 Temperature unit
(1) Tap the temperature unit to use.
(2) Tap [ ] to return to the previous screen.

5-3-4 Language
(1) Tap the language to use.
(2) Tap [ ] to return to the previous screen.

5-3-5 Logo Display
Display a registered image in standby mode. (Only if an image is registered during installation with AIRSTAGE Remo Set App.) Set “Time after lighting” (refer to 5-3-7-3) to “Dimming”.

(a) Toggle button
Tap to toggle enable/disable.
Enable [ ] Disable [ ]

**NOTE**
If want to register an image after installation or change a registered image, consult with an authorized service personnel.

5-3-6 License
(1) Swipe up and down to move the screen.
(2) Tap [ ] to return to the previous screen.
5-3-7 Backlight

5-3-7-1 Brightness Sensor Control
Automatically adjusts the brightness of the screen according to the brightness of the room.

(a) Toggle button
Tap to toggle enable/disable.
Enable: The backlight is controlled according to the ambient brightness detected by the ambient light sensor on this controller.
Disable: Conforms to the “5-3-7-2 Brightness” (refer to 5-3-7-2) setting.

5-3-7-2 Brightness
(1) Tap the brightness to use.
(2) Tap [ ] to return to the previous screen.

5-3-7-3 Time after lighting
Select whether to off or dim the backlight after operating this remote controller.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off</td>
<td>After the time set in “Automatic Off Time” (refer to 5-3-7-4) has passed, the backlight will turn off.</td>
</tr>
</tbody>
</table>
| Dimming | After the time set in “Automatic Off Time” (refer to 5-3-7-4) has passed, the brightness of the backlight will be reduced and one of the following will be displayed:  
  - Display a registered image. (Only if an image was registered during installation.) Set “Logo Display” (refer to 5-3-5) to “Enable”.  
  - Display the standby mode screen. (refer to 1-4-2) |

NOTE
To prevent screen burn-in, it turns off once every 30 minutes.

(1) Tap the item to use.
(2) Tap [ ] to return to the previous screen.

5-3-7-4 Automatic Off Time
Sets the time until the backlight turns off or dims.

(1) Tap the time to use.
(2) Tap [ ] to return to the previous screen.

5-3-8 Operation Lamp
Sets the behavior of the operation lamp. For the operation lamp, refer to “1-3 Name of parts”.

(a) Toggle button
Tap to toggle ON/OFF.
ON: The operation lamp lights up while the indoor unit is operating and goes out while it is stopped.
OFF: The operation lamp is always goes out.
NOTE
This function can be used with software version “E134V-02P00L03” or later.

5-4 Service
These function is for administrator and service personnel.

NOTE
Some items may not be displayed depending on the model of the indoor unit or the settings of the controller.

For each description, refer to the appropriate heading number.
♦: For installer

(a) Backward button
Tap to return to the previous screen.

(b) Home button
Tap to move to the temperature setting screen (home screen).

(c) Back to top button
Tap to display the top of the scroll screen.

5-4-1 Maintenance

5-4-1-1 Status
(1) Swipe up and down to move the screen. To check the error that has occurred, tap [Error Information].
(2) Tap [ ] to return to the previous screen.

5-4-1-2 Setting Status
(1) Swipe up and down to move the screen.
(2) Tap [ ] to return to the previous screen.

5-4-2 Troubleshooting

5-4-2-1 Error History
(1) Swipe up and down to move the screen.
To erase the error history, tap [Erase All].
(2) Tap [ ] to return to the previous screen.

5-4-2-2 Service Contact
(1) Tap [ ] to return to the previous screen.
5-4-2-3 Version
The software version of this controller is displayed on the right.

6 OPERATION TIPS

6-1 Selectable Modes (for VRF system)
There are restrictions on the selectable modes depending on the system configuration and operation status.

6-1-1 Heat recovery system
(a) When single indoor unit connected to RB unit
All the modes can be selected.
(b) When a master indoor unit is set in an RB group, only the mode selected at the master indoor unit (*1) can be used. (*1: “Fan” cannot be selected at the indoor unit including the master indoor unit.)
(c) When a master indoor unit is not set in the RB Group, refer to the following table.

<table>
<thead>
<tr>
<th>Status</th>
<th>Selectable</th>
<th>Not selectable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other indoor unit is in cooling operation.</td>
<td>Cool, Dry</td>
<td>Custom Auto, Heat, Fan</td>
</tr>
<tr>
<td>Other indoor unit is in dehumidifying operation.</td>
<td>Cool, Dry</td>
<td>Custom Auto, Heat, Fan</td>
</tr>
<tr>
<td>Other indoor unit is in heating operation.</td>
<td>Heat</td>
<td>Custom Auto, Cool, Dry, Fan</td>
</tr>
<tr>
<td>Other indoor unit is in anti-freeze operation.</td>
<td>Heat</td>
<td>Custom Auto, Cool, Dry, Fan</td>
</tr>
</tbody>
</table>

6-1-2 When indoor units are connected for cooling only in heat recovery system
(a) Refer to the following table:

<table>
<thead>
<tr>
<th>Status</th>
<th>Selectable</th>
<th>Not selectable</th>
</tr>
</thead>
<tbody>
<tr>
<td>At any time</td>
<td>Custom auto, Cool, Dry, Fan</td>
<td>Heat</td>
</tr>
</tbody>
</table>

6-1-3 RB priority connection in heat recovery system
(a) For indoor units or RB groups by RB priority connection, refer to the following table:

<table>
<thead>
<tr>
<th>Status</th>
<th>Selectable</th>
<th>Not selectable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling priority is set by external input.</td>
<td>Cool, Dry</td>
<td>Custom Auto, Heat, Fan</td>
</tr>
<tr>
<td>Heating priority is set by external input.</td>
<td>Heat</td>
<td>Custom Auto, Cool, Dry, Fan</td>
</tr>
</tbody>
</table>

6-1-4 Heat pump system
(a) Refer to the following table:

<table>
<thead>
<tr>
<th>Status</th>
<th>Selectable</th>
<th>Not selectable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other indoor unit is in cooling operation.</td>
<td>Cool, Dry</td>
<td>Custom Auto, Heat, Fan</td>
</tr>
<tr>
<td>Other indoor unit is in dehumidifying operation.</td>
<td>Cool, Dry</td>
<td>Custom Auto, Heat, Fan</td>
</tr>
<tr>
<td>Other indoor unit is in heating operation.</td>
<td>Heat</td>
<td>Custom Auto, Cool, Dry, Fan</td>
</tr>
<tr>
<td>Other indoor unit is in anti-freeze operation.</td>
<td>Heat</td>
<td>Custom Auto, Cool, Dry, Fan</td>
</tr>
</tbody>
</table>

(b) When a master indoor unit is set in a refrigerant system, only the mode selected at the master indoor unit (*2) can be used. (*2: “Fan” cannot be selected at the indoor unit including the master indoor unit.)

6-1-5 Outdoor unit priority connection in heat pump system
(a) Refer to the following table:

<table>
<thead>
<tr>
<th>Status</th>
<th>Selectable</th>
<th>Not selectable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling priority is set by external input.</td>
<td>Cool, Dry</td>
<td>Custom Auto, Heat, Fan</td>
</tr>
<tr>
<td>Heating priority is set by external input.</td>
<td>Heat</td>
<td>Custom Auto, Cool, Dry, Fan</td>
</tr>
</tbody>
</table>

6-2 Settable temperature range
The settable temperature range by operation mode and indoor unit setting is shown in the table below.

<table>
<thead>
<tr>
<th>Status</th>
<th>Cool/Dry 64 to 88 °F (18 to 30 °C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat</td>
<td>VRF system: 48 to 88 °F (10 to 30 °C) Other system: 60 to 88 °F (16 to 30 °C)</td>
</tr>
<tr>
<td>Custom Auto</td>
<td>Same as the above range, but there are temperatures that cannot be set due to the deadband.</td>
</tr>
</tbody>
</table>

6-3 Deadband and set temperature
The Cool and Heat set temperature difference at Custom Auto cannot be less than the deadband set value. If the Cool and Heat set temperature difference is the same as the deadband set value, the Heat setting drops by the amount of drop of the Cool setting and the Cool setting rises by the amount of rise of the Heat setting. When the Cool set value reaches the upper limit, Heat setting exceeding the deadband set value cannot be set.
This product is manufactured to metric units and tolerances. United States customary units are provided for reference only. In cases where exact dimensions and tolerances are required, always refer to metric units.

### 7-2 Specifications

<table>
<thead>
<tr>
<th>Model Name</th>
<th>UTY-RVRU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage</td>
<td>DC 12 V</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Max. 1.0 W</td>
</tr>
<tr>
<td>Display</td>
<td>4 inch TFT LCD (480 × 480 pixels) with Touch screen</td>
</tr>
<tr>
<td>Usage temperature range</td>
<td>32 to 104 °F (0 to 40 °C)</td>
</tr>
<tr>
<td>Usage humidity range</td>
<td>20 to 90 % (no condensation)</td>
</tr>
<tr>
<td>Storage temperature range</td>
<td>14 to 140 °F (-10 to 60 °C)</td>
</tr>
<tr>
<td>Storage humidity range</td>
<td>20 to 90 % (no condensation)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>4-13/16 × 4-9/16 × 1 (121.5 × 116 × 26)</td>
</tr>
<tr>
<td>Weight [oz (g)]</td>
<td>7.94 (225)</td>
</tr>
</tbody>
</table>

### 7-3 Error Code

For the details of the indoor unit or outdoor unit error when checking the error contents, refer to the error codes in each installation manual.

<table>
<thead>
<tr>
<th>Error code</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC.1</td>
<td>Sensor error</td>
</tr>
<tr>
<td>CJ.1</td>
<td>Other parts (BLE module) error</td>
</tr>
<tr>
<td>C2.1</td>
<td>Transmission PCB error</td>
</tr>
<tr>
<td>12.1</td>
<td>Wired remote controller communication error</td>
</tr>
<tr>
<td>12.3</td>
<td>Number excess of device in wired remote controller system</td>
</tr>
<tr>
<td>12.4</td>
<td>Wired remote controller system start-up error</td>
</tr>
<tr>
<td>26.4</td>
<td>Address duplication in wired remote controller system</td>
</tr>
<tr>
<td>26.5</td>
<td>Address setting error in wired remote controller system</td>
</tr>
<tr>
<td>15.4</td>
<td>Data acquisition error</td>
</tr>
</tbody>
</table>