Thank you for purchasing intelligent Touch Controller.
This operation manual contains notes for safe use of the product.

For correct use, be sure to read this manual carefully before use.
Store this manual close at hand so that it can be referred to as required.
1. SAFETY CONSIDERATIONS

Please read these “SAFETY CONSIDERATIONS” carefully before installing air conditioning equipment and be sure to install it correctly. After completing the installation, make sure that the unit operates properly during the start-up operation. Please instruct the customer on how to operate the unit and keep it maintained. Also, inform customers that they should store this installation manual along with the operation manual for future reference. This air conditioner comes under the term “appliances not accessible to the general public”.

Meaning of danger, warning, caution and note symbols.

\[\text{DANGER}.................... \text{Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.}\]

\[\text{WARNING}..................... \text{Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.}\]

\[\text{CAUTION}...................... \text{Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.}\]

\[\text{NOTE}........................... \text{Indicates situation that may result in equipment or property-damage-only accidents.}\]

Keep these warning sheets handy so that you can refer to them if needed.

Also, if this equipment is transferred to a new user, make sure to hand over this operation manual to the new user.

---

\[\text{DANGER}................. \text{Any abnormalities in the operation of the air conditioner such as smoke or fire could result in severe injury or death.}\]

\[\text{WARNING}.................. \text{Turn off the power and contact your dealer immediately for instructions.}\]

\[\text{CAUTION}.................... \text{Do not install the unit in an area where flammable materials are present due to risk of explosion resulting in serious injury or death.}\]

\[\text{NOTE}.......................... \text{Safely dispose of the packing materials.}\]

\[\text{WARNING}.................. \text{Tear apart and throw away plastic packaging bags so that children will not play with them. Children playing with plastic bags face the danger of death due to suffocation.}\]

---

\[\text{WARNING}.................. \text{Ask your dealer for installation of the air conditioner. Incomplete installation performed by yourself may result in a water leakage, electric shock, and fire.}\]

\[\text{WARNING}.................. \text{Ask your dealer for improvement, repair, and maintenance. Incomplete improvement, repair and maintenance may result in a water leakage, electric shock, and fire.}\]
Improper installation or attachment of equipment or accessories could result in electric shock, short-circuit, leaks, fire or other damage to the equipment. Be sure only to use accessories made by Daikin which are specifically designed for use with the equipment and have them installed by a professional.

- Ask your dealer to move and reinstall the air conditioner or the remote controller. Incomplete installation may result in a water leakage, electric shock, and fire.
- Never let the indoor unit or the remote controller get wet. It may cause an electric shock or a fire.
- Never use flammable spray such as hair spray, lacquer or paint near the unit. It may cause a fire.
- Do not allow children to play on or around the unit as they could be injured.
- Never replace a fuse with that of wrong ampere ratings or other wires when a fuse blows out. Use of wire or copper wire may cause the unit to break down or cause a fire.
- Never inspect or service the unit by yourself. Ask a qualified service person to perform this work.
- Cut off all electric waves before maintenance.
- Do not wash the air conditioner or the remote controller with excessive water. Electric shock or fire may result.
- Do not touch the switch with wet fingers. Touching a switch with wet fingers can cause electric shock.
- Never touch the internal parts of the controller. Do not remove the front panel because some parts inside are dangerous to touch. In addition, some parts may be damaged by touching. For checking and adjusting internal parts, contact your dealer.
- Check the unit stand for damage on a continuous basis, especially if it had been in use for a long time. If left in a damaged condition the unit may fall and cause injury.
- Placing a flower vase or other containers with water or other liquids on the unit could result in a shock hazard or fire if a spill occurs.

--- NOTE ---

- Never press the button of the remote controller with a hard, pointed object. The remote controller may be damaged.
- Never pull or twist the electric wire of the remote controller. It may cause the unit to malfunction.
- Do not place the controller exposed to direct sunlight. The LCD display may get discolored, failing to display the data.
- Do not wipe the controller operation panel with benzine, thinner, chemical dustcloth, etc. The panel may get discolored or the coating peeled off. If it is heavily dirty, soak a cloth in water-diluted neutral detergent, squeeze it well and wipe the panel clean. And wipe it with another dry cloth.
- Dismantling of the unit, treatment of the refrigerant, oil and eventual other parts, should be done in accordance with the relevant local and national regulations.

--- CAUTION ---

- Avoid placing the controller in a spot splashed with water. Water coming inside the machine may cause an electric leak or may damage the internal electronic parts.
- Do not operate the air conditioner when using a room fumigation - type insecticide. Failure to observe could cause the chemicals to become deposited in the unit, which could endanger the health of those who are hypersensitive to chemicals.
- Do not turn off the power immediately after stopping operation. Always wait at least five minutes before turning off the power. Otherwise, water leakage and trouble may occur.
- The appliance is not intended for use by young children or infirm persons without supervision.
- The remote controller should be installed in such a way that children cannot play with it.
2. BEFORE STARTING

Before using the web interface of the intelligent Touch Controller, be sure to check that the target PC meets the following requirements according to the software version on the intelligent Touch Controller.

1: Be sure to use IE 6.0 SP2 or later. If IE 6.0 SP2 or later is not installed, obtain it from the Microsoft website. It is downloadable for free. The web interface may not work on other browsers, such as Netscape, may not work correctly.

2: Be sure to use J2SE (Java2 Platform Standard Edition). The available Java plug-in version varies with the software version on the intelligent Touch Controller. The intelligent Touch Controller may not operate properly if the Java plug-in version is wrong. Download the right Java plug-in from the SUN website (for free) or contact the dealer from which you purchased this product.

3: Windows 2000 (SP4 or later) can be used on the condition that the version of the software on the intelligent Touch Controller is 4.30.08 or older. The intelligent Touch Controller may not operate properly if the version is 4.33.00 or later.

4: Version 4.33 and later ones are IE7 compatible.

3. ABOUT WEB INTERFACE

3-1 Web Interface of the intelligent Touch Controller

<table>
<thead>
<tr>
<th>CPU</th>
<th>Pentium III 800 MHz or compatible or higher</th>
<th>Pentium III 1 GHz or compatible or higher</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Windows 2000 Service Pack 4 or later +3</td>
<td>Windows Vista Business</td>
</tr>
<tr>
<td>Memory</td>
<td>256MB or more</td>
<td>1 GB or more</td>
</tr>
<tr>
<td>Free Disk Space</td>
<td>100MB or more (required for installing Java plug-in)</td>
<td></td>
</tr>
<tr>
<td>Network Speed</td>
<td>10 Base-T or higher</td>
<td></td>
</tr>
<tr>
<td>Video card display</td>
<td>Resolution: 1024 x 768 (XGA) or more</td>
<td>Maximum number of simultaneous display colors: 65535 or more</td>
</tr>
<tr>
<td>Browser</td>
<td>Internet Explorer 6.0SP2 or later +1</td>
<td>Internet Explorer 7.0 +4</td>
</tr>
<tr>
<td>Java plugin</td>
<td>J2SE (Java2 Platform Standard Edition) Ver. 1.4.2_04 or Ver. 6.0 +2</td>
<td></td>
</tr>
</tbody>
</table>

* Permissions: Privileges Given to Each Login Name

There are two categories of login users: General User who can perform basic operations via the web interface and Administrator who can setup the system and change system settings.

* Two Display Modes

You can select the display mode from two modes during login process: the Basic mode which provides a simple and easy-to-use interface and the Advanced mode which allows you to use advanced settings options.

* Start/Stop Operation

You can uniformly start or stop all the devices in a group, a zone, or multiple zones at once.

* Advanced Settings for Air Conditioners

You can set temperature, operation modes, direction of air flow, air volume, and remote controller mode of all devices in a group, a zone, or multiple zones.

* Various Operation Modes

You can operate devices from a web interface, the intelligent Touch Controller console, or a local remote controller. Also the Administrator can permit or prohibit remote controller operations of devices in a specified group or zone using the web interface.

* User Administration

The Administrator can register or delete General Users who can operate air conditioners via the web interface, and also set/change his/her own password and all General Users’ passwords.

* Scheduling Function

The Administrator can precisely schedule operations for a specific group or zone of devices. Weekly schedule and 10 extra schedules can be created.

* Proportional Distribution Control

This function makes it possible to measure the total power consumption of the air conditioners of facilities, such as a tenant building, with a meter and calculate the power consumption of each air conditioner on a tenant basis. The function is available on the website if it is used together with the proportional distribution software as an optional application.
4. OVERVIEW

4-1 Web System of the intelligent Touch Controller

The Administrator can assign (or restrict) one or more air conditioners to each General User. In the following Figure 1, User 01, User 02, and User 03 can operate and monitor only their local air conditioners but User 64 can operate/monitor air conditioners that other General Users can also operate/monitor.

Figure 1: Example of user settings

Maximum number of the registered users
Administrator = 1
General Users = 64
Total = 65
4-2 Functions Available for each login name

There are two categories of login users: **General User** who can perform basic operations via the web interface and **Administrator** who can setup the system and change system settings. The following list shows web operations given to each category.

**Administrator is able to:**
- Operate air conditioners
- Monitor air conditioners
- Create schedules
- Proportional distribution settings
- Set his/her own password
- Set or change General User’s passwords
- Register or delete General Users (Up to 64 users)
- Assign devices to each General User

**A General User is able to:**
- Operate air conditioners
- Monitor air conditioners
- Change his/her own password

**Privileges exclusive for the Administrator**
- The Administrator can assign zones to each General User
- Each General User can operate or monitor only devices specified by the Administrator

4-3 Two Display Modes of the Web Interface

In the login process of the intelligent Touch Controller web interface, users can select either of the following two modes.

- **Basic Mode**
- **Advanced Mode**

This section provides the description of the difference between these two modes.

**Basic Mode:**
- General Users are able to:
  - Monitor air conditioners
  - Operate air conditioners
- The Administrator is able to:
  - Operate air conditioners
  - Monitor air conditioners

**Advanced Mode:**
- General Users are able to:
  - Monitor air conditioners
  - Operate air conditioners
  - Permit and/or prohibit local remote controller operations
  - Change his/her own password
- The Administrator is able to:
  - Operate air conditioners
  - Monitor air conditioners
  - Permit and/or prohibit local remote controller operations
  - Create schedules
  - Proportional distribution settings
  - Set his/her own password (Administrator password)
  - Set or change General User’s passwords
  - Register or delete General Users (Up to 64 users)
  - Assign one or more zones to each General User

**Privileges exclusive for the Administrator**

4-4 Logging into the Web Interface

1. Start Internet Explorer, and input the IP address of the intelligent Touch Controller into the address bar.

2. The software includes the proportional distribution function and others with which a collection file of proportional distribution is output onto the hard disk of the PC. Usual Java applets cannot output the file onto the hard disk of the PC. Therefore, the security warning screen is displayed.

   - When you click the button, the security warning screen will disappears and the log-in screen is displayed.
   - If you always want to trust the content from the publisher, check “Always trust content from this publisher” and click the button.
   - Thereafter the security warning screen will not be displayed. The log-in screen will be displayed automatically whenever the web function is implemented.

   - If you click the button, the security certificate will not be implemented and the screen will close.

   *The Web function cannot be used.*

   To check the signer’s certificate to verify its authenticity, select “More Information” on the dialog and click on “Certificate Details.”

3. The Main screen (Screen 2) is displayed.

   - **User name:** Input the user name given by the administrator.
   - **Password:** Input the password corresponding to the user name.
   - **GUI Mode:** Select the basic mode or advanced mode by checking the radio button.
     - Basic mode (See page 7)
     - Advanced mode (See page 22)
After input, press **OK** to log in.

Screen 2: Authentication screen

If you are not authenticated, the error message displayed in Figure (1) is displayed. Check your user name and password.

Figure (1)

```
Login Error

Authentication failed. Please confirm the user name and password.
OK
```

If the Administrator attempts to log into the web interface without closing the system menu on the intelligent Touch Controller console, the error message displayed in Figure (2) is displayed. In this case close the system menu, and log into it again.

Figure (2)

```
Login Error

An administrator is logged in on the controller.
OK
```

If the Administrator, who is logging into the web interface, attempts to log into the web interface via another PC, the error message displayed in Figure (3) is displayed. The Administrator cannot log into the web interface via multiple PC at a time.

Figure (3)

```
Login Error

A user with the same user name is logged in through web access.
OK
```

4-5 Selecting Display Language

To select a display language to be used for the web interface:

1. Click the **Language** button (1) to display the Display language screen (Screen 2).

2. Click the **<<** or **>>** button to select a language to be used in this screen.

3. Select a language to be used in the web interface by clicking a radio button (2).

4. To reflect your selection, click the **OK**.
   
   To cancel your selection, click the **Cancel**.

Screen 1: Authentication screen

Screen 2: Display language screen
5. BASIC MODE

5-1 Main Screen
The following screen is displayed when logging into the web interface in the Basic mode. This section describes the Main screen shown in the figure. See the next page for more information on each item on this screen.

The above figure shows the Main screen displayed in the Icon display mode.

← The figure to the left shows the Main screen displayed in the List display mode.
Display Areas on the Main Screen

1. Zone Tree Area:
   When you select a zone in this area, devices included in the zone appear in the main display area (2).

2. Main Display Area:
   Displays the devices in the zone selected in the zone tree area (1).

3. Setting Area:
   This area provides status information for each device. You can also change the settings. The contents of this area vary depending on the type of the devices selected in the main display area.
   - Group setting area (Air conditioner) (See page 12)
   - Group setting area (HRV) (See page 13)
   - Group setting area (Lighting device) (See page 14)
   - Group setting area (Universal device) (See page 15)
   - Zone setting area (See page 16)

   For more information, see the appropriate page.

4. Zone Name Bar:
   Displays the name of the zone selected in the (1) Zone Tree Area or the Monitoring (Zone List) status report.

Buttons and Other Information Boxes

User name: admin  (Login name display)
Displays the login name of the user currently logging into the web interface.

Icon  Changes the main display area to the Icon display mode.

List  Changes the main display area to the List display mode.

Update  Updates zone or group status information in the main display area with the most recent data of the intelligent Touch Controller.

Log off  Allows a user to log off the interface and return to the authentication screen.

Increase/reduce button
Increases or reduces the status display area.
Increase:  Displays the status display area.
Reduce:  Hides the status display area.

Increase button

Reduce button

5-2 Icons on the Screen

Each icon represents one of the categories shown in the figures to the right. Devices are grouped into these categories in advance using the intelligent Touch Controller console. Icon assigned to each device cannot be changed via the web interface. This section explains features of each icon.

[Indoor Units]
A device registered as an indoor unit is displayed as an indoor unit icon (see Figure 1).

* In the Icon display mode, a temperature value next to each icon in the main display area represents the set temperature of the device.

[HRV Devices]
A device registered as an HRV device is displayed as an HRV device icon (Figure 2).

[Di or Dio Units]
When a device is registered as a Di or Dio unit and a lighting device icon is assigned to it using the group setting function of the intelligent Touch Controller console, it is displayed as a lighting device icon (Figure 3). When a device is registered as a Di or Dio unit and an icon other than the lighting device icon is assigned to it using the group setting function of the intelligent Touch Controller console, it is displayed as shown in Figure 4: Universal device icon.

[Zone]
Each zone is displayed as shown in Figure 5: Zone icon.
* In the Icon display mode, a temperature value next to each icon in the main display area represents the set temperature of the representative unit.

Refer to page 21 for more information on the representative unit.
5-3 Information Provided by Indoor Unit Icons

[OPERATION MODE]

<table>
<thead>
<tr>
<th>Mode</th>
<th>Icon</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>COOL</td>
<td><img src="image" alt="Cool Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
<tr>
<td>HEAT</td>
<td><img src="image" alt="Heat Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
<tr>
<td>FAN</td>
<td><img src="image" alt="Fan Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
<tr>
<td>DRY</td>
<td><img src="image" alt="Dry Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
<tr>
<td>AUTO</td>
<td><img src="image" alt="Auto Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
<tr>
<td>DEPENDENT</td>
<td><img src="image" alt="Dependent Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
</tbody>
</table>

[Start/Stop state]

<table>
<thead>
<tr>
<th>State</th>
<th>Icon</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td><img src="image" alt="Off Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
<tr>
<td>ON</td>
<td><img src="image" alt="On Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
</tbody>
</table>

[Direction of air flow]

In the Swing mode the direction changes in the following order and this pattern repeats permanently: 0 → 1 → 2 → 3 → 4 → 3 → 2 → 1

[Air volume]

<table>
<thead>
<tr>
<th>Volume</th>
<th>Icon</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td><img src="image" alt="High Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
<tr>
<td>Middle</td>
<td><img src="image" alt="Middle Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
<tr>
<td>Low</td>
<td><img src="image" alt="Low Icon" /></td>
<td>Temperature: 1:1-00, Fan Direction: 1:1-00, Air Volume: 0</td>
</tr>
</tbody>
</table>

[Error]

- ![CommErr Icon](image) | Communication error
- ![Error Icon](image) | Device error
5-4 Information Provided by HRV Icons

**[Ventilation mode]**

- **Automatic ventilation**
- **All heat exchanger ventilation**
- **Normal ventilation**

**[Ventilation Amount]**

- **Low**
- **High**
- **AUTO**

- Low (Fresh up)
- High (Fresh up)
- AUTO (Fresh up)

**[Start/Stop state]**

- **OFF**
- **ON**

**[Error]**

- **CommErr**
- **Error**

- Communication error
- Device error
The icon color of an operational device depends on the setting on the intelligent Touch Controller console.
5-6 Information Provided by the Setting Areas

- **Air Conditioner Group:**

  1. **Group name**
     - Displays the exact name of the selected group.

  2. **Status icon**
     - Displays the current status. (See page 9)

  3. **Start / Stop**
     - Displays the Start/Stop state of the air conditioners. You can start or stop the air conditioners, if required. (See page 17)

  4. **System status display area**
     - Displays the system status. One of the following five icons may appear.

  5. **Operation mode**
     - Displays the operation mode of the air conditioners. You can select a desired mode, if required. (See page 18)

  6. **Sign display area**
     - Provides information on schedule programs and filter signs.

  7. **Room temperature**
     - Displays the current room temperature. Since the suction temperature of air conditioners is used, this may not correspond to the actual room temperature.

  8. **Setpoint**
     - Displays the temperature setting of air conditioners. You can change this value, if required. (See page 19)

  9. **Air flow flap**
     - Displays the direction of air flow of air conditioners. You can change this setting, if required. (See page 19)

  10. **Fan speed**
      - Displays the air volume of air conditioners. You can change this setting, if required. (See page 19)
HRV Group:

(1) Group name
Displays the exact name of the selected group.

(2) Status icon
Displays the current status. (See page 10)

(3) Start / Stop
Displays the Start/Stop state of the HRVs. You can start or stop the HRVs, if required. (See page 17)

(4) System status display area
Displays the system status. One of the following five icons may appear.

- Forced Stop: Forced off
- Central controlled: Under centralized control
- System Error: Abnormal system
- Er Code M8: Inter-central-device communication error
- : Indicates that transmission to the intelligent Touch Controller is in progress.

(5) Ventilation mode
Displays the ventilation mode of HRVs. You can select a desired mode, if required. (See page 18)

(6) Sign display area
Provides information on schedule programs and filter signs.

- Indicates that the selected group is associated with one or more schedule programs.
- Indicates that the selected group has one or more illuminated filter/element signs.

(7) Ventilation amount setting
Displays the Ventilation amount setting. You can change the setting, if required. (See page 20)

(8) Fresh up function setting
Displays Start/Stop state of the Fresh up function. You can turn the function on or off, if required. (See page 20)

CAUTION
For some HRV models, (5), (7), and/or (8) may not be configured. In this case, unavailable buttons are grayed out.
Lighting Device Group:

1. **Group name**
   Displays the exact name of the selected group.

2. **Status icon**
   Displays the current status. (See page 11)

3. **Start / Stop**
   Displays the Start/Stop state of devices. You can start or stop devices, if required. (See page 17)

4. **Sign display area**
   Provides information on schedule programs.
   - Indicates that the selected group is associated with one or more schedule programs.

5. **System status display area**
   Displays the system status. One of the following five icons may appear.
   - **Forced Stop**: Forced off
   - **Central controlled**: Under centralized control
   - **System Error**: Abnormal system
   - **Err Code M8**: Inter-central-device communication error
   - ****: For inter-central-device communication error
   - ****: Indicates that transmission to the intelligent Touch Controller is in progress.

**CAUTION**

- When lighting devices are connected via Dio units: The Start/Stop buttons (3) can be used.
- When lighting devices are connected via Di units: The Start/Stop buttons (3) are not displayed.
Universal Device Group:

(1) Group name
Displays the exact name of the selected group.

(2) Status icon
Displays the current status. (See page 11)

(3) Start / Stop
Displays the Start/Stop state of devices. You can start or stop devices, if required. (See page 17)

(4) Sign display area
Provides information on schedule programs.

Indicates that the selected group is associated with one or more schedule programs.

(5) System status display area
Displays the system status. One of the following five icons may appear.

- Forced stop : Forced off
- Central controlled : Under centralized control
- System Error : Abnormal system
- Err Code M8 : Inter-central-device communication error
- : Indicates that transmission to the intelligent Touch Controller is in progress.

--- CAUTION ---

- When lighting devices are connected via Dio units: The Start/Stop buttons (3) can be used.
- When lighting devices are connected via Di units: The Start/Stop buttons (3) are not displayed.
Zone:

Air conditioner zone:

(1) Clicking this tab provides air conditioner zone information.

HRV zone:

(2) Clicking this tab provides HRV zone information.

Di/Dio zone:

(see Note)

Notes on Zone Display:

- If one or more groups in the selected zone are operational, the Start/Stop state for the zone is [On]. If one or more groups in the selected zone are in an error state, the operation state for the zone is [Error].

- If one or more groups in the selected zone have an illuminated filter/element sign, the filter/element sign for the zone also illuminates.

- An illuminated Auto Control sign informs that the selected zone is associated with one or more schedule programs.

- In the air conditioner zone area, information on the room temperature, setpoint, operation mode, air volume, and direction of air flow is provided. In the HRV zone area, information on the Ventilation mode, Ventilation amount, and Fresh up setting is provided. Data of the representative unit is displayed, rather than that of the entire zone.

Representative Unit:

In a zone monitoring process, the following group is selected as the representative unit.

- In the Icon display mode: the group displayed at the upper left corner
- In the List display mode: the top group in the list.

Note: When connecting via Di units, the and buttons are grayed out.
5-7 Starting/Stopping All the Devices in a Specific Group

■ Procedure for starting/stoping all the devices in a specific group
Start or stop all the air conditioners included in a specific group. This procedure can be used when devices in the selected group are registered as indoor unit, HRV, or Dio unit.
This procedure supports both the Icon display and List display modes. The devices are displayed in the Icon display mode as shown in the following figure:

Screen 1: Main screen

![Screen 1: Main screen](image1)

Procedure
1. On the Screen 1: Main screen, select the zone which includes a desired group from the zone tree area (1).
2. In the main display area (2) the groups belonging to that zone appear. Select the group in this area.
3. The settings of the selected group appear in the setting area (3). Displayed items vary depending on the category of the group. For more information, see pages 12 to 15.

In the figure (Screen 2), an air conditioner group is selected. Click the Start or Stop button.

Screen 2: Group setting area (air conditioners)

--- CAUTION ---
• In the Basic mode, clicking a button, such as the Start and Cool, immediately sends your request to air conditioners and you cannot undo your operation. Therefore be sure to click only an appropriate button, especially when your operation target is a zone.

5-8 Starting/Stopping All the Devices in a Specific Zone

■ Procedure for starting/stoping all the devices in a specific zone
Start or stop all the devices included in a specific zone. This procedure supports both the Icon display and List display modes. In the following figure (Screen 1) the devices are displayed in the Icon display mode.

Screen 1: Main screen

![Screen 1: Main screen](image2)

Procedure
1. On the Main screen (Screen 1), select the Monitoring (Zone list) item from the zone tree option (1) on the left side of the screen.
2. The zone list is displayed in the main display area (2). Select a desired zone in this area.
3. The setting area (3) changes to the zone setting area (Screen 2).

At this time, the Air tab is selected if the selected zone includes air conditioners.
The HRV tab is selected if the selected zone includes HRVs. (When both types of devices are not included, no tab is displayed.)

4. Click the Start or Stop button.

--- CAUTION ---
• Clicking the selected button does not send your request. If you want to send the Start request, click Stop and then Start.
5-9 Switching the Operation Mode

■ Procedure for switching the operation mode

Switch the operation mode of the air conditioner.

On the Monitoring screen, operation is allowed with either Icon or List as the display type. In the figure (Screen 1) the devices are displayed in the Icon display mode.

**Screen 1: Main screen**

The operation mode can be switched by zone or by group.

**Proceduer**

1. To change the setting for all the devices in a zone, select the Monitoring (Zone list) item from the zone tree area (1), and select the zone from the main display area (2).
   
   To change the setting for all the devices in a group, select the zone including the group from the zone tree area (1), and select the group from the main display area (2).

2. Change the operation mode in the setting area (3). The steps required for indoor units are different from ones for HRVs. See the appropriate section.

**Indoor Units**

Click the tab in the zone setting area (Screen 2) to change the setting of all the devices in a zone.

**Screen 2: Zone setting**

Use the group setting area (Screen 3) to change the setting of all the devices in a group.

**Screen 3: Group setting (air conditioners)**

Click one of the following buttons according to your requirement.

- **Cool** Changes the operation mode to Cool.
- **Heat** Changes the operation mode to Heat.
- **Fan** Changes the operation mode to Fan.
- **Dry** Changes the operation mode to Dry.
- **Auto** Changes the operation mode to Auto.
- **Dependent** Changes the operation mode to Dependent.

**[HRV Devices]**

Click the tab in the zone setting area (Screen 4) to change the setting of all the devices in a zone.

**Screen 4: Zone setting**

Use the group setting area (Screen 5) to change the setting of all the devices in a group.

**Screen 5: Group setting (HRV)**

Click one of the following buttons according to your requirement.

- **Automatic** Changes the operation mode to Automatic ventilation.
- **Heat Exchange** Changes the operation mode to All heat exchanger ventilation.
- **Bypass** Changes the operation mode to Normal ventilation.

**CAUTION 1**

- Some of the above setting options may not be used depending on the model of the HRVs. In this case, unavailable buttons are grayed out.

**CAUTION 2**

- Mode setting buttons that cannot be used for the selected zone or group are grayed out.

Ex.: Cool Heat
5-10 Changing the Temperature Setting

Procedure for changing the temperature setting

Change the temperature setting of air conditioners.

On the Monitoring screen, operation is allowed with either Icon or List as the display type.

In the figure (Screen 1) the devices are displayed in the Icon display mode.

The temperature setting can be switched by zone or by group.

If all of the air conditioners in the group selected are in Fan operation, temperature setting cannot be changed.

Procedure

1. On Screen 1: Main Screen, Monitoring (Zone list), select a zone or a group from the pull-down menu (1).
   Select a zone or a group of which the temperature setting is to be changed (2).
   To change the setting for all the devices in a group, select the zone including the group from the zone tree area (1), and select the group from the main display area (2).

2. Click the button (4) to change the temperature setting.

Ex.: For the Figure 1 zone setting, the temperature settings available are between 68°F (20°C) and 86°F (30°C) inclusive.

5-11 Changing the Direction of Air Flow and Air Volume

Procedure for changing the direction of air flow/air volume

Change the air direction or volume of air conditioners.

On the Monitoring screen, operation is allowed with either Icon or List as the display type.

In the figure (Screen 1) the devices are displayed in the Icon display mode.

The air direction or volume can be changed by zone or by group.

Procedure

1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu (1).
   Select a zone or a group of which the air direction or volume is to be reset (2).
   To change the setting for all the devices in a group, select the zone including the group from the zone tree area (1), and select the group from the main display area (2).

2. Click the button (4) to change the direction of air flow.
   Click the button (5) to change the air volume.
5-12 Changing the Ventilation Amount and the Fresh Up Function

■ Procedure for changing the HRV settings

Change the Ventilation amount and the Fresh up settings for HRVs.

On the Monitoring screen, operation is allowed with either Icon or List as the display type.

In the figure (Screen 1) the devices are displayed in the Icon display mode.

Screen 1: Main screen

Use the group setting area (Screen 3) to change the settings for HRVs in a group. Use the following buttons on each screen.

Screen 3: Group setting area (HRV)

- CAUTION
- For some HRV models, the Fresh up and/or Ventilation amount settings cannot be changed. In this case unavailable buttons are grayed out.

5-13 Notes on the Basic Mode

- CAUTION
- In the Basic mode, buttons for bulk operation, such as the Start All and Stop All for the Advanced mode, are not provided. Therefore a General User, who does not have a privilege to operate “All” zones, cannot perform bulk start/stop operations.

If a General User want to start or stop all the air conditioners, he or she should click the Start or Stop button manually, for all the zones that he or she has a privilege to operate.

- CAUTION
- In the Basic mode, clicking a button, such as , , or , immediately sends your request to air conditioners and you cannot undo your operation. Therefore be sure to click only an appropriate button, especially when your target is a zone.

- CAUTION
- Clicking the selected button (see the above figure) does not send your request. If you want to send the Start request, click Stop and then Start.
5-14 Monitoring Operations of All the Devices in a Specific Zone or Group

■ Procedures for monitoring zone or group operations
Monitor operations in both the Icon and List display modes.

Click the Icon or List button to switch the display mode.

Screen 1: Main screen (Icon display mode)

Operations can be monitored by zone or by group. To monitor operations of devices in a zone, select the Monitoring (Zone list) item from the zone tree area on the left side of the screen (1). The operation status is displayed in the main display area (2).

To monitor operations of devices in a group, select the zone including the group from the zone tree area (1). The operation statuses for all the groups included in the selected zone appear.

In the Icon Display Mode
In the main display area (2), information on the Start/Stop state, temperature setting, and error status for the selected zone or group is provided.

*About Zone:
- If one or more groups in the selected zone are operational, the Start/Stop state for the zone is [On]. If one or more groups in the selected zone are in an error state, the operation state for the zone is [Error].
- If one or more groups in the selected zone have an illuminated filter/element sign, the filter/element sign for the zone also illuminates.
- An illuminated Auto Control sign informs that the selected zone is associated with one or more schedule programs.
- In the air conditioner zone area, information on the room temperature, setpoint, operation mode, air volume, and direction of air flow is provided. In the HRV zone area, information on the Ventilation mode, Ventilation amount, and Fresh up function is provided.
- Data of the representative unit is displayed, rather than that of the entire zone.

*For more information on the zone representative unit is follow on.

In the List Display Mode
In the main display area (2), information on the Start/Stop state, presence/absence of malfunction, Auto Control setting, and filter/element sign, temperature setting, operation mode, and room temperature for that zone or group is provided.

When a zone is selected, the setting area (3) (Screen 1) displays the settings of the representative unit.

Screen 2: Main screen (List display mode)

CAUTION
(Zone representative unit)
In a zone monitoring process, the following group is selected as the representative unit.
- In the Icon display mode: the group displayed at the upper left corner
- In the List display mode: the top group in the list.

(For zones including HRVs)
For zones including both air conditioner and HRV groups:
Clicking the HRV tab displays status data of HRVs.
For the purpose of status indication in the zone setting area, data of the representative unit is displayed, rather than that of the entire zone. The HRV group displayed at a higher position than any other HRV groups is selected as the representative unit.

For more information on the zone representative unit is follow on.
6. ADVANCED MODE

6-1 Main Screen
This section provides the description of the Main screen for the Advanced mode. When logging into the application in the Advanced mode, the following screen is displayed.

The above figure shows the Main screen displayed in the Icon display mode.

The figure to the left shows the Main screen displayed in the List display mode. In the List display mode the area (5) is not provided.
Display Areas on the Main Screen

(1) Zone tree area:
When you select a zone in this area, devices included in the zone appear in the main display area (2).
* When logging into the web interface as a General User, the item “Schedule” or “Proportional distribution” does not appear.

(2) Main display area:
Displays devices in the zone selected in the zone tree area (1). Also setting functions related to the zone is provided. In the Icon display mode, the icons set in the intelligent Touch Controller console are used.

(3) System status display area:
Displays the system status such as Forced Stop mode.

(4) Login name display:
Displays the login name of the user currently logging into the web interface.

(5) Status display area in the Icon display mode:
Provides device status information. This bar is displayed only in the Icon display mode.

Action Buttons

- Changes the main display area to the Icon display mode.
- Changes the main display area to the List display mode.
- Starts all the air conditioners for which the login user has an operation privilege. (See page 24)
- Stops all the air conditioners for which the login user has an operation privilege. (See page 24)
- Starts all the devices included in the selected zone or group. (See page 23 to 24)
- Stops all the devices included in the selected zone or group. (See page 23 to 24)
- Launches a dialog box displaying detailed information on the selected zone or group. (See page 31)
- Launches a dialog box where you can set up the selected zone or group. (See page 31)
- Launches a dialog box describing detailed information on items displayed in the Icon/List display modes. (See page 30)
- Returns to the screen specified by the previous zone tree setting. You can return to the screen up to 20 generations (maximum).
- Undoes your return operation.
- Updates zone or group status information in the main display area with the most recent data of the intelligent Touch Controller.
- Allows users to log off and returns to the login authentication screen.

6-2 Starting/Stopping All the Devices in a Specific Group

- Procedure for starting/stopping all the devices in a specific group
Start or stop all the air conditioners included in a specific group.

Procedure
1. On the Main screen (Screen 1) select the zone which includes a desired group from the zone tree area on the left of the screen (1).

Screen 1: Main screen

2. Groups assigned to the selected zone appear in the main display area (2). Select the group in this area.

3. Click the Start or Stop button.

6-3 Starting/Stopping All the Devices in a Specific Zone

- Procedure for starting/stopping all the devices in a specific zone
Simultaneously start or stop all the devices in air conditioner groups assigned to a zone.

Procedure
1. Select the Monitoring (Zone list) item from the zone tree area (1) in the Main screen (Screen 1).

Screen 1: Main screen

1. Monitoring (Zone list)
2. A zone list is displayed in the main display area (2). Select a desired zone in this area.

3. Click the [Start] or [Stop] button.

6-4 Starting/Stopping Air Conditioners All Together

■ Procedure for starting/stopping air conditioners all together

Start or stop all of the registered air conditioners all together. This procedure supports both the Icon and List display modes. In the figure (Screen 1) the devices are displayed in the Icon display mode.

Procedure

1. Click the [Start] or [Stop] button.

CAUTION

- In the bulk start/stop operation, only the devices for which the login user has operation privileges are started or stopped but if the login user is the Administrator, all the devices are started or stopped. See page 5 for more information on permissions of the web interface.

6-5 Switching the Operation Mode

■ Procedure for switching the operation mode

Switch the operation mode of the air conditioner.

On the Monitoring screen, operation is allowed with either Icon or List as the display type.

In the figure (Screen 1) the devices are displayed in the Icon display mode.

Procedure

1. To change the setting for all the devices in a zone, select the Monitoring (Zone list) item from the zone tree area (1) on the left of the screen, and select the zone from the main display area (2).

To change the setting for all the devices in a group, select the zone including the group from the zone tree area (1), and select the group from the main display area (2).

2. Press the [Settings]. Screen 2 Operation is displayed.

3. Select the Set checkbox in the Operation mode frame (3). Check one of the radio buttons (4) to select a desired operation mode.

On the menu, operation modes available for air conditioners in the zone are displayed if the switching is to be made by zone. See the following example.
Ex.: For the zone of the figure 1 you can set the operation mode to Fan, Cool, Heat, Dependent, or Auto. When one or more air conditioners in the zone do not have Cool/Heat option, you can select only Fan or Dependent mode.

Figure 1

6-6 Changing the Temperature Setting

■ Procedure for changing the temperature setting
Change the temperature setting of air conditioners.
On the Monitoring screen, operation is allowed with either Icon or List as the display type.
In the figure (Screen 1) the devices are displayed in the Icon display mode.

Screen 1: Main screen

The temperature setting can be switched by zone or by group.
When all the air conditioners in the selected group or zone are in the Fan mode, the temperature setting cannot be changed.

Procedure
1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu (1). Select a zone or a group of which the temperature setting is to be changed (2).
To change the setting for all the devices in a group, select the zone including the group from the zone tree area (1), and select the group from the main display area (2).

2. Press the . Screen 2 Operation is displayed.

Screen 2: Settings screen

3. Select the Set checkbox (3) in the Setpoint frame, and set the integral and decimal parts using the pull-down menus (4).
In a zone setting, the pull-down menus are pre-populated with allowable temperature values for the air conditioners in the zone. See the following example:

4. Press the .

To cancel the setting, press the .
Ex.: For the zone setting in the Figure 1, the temperature settings available are between 68°F (20°C) and 86°F (30°C) inclusive.

Figure 1

Zone name Group name Range of temperature settings available (see NOTE)
Canteen 1F North 77°F - 86°F (25°C-30°C)
1F West 68°F - 77°F (20°C-25°C)

When the temperature setting is 86°F (30°C), the actual temperature settings for air conditioners are as shown in the Figure 2.

Figure 2

NOTE
Range of temperature settings are as follows:
- Range of temperature settings inherent to the air conditioner main unit.
- Range of temperature as a result of the restriction by temperature setting limit set on the intelligent Touch Controller console.
For more information refer to the intelligent Touch Controller manual.
6-7 Resetting Filter/Element Signs

■ Procedures for resetting filter signs

When one or more air conditioner provide filter/element signs, clean the specified filters or elements, and then reset the filter/element sign.

This procedure supports both the Icon and List display modes. In the figure (Screen 1) the devices are displayed in the Icon display mode.

Screen 1: Main screen

You can reset all the signs displayed on air conditioners in a group or zone all together.

Procedure

1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu (1).
   Select a zone or a group of which the temperature setting is to be changed (2).
   To change the setting for all the devices in a group, select the zone including the group from the zone tree area (1), and select the group from the main display area (2).

2. Press the Settings. Screen 2 Operation is displayed.

Screen 2: Settings screen

3. Select the Reset checkbox in the Filter sign frame.

4. Press the OK.
   To cancel the setting, press the Cancel.

CAUTION

- In a zone setting, if one or more devices in the zone do not provide the filter/element sign, the Reset checkbox is grayed out.
6-8 Changing the Direction of Air Flow and Air Volume

Procedure for changing the direction of air flow/air volume
Change the air direction or volume of air conditioners.
On the Monitoring screen, operation is allowed with either Icon or List as the display type.
In the figure (Screen 1) the devices are displayed in the Icon display mode.

Screen 1: Main screen

The air direction or volume can be changed by zone or by group.

Procedure
1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu (1).
   Select a zone or a group of which the air direction or volume is to be reset (2).
   To change the setting for all the devices in a group, select the zone including the group from the zone tree area (1), and select the group from the main display area (2).
2. Press the Settings button. Screen 2 Operation is displayed.

Screen 2: Settings screen

3. When setting the air volume, select the Set checkbox in the Air volume frame (3), and check one of the radio buttons to select desired air volume.
   When setting the direction of air flow, select the Set checkbox in the Air Direction frame (4) and select your desired value using the pull-down menu. Any integer value from 0 to 7 can be selected.

4. Press the OK button.

   To cancel the setting, press the Cancel button.

Guideline for determining the direction of air flow and air volume

6-9 Changing the HRV settings

Procedure for changing the HRV settings
Change HRV settings.
On the Monitoring screen, operation is allowed with either Icon or List as the display type.
In the figure (Screen 1) the devices are displayed in the Icon display mode.

Screen 1: Main screen

You can change settings of all the HRVs included in a zone or group all together.
**Procedure**

1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu (1).
   Select a zone or a group of which the air direction or volume is to be reset (2).
   To change the setting for all the devices in a group, select the zone including the group from the zone tree area (1), and select the group from the main display area (2).

2. Press the **Settings**. Screen 2 Operation is displayed.

**When Selecting a Zone Including HRVs**

When selecting a zone including HRVs, the Zone Settings screen (Screen 2) is displayed.

(3) Click the **HRV settings** button to display the HRV settings screen (Screen 3). You can set up the following two items.

**Screen 3: HRV settings screen**

(4) **Ventilation mode**
   In this frame the Ventilation mode can be changed. Select the Set checkbox, and check a desired radio button.

(5) **Ventilation amount**
   In this frame the Ventilation amount setting can be changed. Select the Set checkbox, and check a desired radio button.

Upon completion, click the **OK** button (6) and return to the Main screen.

**When Selecting an HRV Group**

When selecting an HRV group, the Group Settings screen (Screen 4) is displayed. This dialog box offers the following items:

**Screen 4: Group Settings screen**

(7) **Current Condition**
   Displays the current HRV status. The following four data items are provided.
   - Start/Stop state
   - Ventilation mode
   - Ventilation amount
   - Filter sign

(8) **Start/Stop**
   In this frame you can start or stop the devices. Select the Set checkbox and check a desired radio button.

(9) **Ventilation mode**
   In this frame you can select a Ventilation mode. Select the Set checkbox and check a desired radio button.

(10) **Ventilation amount**
   In this frame you can select a Ventilation amount setting. Select the Set checkbox and check a desired radio button.

(11) **Filter sign**
   When the Reset indicator is not grayed out, one or more filter signs illuminate. In Screen 2 the indicator shows that no sign illuminates. To reset the filter signs, select the Reset checkbox.

(12) **R/C Enable/Disable (Start/Stop)**
   In this frame you can permit or prohibit the start/stop operation through remote controllers. Select the Set checkbox and check a desired radio button.

Upon completion, click the **OK** button on each screen and return to the Main screen.

---

**CAUTION**

- Some HRV models may not support the Fresh up or Ventilation amount setting options. In this case unavailable buttons are grayed out.

---

**6-10 Permitting/Prohibiting Remote Controller Operations**

- **Procedure for permitting/prohibiting remote controller operations**
  Permit or prohibit operations through remote controllers.
  On the Monitoring screen, operation is allowed with either Icon or List as the display type.
  See next page in the figure (Screen 1) the devices are displayed in the Icon display mode.
You can change the settings of all the devices included in a group or zone.

**Procedure**

1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu (1).
   Select a zone from a main display area to be changed. To change the setting for all the devices in a group, select the zone including the group from the zone tree area (1), and select the group from the main display area (2).

2. Press the **Settings** button. Screen 2: The **Zone Setup** screen is displayed.

3. The area under the R/C Enable/Disable heading (3) includes three frames to permit/prohibit operations through remote controllers. Select the Set checkbox in each frame to set.
   - Start/Stop
     - **Permitted**
     - **Stop Only**
     - **Prohibited**
   - R/C Op. Mode
     - **Permitted** or **Prohibited**
   - R/C Setpoint
     - **Permitted** or **Prohibited**

4. Upon completion, click the **OK** button.
   To cancel your settings, click the **Cancel** button.

### 6-11 Monitoring Operations of All the Devices in a Specific Zone or Group

**Procedures for monitoring zone or group operations**

Monitor operations in both the Icon and List display modes.

Select a display mode using the **Icon** or **List** button.

Operations can be monitored by zone or by group.

**Screen 1: Main screen (Icon display mode)**

To monitor operations of devices in a zone, select the **Monitoring (Zone list)** item from the zone tree area (1). The operation status is displayed in the main display area (2).

To monitor operations of devices in a group, select the zone including the group from the zone tree area (1). The operation statuses for all the groups included in the selected zone appear.

For an HRV group setting, see the previous page.
[Display Items in the Icon Display Mode]
You can monitor the Start/Stop state and presence or absence of error, Auto Control setting, and filter/element sign for each group or zone in the main display area (2).

In the Icon display mode, the bottom bar (3) in the Screen 1 displays information on the selected zone or group. The following information is offered.

(When all the devices operate normally)
- Temperature setting
  For a zone, the operation mode of the representative unit is shown.
- Operation mode
  For a zone, the temperature setting of the representative unit is shown.
- Group name
  For a zone, the zone name is shown.

(When any of the devices failed)
- Error code
  For a zone, the error code that explains the status of the failed device is shown.
- Group name
  For a zone, the zone name is shown.

*For more information on the representative unit, see the figure to the right.

[Display Items in the List Display Mode]
In the main display area (2) the following zone or group information is displayed.
- Start/Stop state
  For a zone, see the following section.
- Presence/absence of error
  For a zone, see the following section.
- Presence/absence of Auto Control setting
  For a zone, see the following section.
- Presence/absence of filter/element signs
  For a zone, see the following section.
- Temperature setting
  For a zone, the temperature setting of the representative unit is shown.
- Operation mode
  For a zone, the operation mode of the representative unit is shown.
- Room temperature
  For a zone, the room temperature of the representative unit is shown.
- Error code
  For a zone, the error code that explains the status of the failed device is shown.

The frames ((4) in the Screen 1 and 2) at the lower right corner show legend.

Screen 2: Main screen (Icon display mode)

To see the detailed legend information shown in the Screen 3, click the button.

Screen 3: Legend screen

To return to the Main screen, click the button.

CAUTION 1
Representative unit:
In a zone monitoring process, the following group is selected as the representative unit.
- In the Icon display mode: the group displayed at the upper left corner
- In the List display mode: the top group in the list.
If one or more groups in the selected zone are operational, the Start/Stop state for the zone is **On**. If one or more groups in the selected zone are in an error state, the operation state for the zone is **Error**.

If one or more groups in the selected zone have an illuminated filter/element sign, the filter/element sign for the zone also illuminates.

An illuminated Auto Control sign informs that the selected zone is associated with one or more schedule programs.

In the air conditioner zone area, information on the room temperature, setpoint, operation mode, air volume, and direction of air flow is provided. In the HRV zone area, information on the Ventilation mode, Ventilation amount, and Fresh up setting is provided.

Data of the representative unit is displayed, rather than that of the entire zone.

### 6-12 Monitoring Detailed Information

#### Procedures for monitoring detailed information

Detailed operation status can be monitored by zone or by group.

**Screen 1: Main screen**

1. To view details on a zone, select the **Monitoring (Zone list)** item from the zone tree area (1). To view details on a group, select the zone including the group from the zone tree area. Then select the target zone or group in the main display area (2).

2. Click the **Details** button. The Details screen (Screen 2) is displayed and provides the following data items.

**Screen 2: Details screen**

- **Name**: Group name
- **Description**: Group description
- **Type**: Air conditioner or device
- **Group Address**: Address between 1-00 and 4-15
- **Schedule**: Enable/Disabled
- **Heating Optimization**: Enabled/Disabled
- **Temperature Limit**: Enable/Disable
- **Automatic Changeover**: Enable/Disable
- **Simple Interlock**: Enable/Disable
- **R/C**: Main/Sub
- **Changeover Option**: Able/N/A
- **OD-Unit Addr**: Address of outdoor unit
- **Err Code**: Error code
- **Err Unit No.**: Error unit number

**NOTE**

Neither Err Code nor Err Unit No. are displayed under a normal operation.

**For an air conditioner group**

1) Name : Group name  
2) Description : Group description  
3) Type : Air conditioner or device  
4) Group Address : Address between 1-00 and 4-15  
5) Schedule : Enable/Disabled  
6) Heating Optimization : Enabled/Disabled  
7) Temperature Limit : Enable/Disable  
8) Automatic Changeover : Enable/Disable  
9) Simple Interlock : Enable/Disable  
10) R/C : Main/Sub  
11) Changeover Option : Able/N/A  
12) OD-Unit Addr : Address of outdoor unit  
13) Err Code : Error code  
14) Err Unit No. : Error unit number

**For a zone**

15) Name : Zone name  
16) Description : Zone description  
17) Sequential Start : Enabled/Disabled  
18) Interval : Interval when Enabled is set for the above  
19) No. of Regist Grp : Numbers of registered groups  
20) Schedule : Enable/Disabled

Click the **Close** button to return to the Main screen.

On the Details screen for HRV groups, items 1), 2), 3), 4), 5), and 10) (plus 13) and 14) in an error state) are displayed. For Dio groups, items 1), 2), 3), 4), and 10) (plus 13) and 14) in an error state) are displayed. For Di groups, items 1), 2), 3), and 4) (plus 13) and 14) in an error state) are displayed.
3. Click the Error History button (3) on the previous screen to display the following Error History screen (Screen 3). In this screen you can check errors that the selected devices have encountered. If no error has occurred, the Screen 4 is displayed.

Click the Close button to return to the Details screen.

Error event information including the time it occurred, error code, and error unit number are recorded and sorted by time occurred. Up to 10 historical error events can be recorded.

When an error event with the same error code as one for the already registered event occurs in a specific group, only the time is updated. For a specific group two or more error events with the same error code are not registered.

6-13 Monitoring Detailed Operation Status

Procedure for monitoring detailed operation status
Detailed operation status can be monitored by zone or by group.

Screen 1: Main screen

Procedure
1. To view information on a zone, select the Monitoring (Zone list) item from the zone tree area (1). To view information on a group, select the zone including the group from the zone tree area. Then select the target zone or group in the main display area (2).

Screen 2: Settings screen

(1) Name (Description)
Displays the name and description of a zone or group.

(2) Current Condition
• Start/Stop state
• Operation Mode
• Room temperature
• Presence or absence of filter signs

(3) Air volume
Displays current air volume.

(4) Direction of air flow
Displays current direction of air flow.

The area under the R/C Enable/Disable heading includes three frames to display the setting for permission/prohibition of operation through remote controller. In each frame one of the following options is highlighted:

(5) Start/Stop
Permitted
Stop Only
Prohibited

(6) R/C Op. Mode
Permitted or Prohibited

(7) R/C Setpoint
Permitted or Prohibited

3. Upon completion, click the Cancel button to return to the Main screen.

CAUTION
• This screen can be used for both setting and monitoring. When using it only for monitoring, be sure to click the Cancel button, rather than the OK button to close it. This prevents you from inadvertently changing existing settings.
6-14 Monitoring Operation Status of HRVs

Procedure for monitoring HRV operation
The operation of all the HRVs can be monitored by zone or by group.

Screen 1: Main screen

Procedure
1. To view information on a zone, select the Monitoring (Zone list) item from the zone tree area on the left side of the screen (1). To view information on a group, select the zone including the group from the zone tree area. Then select the target zone or group in the main display area (2).

2. Press the Settings button. Screen 2 Operation is displayed.

Screen 2: Zone Settings screen

[When Monitoring a Zone of HRVs]
When selecting a zone including HRVs, the Zone Settings screen (Screen 2) is displayed.

(3) Click the button to display the HRV settings screen (Screen 3).

Screen 3: HRV settings screen

(4) You can view the following two items.
(5) Ventilation mode
 Displays the current Ventilation mode.
(6) Ventilation amount
 Displays the current Ventilation amount.

Upon completion, click the button to return to the Main screen.

[When Monitoring a Group of HRVs]
When selecting an HRV group, the Group Settings screen (Screen 4) is displayed. You can view the following items in this screen:

Screen 4: Group Settings screen

(7) Current Condition
 Start/Stop state  Ventilation mode  Ventilation amount  Filter sign
(8) R/C Enable/Disable (Start/Stop)
 Displays the setting for permitting/prohibiting start/stop operations through remote controllers.

Upon completion, click the button on each screens to return to the Main screen.

CAUTION
This screen can be used for both setting and monitoring. When using it only for monitoring, be sure to click the button, rather than the button to close it. This prevents you from inadvertently changing existing settings.
7. ABOUT SYSTEM SETTINGS MENU

7-1 Overview

The System Settings menu is provided in the zone tree area displayed in the Advanced mode. This menu provides the following menu items.

<table>
<thead>
<tr>
<th>System setting menu</th>
<th>Propriety of operation by login authority</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Administrator</td>
</tr>
<tr>
<td>Password Setting</td>
<td>○</td>
</tr>
<tr>
<td>Registration of General Users</td>
<td>○</td>
</tr>
<tr>
<td>Deletion of General Users</td>
<td>○</td>
</tr>
<tr>
<td>Assigning Zones to General Users</td>
<td>○</td>
</tr>
<tr>
<td>Creating Schedules</td>
<td>○</td>
</tr>
<tr>
<td>Proportional distribution settings</td>
<td>○</td>
</tr>
</tbody>
</table>

○ : Granted  × : Denied

The following table explains these privileges (System Settings menu items).

<table>
<thead>
<tr>
<th>System setting Menu Name</th>
<th>Description</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Password Setting</td>
<td>Each General User can change his/her own login password. The Administrator can change not only his/her own login password but also registered General Users' login passwords.</td>
<td>See page [38]</td>
</tr>
<tr>
<td>Registration of General Users</td>
<td>The Administrator can register General Users using this menu item. Registered General Users can operate air conditioners and other devices through the web interface. Up to 64 General Users can be registered.</td>
<td>See page [39]</td>
</tr>
<tr>
<td>Deletion of General Users</td>
<td>The Administrator can delete any of the registered General Users.</td>
<td>See page [40]</td>
</tr>
<tr>
<td>Assigning Zones to General Users</td>
<td>The Administrator can assign one or more zones to each General User. The General User can operate devices included in these zones. Zones are created in advance using the intelligent Touch Controller console. It is impossible to create a zone via the web interface.</td>
<td>See page [40]</td>
</tr>
</tbody>
</table>

Overview: Schedule Creation Procedure

The Schedule menu item allows you to create operation schedules and link it to one or more zones or groups. You can automatically start/stop air conditioners at a point in time. The time value (Year, Month, Day, Day of week, Hour, Minute) is set in advance on the intelligent Touch Controller according to the usage of the air conditioners.

The options provided for creating schedule events are:

- Start/Stop
- Permitting/prohibiting local remote controller operations
- Operation mode
- Setting temperature
- Ventilation mode (+)
- Ventilation amount (+) Only for HRVs

The following describes the steps required to make a plan to create scheduling patterns.

- There are two types of schedule patterns: 7 regular schedule patterns (applied to Sun to Sat) and 10 extra schedule patterns (Ex1 to Ex10). To get things started, make a plan for creating these 17 schedule patterns on the Calendar Setting Table and write down your plan.
- Do the setting of Calendar Setting, Weekly Setting, and Extra Schedule Patterns. Ex.: Regular schedule patterns are for normal business days and extra schedule patterns are for a special period such as summer holidays. You can create schedule programs for the next 13 months.
- Finally assign events to the above 17 schedule patterns (regular schedule patterns: Sun to Sat; extra schedule patterns: Ex1 to Ex10). Ex.: Starts devices in zone 1 at 9:00 and stops at 17:00 Up to 16 operations can be set for each day. Up to 8 schedule programs can be set, by concerning the schedules above as one.

See page [41]
The following section provides a setting example.

**Zone Setting**

1. **Floor usage**
   - 1F: Reception counter Names this **Zone 1F**
   - 2F: Office Names this **Zone 2F**
   - 3F: Canteen Names this **Zone 3F**

**Schedule**

**Calendar Setting**

2. **Information required to create the schedule for each zone is recorded on the Calendar Setting Table.** Each column corresponds to a zone and each row corresponds to a schedule pattern (for each day of the week and extra schedule days.).

<table>
<thead>
<tr>
<th>Day of week</th>
<th>Zone name</th>
<th>Zone 1F</th>
<th>Zone 2F</th>
<th>Zone 3F</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUN</td>
<td>Holiday</td>
<td>Holiday</td>
<td>Holiday</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MON</td>
<td>9:30-18:00</td>
<td>8:30-17:00</td>
<td></td>
<td>9:00-14:30</td>
</tr>
<tr>
<td></td>
<td>Duty hours</td>
<td>Duty hours</td>
<td></td>
<td>Duty hours</td>
</tr>
<tr>
<td></td>
<td>12:00-13:00</td>
<td>Lunch break</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>17:00-22:00</td>
<td>Overtime hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>22:00</td>
<td>Closing office</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TUE</td>
<td>ditto</td>
<td>ditto</td>
<td>ditto</td>
<td></td>
</tr>
<tr>
<td>WED</td>
<td>9:30-17:00</td>
<td>ditto</td>
<td>ditto</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duty hours</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>THU</td>
<td>same as Mon</td>
<td>ditto</td>
<td>ditto</td>
<td></td>
</tr>
<tr>
<td>FRI</td>
<td>same as Mon</td>
<td>ditto</td>
<td>ditto</td>
<td></td>
</tr>
<tr>
<td>SAT</td>
<td>Holiday</td>
<td>Holiday</td>
<td>Holiday</td>
<td></td>
</tr>
</tbody>
</table>

**Ex1**

- third Sat of every month: Concerned as a working day
- Ex2
  - 1st Aug to 20th Aug Holiday
  - 29th Dec to 4th Jan Holiday

**Ex3**

- 28th Dec
  - 9:00-12:00 Service hours
  - Holiday

**Ex4**

- 5th Jan
  - 10:00-15:00 Service hours
  - 9:00-14:30 Duty hours
### Determining Schedule Events

3. In this step you will determine schedule events for **Zone 2F**.

   Note: These events are provided only for reference. Create customized schedules based on your actual requirements.

**Example: event settings for Mon to Fri**

<table>
<thead>
<tr>
<th>Time</th>
<th>Target Zone</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Setpoint</th>
<th>Remote Controller Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30</td>
<td>Zone 2F</td>
<td>ON</td>
<td>Null</td>
<td>Null</td>
<td>Override</td>
</tr>
<tr>
<td>12:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Null</td>
</tr>
<tr>
<td>13:00</td>
<td>Zone 2F</td>
<td>ON</td>
<td>Null</td>
<td>Null</td>
<td>Override</td>
</tr>
<tr>
<td>17:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Permits only stopping</td>
</tr>
<tr>
<td>22:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Prohibits remote controller operations</td>
</tr>
</tbody>
</table>

**Example: event settings for Sat and Sun**

<table>
<thead>
<tr>
<th>Time</th>
<th>Target Zone</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Setpoint</th>
<th>Remote Controller Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Zone 2F</td>
<td>Null</td>
<td>Null</td>
<td>Null</td>
<td>Override</td>
</tr>
<tr>
<td>17:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Prohibits remote controller operations</td>
</tr>
</tbody>
</table>

**Example: event settings for Ex1 (third Sat of each month)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Target Zone</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Setpoint</th>
<th>Remote Controller Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30</td>
<td>Zone 2F</td>
<td>ON</td>
<td>Null</td>
<td>Null</td>
<td>Override</td>
</tr>
<tr>
<td>12:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Null</td>
</tr>
<tr>
<td>13:00</td>
<td>Zone 2F</td>
<td>ON</td>
<td>Null</td>
<td>Null</td>
<td>Override</td>
</tr>
<tr>
<td>17:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Permits only stopping</td>
</tr>
<tr>
<td>22:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Prohibits remote controller operations</td>
</tr>
</tbody>
</table>

**Example: event settings for Ex2 (for example, summer holidays)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Target Zone</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Setpoint</th>
<th>Remote Controller Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Zone 2F</td>
<td>Null</td>
<td>Null</td>
<td>Null</td>
<td>Override</td>
</tr>
<tr>
<td>17:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Prohibits remote controller operations</td>
</tr>
</tbody>
</table>

**Example: event settings for Ex3 (M. 12 D. 28)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Target Zone</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Setpoint</th>
<th>Remote Controller Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Zone 2F</td>
<td>ON</td>
<td>HEAT 77°F</td>
<td>Null</td>
<td>Override</td>
</tr>
<tr>
<td>12:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Prohibits remote controller operations</td>
</tr>
</tbody>
</table>

**Example: event settings for Ex4 (M. 1 D. 5)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Target Zone</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Setpoint</th>
<th>Remote Controller Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00</td>
<td>Zone 2F</td>
<td>ON</td>
<td>HEAT 77°F</td>
<td>Null</td>
<td>Override</td>
</tr>
<tr>
<td>12:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Prohibits remote controller operations</td>
</tr>
<tr>
<td>13:00</td>
<td>Zone 2F</td>
<td>ON</td>
<td>Null</td>
<td>77°F</td>
<td>Override</td>
</tr>
<tr>
<td>15:00</td>
<td>Zone 2F</td>
<td>OFF</td>
<td>Null</td>
<td>Null</td>
<td>Prohibits remote controller operations</td>
</tr>
</tbody>
</table>

* **Null** indicates that the previous state is maintained in the time frame.

### Copying or Deleting Schedule Programs

You can copy or delete existing schedule programs.  

See page [47]

### Copying or Deleting Schedule Events

You can copy or delete existing schedule events.  

See page [47]

### Naming a Schedule

You can change a default schedule name to a descriptive one.  

See page [48]
<table>
<thead>
<tr>
<th>System setting Menu Name</th>
<th>Functional outline</th>
<th>Reference</th>
</tr>
</thead>
</table>
| Proportional distribution function  
Outline explanation | The proportional distribution calculation of the power consumption of each air conditioner is made, displayed, and output in file.  
This function makes it possible to measure the total power consumption of the air conditioners of facilities, such as a tenant building, with a meter and calculate the power consumption of each air conditioner on a tenant basis.  
- Normal Type... The amount of power consumption can be divided proportionally.  
- The function is available on the website if it is used together with the proportional distribution software as an optional application.  
The following web setting and control items of the proportional distribution function are available.  
<Setting items>  
- Excluded Time (Normal Type)  
- Special Calculation Days (Normal Type)  
<Control items>  
- Setting/Display of collection result  
- File output of collection result  
A procedure for proportional distribution control is explained below.  
- Excluded Time (Normal Type)  
  You can set the desired time zone between 0:00 and 24:00 and the day of the week for not performing proportional distribution calculation.  
- Special Calculation Days (Normal Type)  
  Proportional distribution calculation between 0:00 and 24:00 is possible for holidays (public holidays and national holidays) other than regular closing days (e.g., Saturdays and Sundays).  
  You can set the desired time zone and day of the week in the exclusion periods zone as well.  
- Setting/Display of collection result  
  Set the period to display the result of proportional distribution. The display of either the period or month is possible.  
- File output of collection result  
  You can save the result of proportional distribution calculation in CSV file format into the hard disk of the PC.  
- For details, refer to the operation manual of the intelligent Touch Controller software. |

See page [49]  
See page [50]  
See page [51]  
See page [54]
7-2 System Settings
This menu item provides the following functions:
- Changing passwords
  (This page and next page)
- Registration/deletion of General Users
  (See page 39 to 40)
- Assigning one or more Zones to each General User
  (See page 40)

[To Change Your Own Password]
1. Log into the interface as the Administrator or a General User
2. Select the System Settings node from the zone tree area (1)
   to display the System Settings main screen (Screen 1).

Screen 1: System Settings main screen

3. Double click the Password change icon (2) to display the
   Modify Password screen.

Screen 2: Modify Password screen

4. Enter the existing password into the current password (3)
   field. If you have no password, skip this field.
5. Enter a new password into the New password field (4). Then
   enter the password again into the Checking new password
   field (5) for confirmation. These two fields accept up to 15
   characters.
6. Upon completion, click the OK button.

--- CAUTION
Administrator passwords for web interface and console
When a new Administrator password is set in this screen, it
becomes the same password necessary to operate the Sys-
tem Console Menu. The new Administrator password
replaces any prior Administrator password in the system.

To Change a General User Password (When You are the
Administrator)
1. Log into the interface as the Administrator, and select the
   System Settings node (1) from the zone tree area to display
   the System Settings main screen (Screen 1).

Screen 1: System Settings main screen

2. Double click the User settings icon (2) to display the User set-
tings dialog box (Screen 2).

Screen 2: User settings dialog box

3. Select a user name from the User name list (3), and click
   button (4). Note that the admin in the list
   represents the Administrator.
The Modify Password dialog box (Screen 3) is displayed.

Screen 3: Modify Password screen

1. Enter a new password in the Password field (5) and re-enter the same password in the Confirm password field (6) for confirmation.

2. Upon completion, click the OK button.

To cancel your entry, click the Cancel button.

**NOTE**
- You also can change the Administrator password in the User settings dialog box (Screen 2) by selecting admin rather than a user name in the step 3.

Click the Modify Password button (4). Then repeat the steps 4 and 5.

[To Register a General User]

1. Log into the interface as the Administrator, and select the System Settings node (1) from the zone tree area on the left side to display the System Settings main screen (Screen 1).

Screen 1: System Settings main screen

2. Double click the User settings icon (2) to display the User settings dialog box (Screen 2).

Screen 2: User settings dialog box

3. Click the Add user button (3) to display the Add user dialog box where user name and password can be typed (Screen 3).

Screen 3: Add user dialog box

4. In the User name field, type the user name to be registered (4).

5. In the Password field, type a new password for the User (5) and retype the same Password check field to confirm.

6. Upon completion, click the OK button.

To cancel your entry, click the Cancel button.
[To Delete a General User]
1. Log into the interface as the Administrator, and select the System Settings node (1) from the zone tree area to display the System Settings main screen (Screen 1).

Screen 1: System Settings main screen

2. Double click the User settings icon (2) to display the User settings dialog box (Screen 2).

Screen 2: User settings dialog box

3. Select the name of the user to be deleted from the User name list (3), and click the User deletion button to display the user deletion dialog box (Screen 3). Click the Yes button to confirm your selection.

Screen 3: User deletion dialog box

[Assigning Zones to General Users]
1. Log into the interface as the Administrator, and select the System Settings node (1) from the zone tree area to display the System Settings main screen (Screen 1).

Screen 1: System Settings main screen

2. Double click the User settings icon (2) to display the User settings dialog box (Screen 2).

Screen 2: User settings dialog box
3. Select the zone you want to assign or remove and click the button (3). The Zone editing dialog box (Screen 3) is displayed.

Screen 3: Zone editing dialog box

4. Select a zone to be assigned to the selected user from the right list (5) and click the button (6). The zone is moved to the left list (4). To remove an assigned zone, select the zone from the left list (4) and click the button (7). The zone is removed from the list.

5. To change the order of items in the left list (4), use the Up and Down buttons.

6. Upon completion, click the button.

To cancel your entry, click the Cancel button.

8. CREATING SCHEDULES

8-1 Main Scheduling Screen

This section describes the components of the main scheduling screen.

When selecting the Schedule node (1) from the zone tree area on the left side of the screen, the following Main Schedule screen is displayed.

(1) Schedule node in the zone tree area
Selecting this node displays the main scheduling screen.

(2) Schedule program list
Lists the name and status (Enabled/disabled) for each schedule program.

(3) Enable/Disable radio buttons
Displays the status of the program selected in the list. You can enable or disable it using these buttons.

Modify

Displays the Schedule screen.
For more information on the Schedule screen layout, see the next page.

Edit Schedules

Displays the Edit Schedule screen.
For the description of how to use this button, see the page 47.
8-2 Schedule dialog box

(1) **Pattern radio buttons and Pattern bar**
A Pattern bar displays various operations to be performed for each day. Pattern radio buttons are used to select the schedule pattern to be edited. (See page 44)

(2) **Pattern change**
Changes schedule patterns. (See page 43)

(3) **Edit Schedules**
Copies or deletes schedule patterns. (See page 47)

(4) **Name change**
Renames Ex schedule patterns. (See page 48)

(5) **Name change**
Renames schedule programs displayed on the main scheduling screen. (See page 48)

(6) **Schedule Calendar area**
Renames schedule programs displayed on the main scheduling screen. (See page 46)

(7) **Legend area**
Describes the symbols representing each schedule pattern.

(8) **Calendar change**
Used to assign one or more dates to an Ex schedule. (See page 46)
8-3 Using the Schedule Menu

To edit a schedule program

Procedure
1. Select the Schedule node (1) from the zone tree area.

Screen 1: Main scheduling screen

2. The schedule program list (2) is displayed. You can create up to 8 schedule programs. Select the schedule program you want to set up or change, and click the (3) button.

Screen 2: Schedule screen

3. The Schedule dialog box (Screen 2) is displayed where you can set up or change the schedule program.

Screen 2: Schedule dialog box

See the following pages for the instructions.
• Regular schedule pattern: (This page)
• Ex schedule pattern: (See page 45)

8-4 Creating Regular Schedule Patterns

To create regular schedule patterns
1. To create regular schedule patterns (Sun to Sat), select a target day of the week by clicking an appropriate pattern radio button (1).

Screen 1: Schedule screen

2. Click the (2) button to display the Pattern change dialog box (Screen 2).

Screen 2: Pattern change dialog box

(3) (4) (5)

(6)

(7)
To add a new schedule event, click the **Add** button (3). A new event item is displayed in the top row of the schedule event list (6). You can set up or change a new or existing event item in this list.

Select the new event added in the step 3 or an existing event, and set or change various variables of the event using options in the schedule event settings area (7). To set or change these variables, select the **Set** checkbox in each frame and click a desired radio button. In each frame below you can:

- **Run time**: Set a time value that indicates when the event should occur using the pull-down menus.
- **Target**: Select a target zone or group. Click the **Modify** button to display the Target dialog box (Screen 3), where you can select a target group or zone.
- **Start/Stop**: Select an action (Start or Stop) that the event triggers using the radio buttons.
- **R/C Setpoint**: Set the temperature setting value for the selected zone or group using the radio buttons.
- **Operation mode**: Set the operation mode for the selected zone or group using the radio buttons.
- **R/C Enable/Disable**: Permit or prohibit the remote controller operation using the radio buttons. In each of the following three frames, you can:
  - **Start/Stop**: Permit or prohibit the start/stop operation through remote controllers.
  - **Operation Mode**: Permit or prohibit the modification of the operation mode through remote controllers.
  - **R/C Setpoint**: Permit or prohibit the modification of the temperature setting through remote controllers.
- **Ventilation mode**: Set the HRV’s ventilation mode using the radio buttons.
- **Ventilation amount**: Set the HRV’s ventilation amount.

**CAUTION**

- When the devices in the target group or zone are not HRVs or HRVs that do not support these settings, your selection will be ignored even if the Set checkbox is selected.

Upon completion, click the **Ok** button on the Pattern change dialog box (Screen 2). To cancel your selection, click the **Cancel** button.

Return to the Schedule screen (Screen 1 of the previous page). You will confirm your settings on this screen.

**Other Buttons**

- **Delete** (4): Deletes the event item selected in the schedule event list (6).
- **Copy** (5): Duplicates a selected event item in the schedule event list (6).

In the Schedule screen the schedule pattern bar in the figure (Screen 4) is displayed. Each mark represents:

**Screen 4: Pattern bar**

<table>
<thead>
<tr>
<th>Hour</th>
<th>030691215182124</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Starts</td>
</tr>
<tr>
<td>12:00</td>
<td>Changes temperature setting</td>
</tr>
<tr>
<td>15:00</td>
<td>Stops</td>
</tr>
</tbody>
</table>

**Screen 5: Example of pattern bars**

<table>
<thead>
<tr>
<th>Hour</th>
<th>030691215182124</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Starts</td>
</tr>
<tr>
<td>9:15</td>
<td>Changes temperature setting</td>
</tr>
<tr>
<td>12:00</td>
<td>Changes temperature setting</td>
</tr>
<tr>
<td>15:00</td>
<td>Stops</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hour</th>
<th>030691215182124</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Starts</td>
</tr>
<tr>
<td>9:30</td>
<td>Changes operation mode</td>
</tr>
<tr>
<td>12:00</td>
<td>Changes temperature setting</td>
</tr>
<tr>
<td>15:00</td>
<td>Stops</td>
</tr>
<tr>
<td>(Red):</td>
<td>Start event</td>
</tr>
<tr>
<td>(Green):</td>
<td>Stop event</td>
</tr>
<tr>
<td>(Black):</td>
<td>Event other than start/stop events</td>
</tr>
</tbody>
</table>

The marks on the bar indicate the time frame (half-hour unit, for example: 0:00 to 0:29, 0:30 to 0:59) within which the event should occur. See the examples in the Screen 5.

If the setting is satisfactory, click the OK button. Return to the main scheduling screen (Screen 6).

**8-5 Creating Ex Schedule Patterns**

*To create Ex schedule patterns*

1. You can also create 10 extra schedule patterns (Ex1 to 10) in the Schedule screen (Screen 1). Click an appropriate radio button (1) to select the Ex schedule pattern to be set up or changed.

**Screen 1: Schedule screen**

2. Click the Pattern change button to display the Pattern change dialog box (Screen 2).

**Screen 2: Pattern change dialog box**

3. To add a new schedule event, click the Add button (3). A new event item is displayed in the top row of the schedule event list (6). You can set up or change a new or existing event in this list.

4. Select the new event added in the step 3 or an existing event, and set up or change various variables of the event using options in the schedule event settings area (7). To set up or change these variables, select the Set checkbox in each frame and click a desired radio button. For the description of the setting options, see the *Creating Regular Schedule Patterns* section.

---

**CAUTION**

- Disabled schedule programs do not work.

The regular schedule patterns are now created.
5. Upon completion, click the [OK] button on the Pattern change dialog box (Screen 2). To cancel your entry, click the [Cancel] button. Return to the Schedule screen (Screen 1).

6. Repeat the steps 1 to 5 in this procedure if other extra schedule patterns should be set up.

7. In the Schedule screen the schedule pattern bar in the figure (Screen 3) is displayed. For the description of each mark, see the Creating Regular Schedule Patterns section.

Screen 3: Pattern bar

If the setting is satisfactory, associate each Ex schedule pattern with a specific date. See the following (Screen 1).

8. Then mark the dates on the calendar to indicate when the Ex schedule events should occur. As shown in the figure, by default no Ex schedule is associated (1). Regular schedule patterns are applied to all the dates.

Screen 1: Schedule screen

9. The Calendar change screen (Screen 2) is displayed. Click the Set checkbox (2).

Screen 2: Calendar change screen

10. Click the appropriate radio button to select the Ex schedule pattern to be set.

11. With the Ex schedule pattern radio button selected, click a date on the calendar to assign that date to the Ex schedule pattern. To deselect an Ex-schedule-pattern-assigned date, select the Week radio button and then click the date.

12. Upon completion, click the [OK] button to return to the main scheduling screen. In this screen you can enable the schedule program just created. By default it is disabled. Click the Enable radio button to enable it.

**CAUTION**

- Disabled schedule programs do not work.

The extra schedule patterns are now created.
8-6 Copying or Deleting a Schedule Program
■ To copy or delete a schedule program

1. Click the **Edit Schedules** button (1) in the main scheduling screen (Screen 1).

   Screen 1: Main scheduling screen

2. The Edit Schedule screen (Screen 2) is displayed.

   Screen 2: Edit schedule screen

   ![Edit Schedule Screen](image)

Copy Procedure
Select a source schedule program in the left list (2) and a target schedule program in the right list (3). In the example (Screen 2) the items of the Schedule 1 are copied to the Schedule 2. Then select a copy option in the pull down menu (4). The following options are provided
- All settings are overwritten.
- Only the calendar setting is overwritten.

   ![Copy Options](image)

   Click the **Apply** button (5).

   Then click the **OK** button to complete the copy process.

8-7 Copying or Deleting Schedule Events
■ To copy or delete schedule events

1. Click the **Edit Schedules** button (1) in the Schedule screen (Screen 1).

   Screen 1: Schedule screen

2. The Edit Schedule screen (Screen 2) is displayed.

   Screen 2: Edit Schedule screen

   ![Edit Schedule Screen](image)

Deletion Procedure
Select the schedule program to be deleted in the right list (3) and then choose a deletion option from the pull down menu (4). The following options are provided.
- All settings are deleted.
- Only the calendar setting is deleted.

   ![Delete Options](image)

   Click the **Apply** button (5).

   Then click the **OK** button to complete the copy process.
Copy Procedure
Select a source date in the left pull down menu (2) and a target date in the right pull down menu (3). The following two copy options are provided.

1) To Copy All the events of the target date (3) with ones of the source date (2), click the [Copy all Patterns] button.

2) To insert an event selected in the left list (4) into the right list (5), select appropriate events and click the [Add selected event] button.

Deletion Procedure
Select the date including the event to be deleted in the right pull down menu (3). Then choose the target event from the events displayed in the right list (5) and click the [Delete selected event] button.

3. Then click the [OK] button to complete the copy process.

8-8 Naming a Schedule Program

(i) To name a schedule program

1. Select the schedule program to be named in the list (1) on the main scheduling screen (Screen 1), and click the [Modify] button.

Screen 1: Main scheduling screen

2. The Edit Schedule screen (Screen 2) is displayed.

Screen 2: Schedule screen

3. The Name Change dialog box (Screen 3) is displayed. Enter a name into the field of this box. Up to 16 characters can be entered.

Screen 3:

4. Click the [OK] button to complete this process.

5. To name an Ex schedule pattern, select the Ex schedule pattern from the list (3) on the Schedule screen (Screen 2), and click the [Name change] button (4).

Screen 4:

6. The Name Change dialog box (Screen 4) is displayed. Enter a name into the field of this box. Up to 16 characters can be entered.

7. Click the [OK] button to complete this process.
8-9 Menu Structure of Proportional Distribution Function
This page explains the screen displayed when the schedule menu is selected.
When (1) Pwr Details Dist is selected, the following Main screen for proportional distribution is displayed.

8-10 Display Area

(1) Zone tree area
When Pwr Details Dist is selected, the Main screen for proportional distribution is displayed.

(2) Total result list
The collection result of proportional distribution is distributed as a list.

(3) Period
The collection period of proportional distribution is displayed.

(4) Start date
The start date of the collection period of proportional distribution is displayed.

(5) End date
The end date of the collection period of proportional distribution is displayed.

8-11 Buttons

Apply
Proportional distribution data on the period or month set is collected and distributed in the collection result list in the display area (2).

Set period
You can select the desired set period of proportional distribution.
*When the Set period radio button is selected, the Month radio button is grayed out.

Modify
You can set the start and end dates of the collection of proportional distribution.

Month
You can select the desired month of proportional distribution.
*When the Month radio button is selected, the Set period radio button is grayed out.

20
You can set the desired calculation date of the collection month of proportional distribution.

Exclusion Periods (Normal Type)
Set the desired time zone and the day of the week for not performing proportional distribution calculation.

Special Calculation Days (Normal Type)
Proportional distribution calculation is possible for holidays (public holidays and national holidays) other than regular closing days (e.g., Saturdays and Sundays).

Indoor unit
You can set the collection result list of proportional distribution data on an indoor unit basis.

Zone
You can set the collection result list of proportional distribution data on a zone basis.

All
The display of the total of the collection result list of proportional distribution data.

Output in file
You can save the result list of proportional distribution data in CSV file format on the hard disk of the PC.
*When downloading proportional distribution data, make sure that the Locale language for the intelligent Touch Controller is the same as the language for the Windows version running on the PC. If the Locale language is different, the characters in the proportional distribution data may be garbled. (See 4-5 Selecting Display Language)

Back
Press this button to return to the previous screen displayed in the zone tree. You can return to a maximum of 20 screens.

Forward
Press the Back button to advance the screen displayed in the zone tree.

Log off
Press this button to log off and return to the login screen.

8-12 Settings for Excluded Time (Normal Type)
You can set the desired time zone between 0:00 and 24:00 and the day of the week for not performing proportional distribution calculation.

Example
You can use this screen if you want to collect a fixed amount charge for normal business hours on weekdays and calculate the proportional distribution of power consumption only for overtime and holidays.
You can make exclusion periods settings on a time zone basis (between 0:00 and 24:00) or on a day-of-the-week basis. These settings are made for the whole system, and you can make individual settings on a group or zone basis.

1. Press (1) in the Main screen (Screen 1) for proportional distribution. Screen 2 for Excluded Time is displayed.

Screen 1: Main screen for proportional distribution

![Screen 1](image1)

Screen 2: Screen for Excluded Time

![Screen 2](image2)

2. Set the desired day of the week for the target exclusion periods.
   Check the corresponding radio button in the Enable/Disabled field (2).
   The start time and ending time appear in the Start/Ending time field (3).

3. Press the buttons for the start time and ending time and set the period.
   Check that the set start time and ending time are displayed in the Start/Ending time field (3).

4. If you want to disable any exclusion periods already set, select the corresponding day of the week and press the Disabled radio button in the Enable/Disabled field (2).
   The Start/Ending time field (3) is grayed out and the settings are disabled.

5. If you want to make an exclusion periods for a different day of the week, repeat steps 2 and 3 of the above.
   Go to step 6 to finish the settings.

6. Press (4) on completion of the settings.
   Press (5) to cancel the settings.
   The Main screen (Screen 1) for proportional distribution is displayed.

8-13 Setting Special Calculation Days (Normal Type)

Take the following steps to set special calculation days. It is possible to make exceptional settings so that you can make the proportional distribution calculation of the already-set exclusion periods of any full day (i.e., 0.00 to 24:00) of the week.

Example: You can make the above exceptional settings if you want to make the proportional distribution calculation of the 24-hour periods of specified holidays (public holidays and national holidays), other than regular closing days (e.g., Saturdays and Sundays).

You can make settings on a year basis, and the month and date that are set will be valid in the next year as well. If settings are made for February 29 of a leap year, the same setting will be effective on February 29 in the next leap year. This function has a setting range up to December 2037.

1. Press (1) in the Main screen (Screen 1) for proportional distribution.
   Screen 2 for special calculation days is displayed.

Screen 1: Main screen for proportional distribution

![Screen 1](image3)

Screen 2: Screen for Special Calculation Days

![Screen 2](image4)
2. Press << or >> to select the desired month to be set.

3. Select the desired special calculation day of the month in the calendar field (2). When the date is selected, a square is displayed around the date.
   * If an exclusion periods is set for any day, the day will be marked with an asterisk.

4. If you want to cancel the proportional distribution calculation of a particular day of the month, select the date in the Calendar field. The square box around the day disappears and the setting is canceled.

5. If you want to set another special calculation day, repeat steps 2 and 3 of the above. Go to step 6 to finish the settings.

6. Press (3) OK on completion of the settings.
   Press (4) Cancel to cancel the settings.
   The Main screen (Screen 1) for proportional distribution is displayed.

8-14 Setting Collection Periods of Proportional Distribution Result (Period Settings)
Period settings enable you to make arbitrary settings for the period collecting the result of proportional distribution.

Example Use this function if you want to make a zone change or increase the number of air conditioners during a month and you want to see the proportional distribution results before and after the change or increment.

* The possible setting range of the start date is from the first day of the month of the previous year to the last day of the month and that of the end date is from the first day of the month of the previous year to the day before the last day of the month.

1. Select the Set period radio button from the collection field (1) in the Main screen for proportional distribution (Screen 1). The collection start date and end date appear.
2. Press (2) Modify to change the collection start date. Press (3) Modify to change the collection end date. When you select the collection start date, Screen 2 for the collection start day is displayed. When you select the collection end date, Screen 3 for the collection end date is displayed.

3. Select the collection start month or end month. Select the desired month with the << or >> in Screens 2 or 3.
   • If the change to the previous month is not possible, the << is grayed out. If the change to the next month is not possible, the >> is grayed out.

4. Select the collection start date or end date. Select the date in the calendar field (4) in Screen 2 or Screen 3. The selected date is grayed out.

5. Check that the collection start date and end date in the Date filed (5) in Screens 2 and 3 are correct.
   • If the selected date is incorrect or if you want to make changes, take steps 2 to 4 of the above.

6. Press (6) OK in Screen 2 and Screen 3 on completion of the settings.
   Press (7) Cancel to cancel the settings.
   The Main screen (Screen 1) for proportional distribution is displayed.
   Check that the start date and end date are properly set in the Start/End field (8).
   If they are incorrect, take steps 2 to 5 of the above.

8-15 Setting Collection Periods of Proportional Distribution Result (with Month Specified)
You can display the result of proportional distribution on a monthly basis with the desired month specified. By specifying the calculation periods, you can display the result of proportional distribution between the specified calculation dates of the previous month and the next month.

Example You can use this function to see the result of power proportional distribution of in-building facilities (e.g., tenants).

* The collection period is from 0:00 of the specified calculation date of the previous month to the 0:00 of the specified calculation date of the present month.

Example If the calculation date is set to 20 while the date displayed on the intelligent Touch Controller is October 20, the result of proportional distribution displayed covers a period from September 20 to October 19.

1. Select the Month radio button from the collection filed (1) in the Main screen (Screen 1) for proportional distribution.
   The Calculation date combo box is displayed.
   • If the Set period radio button is selected in the Collection field (1), the Calculation date combo box is grayed out.

2. Open the Calculation date combo box and set the target date. Refer to Screen 2 for calculation date.
   If the date settings are completed, check that the selected dates appear in the Calculation date field (2).
   • This function has a setting range from the first day to 31st day of the month.
   If you set the calculation date to the 31st but the month has no 31st day, the calculation period will start from the end of the month. In the case of February, the calculation period will start February 28.
   In the case of a leap year, a total period will start February 29.

8-16 Display Method of Proportional Distribution Result-1
You can display and check the collection result of proportional distribution data in the list of the Collection result field. Moreover, you can save the result of proportional distribution in CSV format on the PC hard drive.

* If you select No in the security warning screen (see page 5), you cannot save the file on the PC hard drive.
If you want to save the file on the PC hard drive, after quitting Internet Explorer start Internet Explorer and select Yes and Always in the security warning screen.
Before displaying the result of proportional distribution, make exclusion periods, special calculation day, and calculation period (period and month) settings.

- Excluded Time (Normal Type) ....................... (See page 49)
- Special Calculation Days (Normal Type) ........ (See page 50)
- Calculation period
  Set period ............................................. (See page 51)
  Month .................................................... (See page 52)

1. Before displaying the result of proportional distribution, make exclusion periods (normal type), special calculation day (normal type), and collection period (period and month) settings. Press the (1) button in the Main screen (Screen 1) for proportional distribution. Screen 2 for PPD Export Result is displayed.

Screen 1: Main screen for proportional distribution

2. The message “This processing may take time. Start processing?” is displayed. To start processing, press (2) Yes. If you do not want to start processing, press (3) No.

   * The Main screen (Screen 1) displays when you press No.

3. If there were periods when no collection data was obtained, Screen 3 for the collection result is displayed. Press (4) OK.

   * The periods when no collection data was obtained are displayed in the format of [YMD][H]:00.

Screen 2: Collection check

Screen 3: Collection result

4. The collection result list (5) shows the result of proportional distribution. The contents of the display are explained below.

   - Indoor unit check button
     The result of proportional distribution is displayed on an indoor unit basis. The collection result list shows the name and integral power consumption of each indoor unit along with the power consumption of the indoor unit not in operation.

   - Zone check button
     Press this button to display the sum total of the results of proportional distribution of all the indoor units registered with the zone. The collection result list shows the name and integral power consumption of the zone along with the power consumption of the zone not in operation.

   - Total check button
     Press this button to display the sum total of the results of proportional distribution of all the indoor units. The collection result list shows the integral power consumption of the total air conditioners and the power consumption of these air conditioners not in operation.

Screen 4: Screen for collection result of air conditioners

Go to the chapter 8-17.

8-17 Display Method of Proportional Distribution Result-2

4. The collection result list (5) shows the result of proportional distribution. The contents of the display are explained below.

   - Indoor unit check button
     The result of proportional distribution is displayed on an indoor unit basis. The collection result list shows the name and integral power consumption of each indoor unit along with the power consumption of the indoor unit not in operation.

   - Zone check button
     Press this button to display the sum total of the results of proportional distribution of all the indoor units registered with the zone. The collection result list shows the name and integral power consumption of the zone along with the power consumption of the zone not in operation.

   - Total check button
     Press this button to display the sum total of the results of proportional distribution of all the indoor units. The collection result list shows the integral power consumption of the total air conditioners and the power consumption of these air conditioners not in operation.

   - Calculation period
     The period displayed shows the collection start year, month, and date and the collection end year, month, and date.

Screen 4: Screen for collection result of air conditioners
5. Screen 4 or 5 or 6 is displayed as explained below, depending on the button selected.
   - Air conditioner check button: Screen 4 for the collection result of air conditioners.
   - Zone check button: Screen 5 for the zone collection result.
   - Total check button: Screen 6 for the total collection result.

6. To save the collection result on the hard disk of the PC, press the (6) button in Screens 4 to 6.
   Select and save the desired portion.
   - The collection result is saved in CSV format. Three files, i.e., ZONE.CSV, HOURLY.CSV, and a file containing data on the collection period (collection start date_end date) with the delimiter and extension (.CSV), are saved.

7. If you want to display and save the result of proportional distribution of a different period, repeat steps 1 to 6.

9. **PRECAUTIONS FOR WINDOWS VISTA**

9-1 Precautions for Using Windows Vista

In Windows Vista, User Account Control (UAC) now restricts the user permission regardless of user types (administrator/general user). Thus, when using Windows Vista, in order to click the button to save the aggregation results in a file, you need to turn OFF Protected Mode for Internet Explore shown in the status bar. You cannot save the aggregation results in a file even if you click the button when Protected Mode is turned ON.

To turn OFF Protected Mode for Internet Explore, carry out one of the following three methods:

Protected Mode : Off

You cannot save the aggregation results in a file even if you click the button.

Protected Mode : On
1. Method 1 Run Internet Explorer as an administrator
When you used the procedures as shown in the figure below to run Internet Explorer as an administrator, **Protected Mode: Off** is displayed in the status bar of Internet Explorer (see below), allowing you to click the **Output in file** button to save the aggregation results in a file.

(1) Right-click Internet Explorer
(2) Select **Run as an administrator**
(3) Check that Protected Mode is turned OFF

2. Method 2 Run Internet Explorer always as an administrator
Before starting up Internet Explorer, carry out the procedures (1) - (6) below and start up Internet Explorer, and **Protected Mode: Off** is displayed in the status bar of Internet Explorer, allowing you to click the **Output in file** button to save the aggregation results in a file.

* However, when carrying out this method, take into consideration that it can incur the security vulnerability.

(1) Right-click Internet Explorer
(2) Open the property of Internet Explorer
(3) Select Advanced in the property of Internet Explorer to open the Advanced Properties window
(4) Check **Run as administrator** in the Advanced Properties window
(5) Click the **OK** button in Launch Internet Explorer Browser Properties window.
(6) Start up Internet Explorer, check that Protected Mode is turned OFF
3. Method 3 Disable Protected Mode
You can save the aggregation results in a file regardless of your user type (administrator/general user) by restricting the permission with User Account Control (UAC).

However, when carrying out these procedures below, take into consideration that it can incur the security vulnerability.

(1) Select Tool
(2) Open Internet Option
(3) Uncheck Enable Protected Mode
(4) Click the OK button in Internet Option window.
(5) Click the OK button in Warning! window.
(6) Start up Internet Explorer, check that Protected Mode is turned OFF
### 10. BEFORE CONTACTING US: TROUBLESHOOTING

<table>
<thead>
<tr>
<th>Problems</th>
<th>Possible Reasons and Solutions</th>
</tr>
</thead>
</table>
| Air conditioners are not operational, although I did not click the stop button on the web interface. | The most likely causes are:  
1. The air conditioners were stopped using the local remote controllers.  
2. The air conditioners were stopped from the intelligent Touch Controller console or any centralized controller.  
3. A power failure occurred.  
4. A schedule program set via the web interface stopped the air conditioners.  
5. The Heating Optimization function of the intelligent Touch Controller stopped the air conditioners.  
In the HEAT operation mode room temperature may increase if thermostats do not work. The function prevents this problem by automatically stopping air conditioners.  
For more information, refer to the *intelligent Touch Controller Operation Manual*. |
| Air conditioners are operational, although I did not click the start button on the web interface. | The most likely causes are:  
1. The air conditioners were started using local remote controllers.  
2. The air conditioners were started from the intelligent Touch Controller console or any centralized controller.  
3. A schedule program set via the web interface started the air conditioners.  
4. The Temperature Limit function of the intelligent Touch Controller started the air conditioners.  
This function prevents room temperature from becoming extremely high or low by automatically starting air conditioners when a specified temperature threshold is exceeded.  
For more information, refer to the *intelligent Touch Controller Operation Manual*. |
| The temperature setting and/or operation mode of the air conditioner were changed, although I did not change these settings on the web interface. | The most likely causes are:  
1. The settings were changed using the local remote controllers.  
2. The settings were changed from the intelligent Touch Controller console or any centralized controller.  
3. A schedule program set via the web interface changed the settings.  
4. The Automatic Changeover function of the intelligent Touch Controller changed the settings.  
This function maintains optimal room temperature by automatically changing the operation mode and/or temperature setting according to the changing environment conditions.  
For more information, refer to the *intelligent Touch Controller Operation Manual*. |
<table>
<thead>
<tr>
<th>Problems</th>
<th>Possible Reasons and Solutions</th>
</tr>
</thead>
</table>
| The following dialog box is displayed stating that a communication error occurred, and I cannot operate the air conditioners from my PC. | The most likely causes are:  
1. Your PC is not cabled correctly to the intelligent Touch Controller.  
2. The intelligent Touch Controller is turned off.  
Clicking the OK button on the dialog box (Screen 1) displays the Screen 2. Close your browser software and then restart it. |
| ![Screen 1](image) | |
| ![Screen 2](image) | |
| I cannot access the intelligent Touch Controller web interface. | - Your PC is not correctly connected to the network.  
- The intelligent Touch Controller address entered in the browser is incorrect.  
- The intelligent Touch Controller is turned off.  
- The network is congested. Wait for a while and then access it again. |
| ![When accessing the intelligent Touch Controller web interface, the following screen is displayed.](image) | ![When accessing the intelligent Touch Controller web interface, the following screen is displayed.](image) |
| ![When accessing the intelligent Touch Controller web interface, the following screen is displayed.](image) | ![When accessing the intelligent Touch Controller web interface, the following screen is displayed.](image) |
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| ![When accessing the intelligent Touch Controller web interface, the following screen is displayed.](image) | ![When accessing the intelligent Touch Controller web interface, the following screen is displayed.](image) |
11. AFTER-SALES SERVICE

- To have the product repaired, prepare the following information

<table>
<thead>
<tr>
<th>Problems</th>
<th>Possible Reasons and Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>I can access the web interface. However it takes too much time to refresh the screen.</td>
<td>• The network may be congested. Wait for a while and then access it again.</td>
</tr>
<tr>
<td>The room temperature value on the intelligent Touch Controller web interface does not match the actual measurement value.</td>
<td>• Since the suction temperature of air conditioners is used, this may not reflect the actual measurement value, especially when the indoor unit's fans are stopped. This temperature value should be considered as a rough indicator.</td>
</tr>
<tr>
<td>Java plugin does not work correctly.</td>
<td>• Java plugin is not installed correctly.</td>
</tr>
<tr>
<td></td>
<td>• The version of the installed Java plugin is not supported.</td>
</tr>
<tr>
<td></td>
<td>• The latest version may not be supported. Refer to BEFORE STARTING for more information.</td>
</tr>
</tbody>
</table>

- Model
- Date of installation
- Circumstances - as detailed as possible
- Address, name, phone number

- Relocation:
  Relocation should be performed by a professional contractor. Be sure to contact the vendor you purchased the product from or the nearest service station. The customer will be charged for the expense required for transfer work.

- Questions:
  For after-sales service, contact the vendor you purchased the product from or the nearest service station.
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