## 7. Operation Manual

### 7.1 Quick Reference

#### Air Conditioner Operation

<table>
<thead>
<tr>
<th>Feature</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>To collectively start/stop the operation of all devices</td>
<td>14</td>
</tr>
<tr>
<td>connected to the intelligent Touch Controller</td>
<td></td>
</tr>
<tr>
<td>To start/stop the operation of devices by group</td>
<td>15</td>
</tr>
<tr>
<td>To start/stop the operation of devices by zone</td>
<td>16</td>
</tr>
<tr>
<td>To change the operation mode</td>
<td>17</td>
</tr>
<tr>
<td>To change the temperature setting</td>
<td>18</td>
</tr>
<tr>
<td>To reset the filter or element sign</td>
<td>19</td>
</tr>
<tr>
<td>To change the direction or fan speed</td>
<td>20</td>
</tr>
<tr>
<td>To change the range of operation allowed with remote control</td>
<td>21</td>
</tr>
</tbody>
</table>

#### Air Conditioner Operation Monitoring

<table>
<thead>
<tr>
<th>Feature</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>To monitor by zone or by group</td>
<td>22</td>
</tr>
<tr>
<td>To monitor detailed information</td>
<td>23</td>
</tr>
<tr>
<td>See pages 23 to 24</td>
<td></td>
</tr>
</tbody>
</table>

#### System Setup Menu

<table>
<thead>
<tr>
<th>Feature</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>To change the name of a group</td>
<td>26</td>
</tr>
<tr>
<td>To change the zone setup</td>
<td>26</td>
</tr>
<tr>
<td>To change the schedule setup</td>
<td>27</td>
</tr>
<tr>
<td>See pages 27 to 28</td>
<td></td>
</tr>
<tr>
<td>To calibrate the touch panel</td>
<td>29</td>
</tr>
<tr>
<td>To review the history of errors</td>
<td>29</td>
</tr>
<tr>
<td>To adjust the contrast of the screen</td>
<td>49</td>
</tr>
</tbody>
</table>

See pages 14 to 21
7.2 Air Conditioner Operation

7.2.1 Starting/Stopping Operation Collectively

To start/stop the operation of all devices connected

Start or stop collectively the operation of devices connected.

On the Monitoring screen, operation is allowed with either Zone or Group as the display mode and with either Icon or List as the display type. In the example on the left, the display mode is Group in the collective mode and the display type is Icon.

[Procedure]

1. On Screen 1 Monitoring, press the Start All or Stop All button.

2. Screen 2 Confirm appears. Press the OK button.
   (To exit without activating collective start or stop, press the Cancel button.)
7.2.2 Starting/Stopping Operation by the Group

[Screen 1 Monitoring]

1. On Screen 1 Monitoring, select a zone from the pull-down menu.
2. Start or stop the operation of air conditioners by group.

[Screen 2 Monitoring (Group)]

3. Select a zone that includes the group of which the operation is to be started or stopped.
4. Select a group to be started or stopped as in (3).
5. Press the Start or Stop button.

[Procedure]

1. On Screen 1 Monitoring, select a zone from the pull-down menu.
2. Select a zone that includes the group of which the operation is to be started or stopped.
3. Select a group from the pull-down menu.
4. Select a group to be started or stopped as in (3) and press the Start or Stop button.

Example:

Start or stop the operation of Group Name: 1F North registered for Zone Name: Canteen.

Zone Name
- Canteen
- 1F North
- 1F West
- 1F South
- 1F East
- 2F North
- 2F West
- 2F South
- 2F East
- 3F North
7.2.3 Starting/Stopping Operation by the Zone

To start/stop the operation of devices by group

Start or stop by zone the operation of groups of air conditioners set in zones. The example on the left shows a screen for starting or stopping the operation of air conditioners in the canteen.

[Procedure]
1. On Screen 1 Monitoring, select a zone from the pull-down menu.
2. Select the zone of which the operation is to be started/stopped as shown in.
3. Press the Start or Stop button.

Air conditioner group to be started or stopped

Zone Name
Collective Zone
Office
Canteen
Meeting
1F
2F
3F

Screen 1 Monitoring

Collective Zone
Office
Canteen
Meeting
1F
2F
3F

[Screen 1 Monitoring]

1. Zone List Display
2. Zone
3. Start All
4. Stop All
5. Start
6. Stop
7. Zone List Display
8. Zone
9. Start All
10. Stop All
11. Start
12. Stop
13. Zone List Display
14. Zone
15. Start All
16. Stop All
17. Start
18. Stop
19. Zone List Display
20. Zone
21. Start All
22. Stop All
23. Start
24. Stop
25. Zone List Display
26. Zone
27. Start All
28. Stop All
29. Start
30. Stop
31. Zone List Display
32. Zone
33. Start All
34. Stop All
35. Start
36. Stop
37. Zone List Display
38. Zone
39. Start All
40. Stop All
41. Start
42. Stop
43. Zone List Display
44. Zone
45. Start All
46. Stop All
47. Start
48. Stop
49. Zone List Display
50. Zone
51. Start All
52. Stop All
53. Start
54. Stop
55. Zone List Display
56. Zone
57. Start All
58. Stop All
59. Start
60. Stop
61. Zone List Display
62. Zone
63. Start All
64. Stop All
65. Start
66. Stop
67. Zone List Display
68. Zone
69. Start All
70. Stop All
71. Start
72. Stop
73. Zone List Display
74. Zone
75. Start All
76. Stop All
77. Start
78. Stop
79. Zone List Display
80. Zone
81. Start All
82. Stop All
83. Start
84. Stop
85. Zone List Display
86. Zone
87. Start All
88. Stop All
89. Start
90. Stop
91. Zone List Display
92. Zone
93. Start All
94. Stop All
95. Start
96. Stop
97. Zone List Display
98. Zone
99. Start All
100. Stop All
101. Start
102. Stop
7.2.4 Switching the Operation Mode

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

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

Selecting a zone and switching the operation mode switches the mode of all air conditioners in the zone.

Selecting a group and switching the operation mode switches the mode of air conditioners in the group selected.

[Procedure]

1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu.
2. Select with a zone or a group of which the operation mode is to be switched.
3. Press the Set/Prop button.
4. Select Set for the Operation Mode.
   Select the operation mode to be set from the pull-down menu.
   (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 example below.)
5. Press the OK button.
   (To cancel the setting, press the Cancel button.)

Ex.: For the following zone setting, the operation modes available are Fan, Cool, Heat and Auto.

<table>
<thead>
<tr>
<th>Zone name</th>
<th>Group name</th>
<th>Operation modes available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canteen</td>
<td>1F North</td>
<td>“Cool” “Air”</td>
</tr>
<tr>
<td>1F West</td>
<td>“Cool” “Heat” “Auto” “Air”</td>
<td></td>
</tr>
</tbody>
</table>

On the menu, operation modes available for air conditioners in the zone are displayed if the switching is to be made by zone.

Example:

- Cool/Heat option is not available for any air conditioner in the zone.
- Fan and Set Point are the available operation modes.
7.2.5 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. The temperature setting can be switched by zone or by group.

Selecting a zone and changing the temperature setting changes the setting of the air conditioner groups in Cool, Heat, Auto or Temp operation in the zone.

Selecting a group and changing the temperature setting changes the temperature setting of the air conditioners in the group selected.

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

[Procedure]

1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu.
2. Change the temperature setting of air conditioners.
3. On the Monitoring screen, operation is allowed with either Icon or List as the display type.
4. Selecting a zone and changing the temperature setting changes the setting of the air conditioner groups in Cool, Heat, Auto or Temp operation in the zone.
5. Selecting a group and changing the temperature setting changes the temperature setting of the air conditioners in the group selected.

Ex.: For the following zone setting, the temperature settings available are between 20° to 30°C inclusive.

<table>
<thead>
<tr>
<th>Zone name</th>
<th>Group name</th>
<th>Range of temperature settings available (see Note)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canteen</td>
<td>1F North</td>
<td>25 to 30°C</td>
</tr>
<tr>
<td></td>
<td>1F West</td>
<td>20 to 25°C</td>
</tr>
</tbody>
</table>

When the temperature setting is 30°C, the actual temperature settings for air conditioners are as shown below:

<table>
<thead>
<tr>
<th>Group name</th>
<th>Temperature setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F North</td>
<td>30°C</td>
</tr>
<tr>
<td>1F West</td>
<td>25°C</td>
</tr>
</tbody>
</table>

Note: Range of temperature settings available is the range specified in accordance with the following:

Range of temperature setting inherent to the air conditioner main unit.

Range of temperature as a result of the restriction by the temperature setting limit.

See page 34.
7.2.6 Resetting the Filter/Element Sign

Reset the filter or element sign after cleaning any air conditioner showing the filter or element sign.

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

The filter or element sign can be reset by zone or by group.

[Procedure]

1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu ①.
2. Select a zone or a group of which the filter or element sign is to be reset ②.
3. Press the Set/Prop button ③. Screen 2 Operation appears.
4. Press the Advanced Func button ④. Screen 3 Advance Function appears.
5. To reset the filter sign, select Yes for Filter Sign Reset ⑤. To reset the element sign, select Yes for Element Sign Reset ⑥. Then press the OK button ⑦. To cancel the setting, press the Cancel button. Screen 2 Operation reappears.
6. Then press the OK button ⑧ on Screen 2 Operation. To cancel the setting, press the Cancel button.
7.2.7 Changing the Direction/Fan Speed

Change the fan direction or volume of air conditioners.
On the Monitoring screen, operation is allowed with either Icon or List as the display type.
The fan 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.
2. Select a zone or a group of which the fan direction or volume is to be reset.
3. Press the Set/Prop button.
   Screen 2 Operation appears.
4. Press the Advanced Func button.
   Screen 3 Advanced Function appears.
5. To change the fan direction, select Set for Wind Direction.
   Set the direction with the pull-down menu.
   The larger the value for wind direction setting (0 - 6), the closer to vertical the direction becomes.
   The value 7 indicates automatic swing.
   (Note: See the figure below.)
   The description given above may not exactly apply depending on the model.
   Check the wind direction sign on the remote control after operation.

To change the wind volume, select Set for Wind Volume.
Select between High and Low with the pull-down menu.
Then press the OK button.
(To cancel the setting, press the Cancel button.
Screen 2 Operation reappears.

6. Then press the OK button on Screen 2 Operation.
(To cancel the setting, press the Cancel button.

Note: Guidelines for wind direction value and actual direction

![Diagram of wind direction values and actual direction]

Indoor unit

0 4 5 6
7: Wind direction auto swing
7.2.8 Changing the Range of Operation Allowed with Remote Control

**Procedure**

1. On Screen 1 Monitoring, select a zone or a group from the pull-down menu.
2. Select with a zone or a group for which the setting of the range of operation allowed with remote control is to be reset.
3. Press the Set/Prop button.
4. Press the Advanced Func button. Screen 3 Advance Function appears.
5. Press Set for R/C Mode. Then make setting with the pull-down menus. There are three settings as shown below:
   - **Start/Stop**
     - "Prohibited" - The remote control cannot start or stop operation.
     - "Stop Only" - The remote control can stop the operation of air conditioners in operation but cannot start air conditioners not in operation.
     - "Permitted" - The remote control can start or stop operation.
   - **Operation Mode**
     - "Permitted or Prohibited" - The remote control can change the operation mode.
   - **Set Point**
     - Permitted - The remote control can change the temperature setting.
     - Prohibited - The remote control cannot change the temperature setting.
6. Then press the OK button on Screen 2 Operation. (To cancel the setting, press the Cancel button.)

**Details of Setting**

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start/Stop</td>
<td>Prohibited</td>
<td>The remote control cannot start or stop operation.</td>
</tr>
<tr>
<td></td>
<td>Stop Only</td>
<td>The remote control can stop the operation of air conditioners in operation but cannot start air conditioners not in operation.</td>
</tr>
<tr>
<td></td>
<td>Permitted</td>
<td>The remote control can start or stop operation.</td>
</tr>
<tr>
<td>Operation Mode</td>
<td>Permitted</td>
<td>The remote control can change the operation mode.</td>
</tr>
<tr>
<td></td>
<td>Prohibited</td>
<td>The remote control cannot change the operation mode.</td>
</tr>
<tr>
<td>Set Point</td>
<td>Permitted</td>
<td>The remote control can change the temperature setting.</td>
</tr>
<tr>
<td></td>
<td>Prohibited</td>
<td>The remote control cannot change the temperature setting.</td>
</tr>
</tbody>
</table>
7.3 Monitoring the Operation of Air Conditioner

7.3.1 To Monitor the Operation by the Zone or Group

The display type of the operation monitor can be selected between Icon and List. To select, use the pull-down menu \( \text{①} \) to choose either Icon or List. Monitoring can be selected between by Zone and by Group. To select, use the pull-down menu \( \text{②} \) to choose either Zone or Group. The example on the left shows the following:

For Screen 1, Display type: Icon; Monitoring by: Group
For Screen 2, Display type: List; Monitoring by: Zone

[Display on the Screen]

Display area \( \text{③} \) allows monitoring the start/stop status of the zone or group, whether any error has occurred, whether automatic control is set and the status of the filter/element sign.

Moving the scroll bar \( \text{④} \) up and down changes the area that can be viewed.

When the number of zones or groups registered is small enough to be covered by the area viewed at one time, no scroll bar is shown. (Ex.: Screen 2)

The display \( \text{⑤} \) shows a legend. For more detailed legend, press the "?” button \( \text{⑥} \). Screen 3 Legend appears. To go back to the previous view, press the Close button \( \text{⑦} \).

The highlighted display \( \text{⑧} \) shows the zone or group currently selected. Touching the screen allows selecting another zone or group.

Display \( \text{⑨} \) shows the settings for the zone or group selected with \( \text{⑧} \). The settings include the following (from left):

- Zone or group name
- Temperature setting
- Operation mode

(Note): Representative unit for a zone

One group shows a representative unit when monitoring is performed by the group on the Monitoring screen as described below:

- Icon display: the leftmost group shown in the top line
- List display: the group shown in the top line

See page 36 for changing the representative unit for a zone.
### 7.3.2 Monitoring Detailed Information

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

1. Select Zone or Group from the pull-down menu. The example on the left shows Group selected.

2. Press the Set/Prop button. Screen 2 Operation appears.

When Zone is selected, on Screen 2 and on Screen 3 on the following page show the status of the representative unit for a zone. For and on Screen 3, if any of the air conditioner of the group in the zone has the filter or element sign illuminated, Yes/No here is shown in black.

The contents of Display on Screen 2 are as shown below. Obscured indication for shows the current status of the zone or group selected. Obscured indication for includes the following as the maintenance information:

<table>
<thead>
<tr>
<th>Group</th>
<th>Name</th>
<th>Type</th>
<th>ID</th>
<th>Description</th>
<th>Demand</th>
<th>Slv R/C</th>
<th>Cool/Heat Option</th>
<th>Ou/Unit Addr</th>
<th>Err Type</th>
<th>Err Code</th>
<th>Err Unit No</th>
<th>Rm Temp</th>
</tr>
</thead>
</table>

For detailed information on a zone, the indication (1) is Mst when there is any master R/C is included for air conditioners in the zone and Slv when all of them are slave R/C. The indication (2) is Enabled when any of the air conditioners in the zone has the Cool/Heat option and Disabled when none of them has the option. The indication (3) shows information on the representative unit for a zone and the error-related indications (4) show information on any air conditioner generating an error.

For monitoring further detailed information,

3. Press the Advanced Func button.

To go back to Screen 1 Monitoring, press the Cancel button.
The contents of Display on Screen 3 Advanced Operation are as shown below.

- **Filter Sign Status**
  - When Yes/No is shown in black, the filter sign is illuminated.

- **Element Sign Status**
  - When Yes/No is shown in black, the element sign is illuminated.
  - (The example on the left shows the filter sign illuminated.)

- **Shows the current wind direction.**
  - Indicated with a figure between 0 and 7 inclusive.
  - The larger the value for wind direction setting (0 - 6), the closer to vertical the direction becomes. The value 7 indicates automatic swing.
  - (Note: See below.)
  - The description given above may not exactly apply depending on the model. Check the wind direction sign on the remote control after operation.

- **Shows the current wind volume.**
  - Low or High is shown.

- **Shows the remote control setting for starting or stopping operation.**
  - One of the following is shown:
    - Prohibited
    - Stop Only
    - Permitted

- **Shows the remote control setting for the operation mode.**
  - One of the following is shown:
    - Prohibited
    - Permitted

- **Shows the remote control setting for the temperature setting.**
  - One of the following is shown:
    - Prohibited
    - Permitted

4. When all the settings have been confirmed, press the Cancel button.

Screen 2 Operation on the previous page reappears. Pressing the Cancel button on that screen brings you back to Screen 1 Monitoring.

---

**Caution**

This screen is for both operation and monitoring. When you have used the screen for monitoring only, press the Cancel button rather than the OK button to exit the window to prevent wrong operation.

Note: Guidelines for wind direction value and actual direction

![Diagram of wind direction values](image)
The System Setup menu includes the following items:

- Password Setup
- Time Zone Setup
- Time Setup
- Backlight Setup
- Group Setup
- Zone Setup
- Schedule Setup
- History Display
- Touch Panel Calibration
- Version Information

The following table describes the items mentioned above.

<table>
<thead>
<tr>
<th>System Setup Menu Item</th>
<th>Description</th>
<th>Operation (Reference)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Password Setup</strong></td>
<td>Setting a password allows restriction of access to the System Setup menu operation to specified personnel. Note: If the set password is lost, access to all System Setup menu operation is denied. Use caution not to lose the password. If it is lost, consult the dealer you purchased the product from.</td>
<td>See page 31</td>
</tr>
<tr>
<td><strong>Time Zone Setup</strong></td>
<td>It is necessary to set Time Zone of intelligent Touch Controller according to your service place. And when it is needed to set Daylight Saving Time, setting may be made by this menu. Note: Setting Time Zone Setup may affect upon schedule operation, electric proportional distribution, and demand operation. As for concrete influences, refer to the following. And as for electric proportional distribution and demand operation, refer to their respective operation manuals. Time goes ahead 60 minutes at the start of Daylight Saving Time, while time goes back 60 minutes at the completion. As for the influence, there are same influences as in the case time is made ahead and back in the following section Time Setup. Refer to the applicable description.</td>
<td>See page 32</td>
</tr>
<tr>
<td><strong>Time Setup</strong></td>
<td>Adjust the system clock (year, month, day, hour, minute and second). The clock is used for scheduled operation, saving history, power distribution (optional) and demand operation (optional). Note: Adjusting the clock may affect scheduled operation, power distribution or demand operation. For the details of the influence, see the following. For power distribution and demand operation, see the respective instruction manual as well. [Influence of changing the clock setting on scheduled operation] The operation scheduled to run at a time passed by advancing the clock is not performed. Ex.: When an air conditioner is scheduled to start at 10:00 (◯): If the time is adjusted to 10:05 at 9:55, the scheduled operation (◯) is not performed. The operation scheduled to run at a time reached again by turning back the clock is performed again. Ex.: When an air conditioner is scheduled to start at 10:00 (◯): If the time is adjusted to 9:55 at 10:05, the scheduled operation (◯) is performed again at 10:00.</td>
<td>See page 33</td>
</tr>
</tbody>
</table>
## Operation

<table>
<thead>
<tr>
<th>System Setup Menu Item</th>
<th>Description</th>
<th>Operation (Reference)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Backlight Setup</strong></td>
<td>A backlight is used for the LCD of the intelligent Touch Controller. The backlight has its service life and the luminance of the backlight is reduced in proportion to the period of time it is illuminated. This setting is for preventing the luminance from being reduced in a short time by automatically turning the backlight OFF when the touch panel has been left untouched for a set period of time. If the backlight has been turned off automatically, touching the panel illuminates the backlight again. Backlight setting includes the following two steps: 1.Set the time before the backlight is automatically turned OFF. Range: 1 - 60 minutes in increments of one minute. 2.Set whether the backlight should be automatically illuminated when any error is generated in the air conditioner while the backlight is turned OFF. Enable/Disable Note: If this setting is not made, the backlight generally requires replacement every 3 - 4 years. The life of the backlight becomes even shorter if it is illuminated in a low temperature (10°C or lower) environment for a long time. When using the intelligent Touch Controller in a low temperature environment, it is recommended that a shorter time is set for 1. above and Disabled for 2.</td>
<td>See page 33</td>
</tr>
<tr>
<td><strong>Group Setup</strong></td>
<td>Set the name, description, icons to be displayed and temperature setting limit (see Note) for the group. If this registration is not made, addresses for central management of the group is used for the Name and Description. Operation is not affected if these settings are not made. Addresses for central management include up to 64 addresses 1-00, 1-01, ...... 1-15, 2-00, ...... 4-15. (Note): The temperature setting limit is a function to allow operation only within the preset temperature limit to prevent too much cooling or heating. (The limit function above does not work when the operation mode of the air conditioners is Auto.) Ex.: Temperature setting limit: 25 - 35°C cooling If the temperature is set to 20°C with the remote control, the intelligent Touch Controller automatically changes the temperature setting to 25°C.</td>
<td>See page 34</td>
</tr>
<tr>
<td><strong>Zone Setup</strong></td>
<td>Set the name, description, icons to be displayed and sequential starting of the groups registered for a zone (see Note), and groups to be registered for the zone. The zone includes “Collective,” for which all groups are registered in advance. This zone is made available for making the settings for all of the air conditioners connected to the intelligent Touch Controller. The name, description or registered groups cannot be changed for this Collective zone. (Note): Setting sequential starting of groups registered for the zone When multiple groups are registered for a zone and operation is performed by the zone, air conditioner outdoor units start operation at one time. If many outdoor units start at the same time, a large amount of current is used momentarily, which may trip the breaker when the power capacity of the receiving device is not enough. This setting is a function to prevent such phenomenon by starting air conditioners one by one. (Memo 1): When power distribution (optional) is performed, the zone registered here becomes the unit for distribution (tenant). Register the zone setting by the tenant. (Memo 2): One group can be registered for more than one zone.</td>
<td>See pages 35 to 36</td>
</tr>
</tbody>
</table>
## Schedule Setup

**Operation (Reference)**

**System Setup Menu Item**

<table>
<thead>
<tr>
<th>Description</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Schedule Setup</strong> Menu for setting scheduled operation by zone or by group.</td>
<td><strong>Set Saturday and Sunday as Day off and Tuesday to Friday as Weekday.</strong></td>
</tr>
<tr>
<td>Scheduled operation is a function to automatically start or stop air conditioners at a certain time (year, month, day, day of week, hour, minute) preset for the intelligent Touch Controller in accordance with the operating status of air conditioners. Schedule setting includes the following steps:</td>
<td><strong>Weekly Setup</strong></td>
</tr>
<tr>
<td>- Each schedule can include four types of plans: for <strong>Weekday</strong>, <strong>Day off</strong>, <strong>Special 1</strong> and <strong>Special 2</strong>. Allocate the four types above to <strong>Weekly Setup</strong> and <strong>Calendar Setup</strong> as described below.</td>
<td><strong>Day off</strong></td>
</tr>
<tr>
<td>- Weekly Setup: set general operation schedule. (Ex.: setting for Day off for Saturdays and Sundays and setting for Weekday for days other than Saturdays and Sundays) Setting can be made for up to 13 months in advance.</td>
<td><strong>Day off</strong></td>
</tr>
<tr>
<td>- Calendar Setup: set days that do not fall within the range of Weekly Setup above. (Ex.: New Year's holidays, etc.)</td>
<td><strong>Weekday</strong></td>
</tr>
<tr>
<td>- Make Patterns Setup for the four types of plans above: for <strong>Weekday</strong>, <strong>Day off</strong>, <strong>Special 1</strong> and <strong>Special 2</strong>. (Ex.: Start operation for Zone 1 at 9:00 and stop at 17:00, etc.)</td>
<td><strong>Special 1</strong></td>
</tr>
<tr>
<td>- Up to 8 settings as described above can be made.</td>
<td><strong>Special 2</strong></td>
</tr>
</tbody>
</table>

### Specific Example

1. **[Floor Usage]**
   - 1F: Reception: 1F is registered as the zone name.
   - 2F: Office: 2F is registered as the zone name.
   - 3F: Canteen: 3F is registered as the zone name.

2. **Make Weekly Setup in accordance with the usage for one week of the zone above.**

<table>
<thead>
<tr>
<th>Zone name</th>
<th>1F</th>
<th>2F</th>
<th>3F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day of week</td>
<td>Day off</td>
<td>Day off</td>
<td>Day off</td>
</tr>
<tr>
<td>Sunday</td>
<td>Working hours: 8:30 - 17:00</td>
<td>Working hours: 9:30 - 18:00</td>
<td>Working hours: 9:30 - 14:00</td>
</tr>
<tr>
<td>Monday</td>
<td>Same as above</td>
<td>Same as above</td>
<td>Same as above</td>
</tr>
<tr>
<td>Tuesday</td>
<td>Same as above</td>
<td>Same as above</td>
<td>Same as above</td>
</tr>
<tr>
<td>Wednesday</td>
<td>Same as above</td>
<td>Same as above</td>
<td>Same as above</td>
</tr>
<tr>
<td>Thursday</td>
<td>Same as above</td>
<td>Same as above</td>
<td>Same as above</td>
</tr>
<tr>
<td>Friday</td>
<td>Same as above</td>
<td>Same as above</td>
<td>Same as above</td>
</tr>
<tr>
<td>Saturday</td>
<td>Day off</td>
<td>Day off</td>
<td>Day off</td>
</tr>
</tbody>
</table>

3. **Make Calendar Setup for special usage other than the weekly usage of the zone above.**

<table>
<thead>
<tr>
<th>Zone name</th>
<th>1F</th>
<th>2F</th>
<th>3F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day of week</td>
<td>Day off</td>
<td>Day off</td>
<td>Day off</td>
</tr>
<tr>
<td>Third Saturday of each month</td>
<td>Workday: regarded as Weekday.</td>
<td>Workday: regarded as Weekday.</td>
<td>Workday: regarded as Weekday.</td>
</tr>
<tr>
<td>Apr. 30 - May 5</td>
<td>Day off</td>
<td>Day off</td>
<td>Day off</td>
</tr>
<tr>
<td>Aug. 10 - Aug. 15</td>
<td>Day off</td>
<td>Day off</td>
<td>Day off</td>
</tr>
<tr>
<td>Dec. 28</td>
<td>9:00 - 12:00</td>
<td>9:00 - 12:00</td>
<td>Day off</td>
</tr>
<tr>
<td>Jan. 5</td>
<td>10:00 - 15:00</td>
<td>Working hours: 10:00 - 15:00</td>
<td>10:00 - 14:00</td>
</tr>
</tbody>
</table>
### System Setup

#### Menu Item Description

**Schedule Setup**

4. **[Make Pattern Setup for Weekday, Day off, Special 1 and Special 2.]**

   (Note): The patterns shown below are examples. Make settings in accordance with the actual usage.

<table>
<thead>
<tr>
<th>Pattern Setup for Weekday</th>
<th>Hour</th>
<th>Zone concerned</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Temperature setting</th>
<th>R/C mode</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8:30</td>
<td>Zone 1F</td>
<td>Start</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Permitted</td>
</tr>
<tr>
<td></td>
<td>9:00</td>
<td>Zone 2F</td>
<td>Start</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Permitted</td>
</tr>
<tr>
<td></td>
<td>9:30</td>
<td>Zone 3F</td>
<td>Start</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Permitted</td>
</tr>
<tr>
<td></td>
<td>12:00</td>
<td>Zone 2F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
<tr>
<td></td>
<td>13:00</td>
<td>Zone 2F</td>
<td>Start</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Permitted</td>
</tr>
<tr>
<td></td>
<td>14:00</td>
<td>Zone 3F</td>
<td>Start</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
<tr>
<td></td>
<td>17:00</td>
<td>Zone 1F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
<tr>
<td></td>
<td>18:00</td>
<td>Zone 2F</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Stop Only</td>
</tr>
<tr>
<td></td>
<td>22:00</td>
<td>Zone 2F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
</tbody>
</table>

Disabled means no change.

**Pattern Setup for Day off**

<table>
<thead>
<tr>
<th>Hour</th>
<th>Zone concerned</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Temperature setting</th>
<th>R/C mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Zone 2F</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Permitted</td>
</tr>
<tr>
<td>17:00</td>
<td>Zone 2F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
</tbody>
</table>

Disabled means no change.

**Pattern Setup for Special 1**

<table>
<thead>
<tr>
<th>Hour</th>
<th>Zone concerned</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Temperature setting</th>
<th>R/C mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Zone 1F</td>
<td>Start</td>
<td>Heat</td>
<td>25°C</td>
<td>Permitted</td>
</tr>
<tr>
<td>9:00</td>
<td>Zone 2F</td>
<td>Start</td>
<td>Heat</td>
<td>25°C</td>
<td>Permitted</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prohibited</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prohibited</td>
</tr>
<tr>
<td>12:00</td>
<td>Zone 1F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
<tr>
<td>12:00</td>
<td>Zone 2F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
</tbody>
</table>

Disabled means no change.

**Pattern Setup for Special 2**

<table>
<thead>
<tr>
<th>Hour</th>
<th>Zone concerned</th>
<th>Start/Stop</th>
<th>Operation mode</th>
<th>Temperature setting</th>
<th>R/C mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00</td>
<td>Zone 1F</td>
<td>Start</td>
<td>Heat</td>
<td>25°C</td>
<td>Permitted</td>
</tr>
<tr>
<td>10:00</td>
<td>Zone 2F</td>
<td>Start</td>
<td>Heat</td>
<td>25°C</td>
<td>Permitted</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prohibited</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prohibited</td>
</tr>
<tr>
<td>10:00</td>
<td>Zone 3F</td>
<td>Start</td>
<td>Heat</td>
<td>25°C</td>
<td>Permitted</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prohibited</td>
</tr>
<tr>
<td>12:00</td>
<td>Zone 2F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
<tr>
<td>13:00</td>
<td>Zone 2F</td>
<td>Start</td>
<td>Heat</td>
<td>25°C</td>
<td>Permitted</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prohibited</td>
</tr>
<tr>
<td>14:00</td>
<td>Zone 3F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
<tr>
<td>15:00</td>
<td>Zone 1F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
<tr>
<td>15:00</td>
<td>Zone 2F</td>
<td>Stop</td>
<td>Disabled</td>
<td>Disabled</td>
<td>Prohibited</td>
</tr>
</tbody>
</table>

Disabled means no change.

Set whether the set schedule is enabled or disabled.

---

See pages 38 to 40.
### System Setup Menu Item

<table>
<thead>
<tr>
<th>Menu Item</th>
<th>Description</th>
<th>Operation (Reference)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>History Display</strong></td>
<td>This menu shows the time when record is made in addition to the following. Use this to see if the scheduled operation set is properly performed or if errors are generated often in any specific air conditioner. 1. Generation and resetting of an error in air conditioners 2. Generation and resetting of an error in the system. 3. History concerning scheduled operation 4. History concerning zone registration 5. History concerning change of clock setting 6. History concerning the time at which the intelligent Touch Controller is turned ON. 7. History concerning power distribution (optional) 8. History concerning demand (optional) Up to 300 records can be made altogether.</td>
<td>See page 41</td>
</tr>
<tr>
<td><strong>Touch Panel Calibration</strong></td>
<td>Menu for adjusting the positions of buttons on the touch panel used as the screen of the intelligent Touch Controller. If a phenomenon such as “the intelligent Touch Controller does not recognize the pressing on the button shown on the screen” repeatedly occurs, use this menu to calibrate the touch panel.</td>
<td>See page 41</td>
</tr>
<tr>
<td><strong>Version information</strong></td>
<td>This provides maintenance information. The menu shows the version number of the software for the intelligent Touch Controller currently used.</td>
<td>See page 42</td>
</tr>
</tbody>
</table>
### 7.4.2 System Setup Menu Operation

<table>
<thead>
<tr>
<th>Screen 1 Monitoring Screen</th>
<th>Screen 2 System Setup Menu</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Screen 1 Monitoring Screen" /></td>
<td><img src="image2.png" alt="Screen 2 System Setup Menu" /></td>
</tr>
</tbody>
</table>

1. **Press the S button** on Screen 1 Monitoring.
2. **Screen 2 System Setup Menu** (see lower left) appears. If a password is set, the screen does not appear unless the password is entered.
3. **Select an item from the System Setup Menu.**
   - **3-1.** Click the item to be set and press the Execute button. The example on the left shows the appearance of the screen for password setup.
   - **3-2.** The setting screen selected appears.
   - **3-3.** When the setting has been made on the setting screen, press Exit (OK) or cancel. Detailed operation is described in the following items.
   - **3-4.** Screen 2 reappears. The setting selected is complete.
4. **If another item is to be set, repeat the operation in 3-1 - 3-4.** If there is no more item to be set, press the Exit button. Screen 1 Monitoring screen reappears.

The following pages describe the System Setup operation in order.
1. Select Password Setup as described on page 30.

2. Screen 1 Password Setup, which is shown on the left, appears.

3. Select Enable or Disable for password Protection. If Disable is selected, press the Exit button. The setting is completed. If Enable is selected, Screen 2 Enter Password appears. Perform following operation in 4 to 7.

4. Use the keyboard on the panel to enter the password. Note: Password is case-sensitive (see ⑤). Use caution and enter the exact password. A password can be as long as 32 characters. When a wrong character is entered by mistake, press the Back Space button. ⑥

5. When the setting has been made, press the OK button. Pressing the Cancel button is equal to setting Disable for Password Protection. ⑦

6. For confirmation, Please reenter Password screen appears. Enter the password as described in 4. Screen 3 appears.

7. Pressing the Exit button completes the setting. (Memo): To change the password, press the Modify Password button and repeat the operation in 4 - 7 above.
1. Select Time Zone Setup in the operating method shown in page 30.

2. The screen 1 at the left figure, Time Zone Setup screen is displayed.

3. Press pull down menu, and select Time Zone of your service place.

4. Then set Daylight Saving Time. Select by whether to carry out or not to carry out Daylight Saving Time. When you select "Deactivate" here, carry out the operation 6., and this menu is completed.

5. When you select "Activate" in the above 4, set the begin date by in the order of "Month", "Week", "Day of the Week", and "Hour". In the same manner, set the finish date by in the order of "Month", "Week", "Day of the Week", and "Hour".

6. After setting, press OK button. The screen 2, confirmation screen is displayed.

7. Read the Note in page 25, and if there is no problem with change, press OK button. Now Time Zone Setup is completed. When not to carry out setup, press the "CANCEL" button.

Caution
When you change the setting of Time Zone in the above 3., there may be discrepancy between the time of the clock inside of intelligent Touch Controller and the current time, set the time once again in accordance with Time Setup shown in the next page.
### Time setup

1. Select Time Setup as described on page 30.
2. Screen 1 Time Setup, which is shown on the left, appears.
3. Press the ▲ or ▼ button to set the year, month, day, hour, minute and second.
4. When the setting has been made, press the OK button.
   - Screen 2 Confirmation appears.
5. See the Note on page 25. If changing the time setting causes no problem, press the OK button. Time setup is complete.
   - To cancel setting, press the Cancel button.

### Backlight setup

1. Select Backlight Setup as described on page 30.
2. Screen 1 Backlight Setup, which is shown on the left, appears.
3. Press Enable or Disable for Backlight Auto Off
   - If you select Disabled, go to step 6.
4. Press the ▲ or ▼ button to set the time before auto OFF is activated.
5. Set whether the backlight should be automatically turned ON when any error is generated in air conditioners by selecting Enable or Disable.
6. Press the OK button.
   - To cancel the setting, press the Cancel button.
1. Select Group Setup as described on page 30.
2. Screen 1 Group Setup, which is shown on the left, appears.
3. Select the group to be set with ①.
4. Press the Modify name button ②. Screen 2 Enter Group Name appears. Use the keyboard on the panel to enter the name in such a way that it is contained in the area ③.
   If it is not contained in the area, reduce the number of characters and reenter.
5. Press the Modify Description button ④ and enter the name as shown in step 4 above.
6. Press the Up or Dn button ⑤ to select an icon. The selection of icon does not affect the operation of the group.
7. Press the Temperature Limits button ⑥. Screen 3 Temp Limit appears. Select Yes or No ⑦ for Limits Setup for the group currently selected. If you select Yes, set the limits by pressing the ⑧ or ⑨ button and then press the OK button ⑩. Screen 1 Group Setup reappears.
8. Select the position with the Down or Up button ⑪ for showing the group currently selected within the zone.
9. Press the OK button ⑫. To cancel the setting, press the Cancel button.
1. Select Zone Setup as described on page 30.

2. Screen 1 Zone Setup, which is shown on the left, appears.

3. To add a zone, press the Add button. A zone is added with the name Z-000. To modify the zone, select with the zone to be modified.

4. Press the Modify name button. Screen 2 Enter Group Name appears. Use the keyboard on the panel to enter the name in such a way that it is contained in the area. If it is not contained in the area, reduce the number of characters and reenter.

5. Press the Modify Description button and enter the name as shown in step 4 above.

6. Press the Up or Dn button to select an icon. The selection of icon does not affect the operation of the group.

7. For operation by the zone, to start the groups in the zone one by one rather than at one time, press the Enable button for Interval Start. To start the groups at one time, press Disable. If you select Enable, set the interval with the + or – button.

(Note) For the zone Collective, the factory setting is Enable for Interval Start and 2 (seconds) for Interval.

[How to use the keyboard]

Button to select between uppercase and lowercase.
Button to correct wrong entries made. Pressing one time deletes one character leftward starting at the cursor.
Button to move the cursor.
Button to change the select range of the characters to be converted.
When all entries have been made, press the OK button. To cancel, press the Cancel button. Screen 1 Group Setup reappears.
8. Set the groups to be registered for the zone currently selected. Press the Edit registered Group button on Screen 1 on the previous page. Screen 3 Registered Groups Edit appears.
   To add a group to the zone, select the group to be added with and press the << button.
   To delete a group registered for a zone, select the group to be deleted with and press the >> button.
   The Up or Down button allows changing the order in display of groups in the zone currently selected on the Monitoring screen.
   The group shown on the top is the representative unit for the zone.
   In the example of Screen 3 shown on the left, 1F Lobby is the representative unit for the zone 1F.
   When all editing has been completed, press the OK button.
   To cancel the setting, press the Cancel button.
   Screen 1 Zone Setup reappears.

9. Press the OK button.
   (To cancel the setting, press the Cancel button.)
1. Select Schedule Setup as described on page 30. Before setting schedule, see page 27 to organize the schedule to be set.

2. Screen 1 Schedule Setup, which is shown on the left, appears.

3. Select with (①) the schedule to be set or modified. When the schedule is enabled, disable it temporarily. No setting can be made while the schedule is enabled.

4. Select with (①) the item to be modified. See the following pages for the procedure for each of the item to be selected.

   Weekly Setup : this page
   Calendar Setup : this page
   Pattern Setup : pages 38 and 39
   Edit Schedules : page 40

   The following steps show the procedure for make settings newly.

5. Select Weekly Setup with (①), Screen 2 Weekly Setup appears. Set the general weekly usage on this screen. Weekday is set for every day of week as default. Select with (①) the day of week to be modified and select the pattern for the day with (②). When setting for all days of week has been completed, press the OK button (①). Screen 1 Schedule Setup reappears.

6. Select Calendar Setup with (①) on Screen 1. Screen 3 Calendar Setup appears. Set special schedule other than the general weekly usage. (Ex.: End of year, beginning of the year, etc. Before setting special days, the settings are as made with Weekly Setup in step 5. Select with (①) the month to be modified and select with (②) the day to be modified. Select the pattern for the day with (②). Setting can be made for up to 13 months in advance.

   Memo: Symbols ①, ② and ③ given to the date in the calendar shows the following:

   ○: Day set as a Day off
   □: Day set as a Special 1
   ■: Day set as a Special 2

   Days without any of the symbols above are set as Weekday.

   When the setting has been completed, press the OK button (①). Screen 1 Schedule Setup appears.
7. Select Pattern Setup with on Screen 1 shown on the previous page. Screen 4 Schedule Pattern Setup appears. On this screen, set the actual scheduled operation for four types of plans for Weekday, Day off, Special 1 and Special 2. First, select with the pull-down menu the days out of the four above for which the operation pattern is to be set. The example of Screen 4 on the left shows Week day selected.

The descriptions of the buttons are as follows:
- **Add**: Press this button to set new operation.
- **Copy**: Use this button to set operation similar to operation already set. Select with the operation already set. Pressing the Copy button copies the operation.
  (The display of characters turns yellow. Modify the copied operation by pressing the Modify button described below.)
- **Modify**: Use this button to modify operation already registered. Select with the operation to be modified and Press the Modify button.
- **Delete**: Use this button to delete operation already registered. Select with the operation to be deleted and Press the Delete button.
- **Edit Pattern**: This function is similar to Copy described above. The button is for copying the operation set for certain Weekday, Day off, Special 1 and Special 2 to other Weekday, Day off, Special 1 and Special 2.

Pressing the Edit Pattern button shows Screen 5 Schedule Pattern Edit.

Select the source day with and the destination with . In the example shown on the left, the source is Week day and the destination is Special 2. Then select with the operation to be copied and press the > button. This copies the operation No. 01 for Week day to Special 2. Pressing the >> button copies all operation for Week day is copied to Special 2.

The < button is for deleting what is copied by mistake. Select with the operation copied by mistake and press the < button.

When the setting has been made, press the OK button. Screen 4 Schedule Pattern Setup reappears.

This completes the descriptions of the buttons. Make actual settings.

To set new operation, press the Add button. To modify operation already set, select with the operation to be modified and press the Modify button.

Screen 6 Schedule Setup: Event Setup, which is shown on the following page, appears.
8. Shows the settings of the operation to be added or modified.

The following describes the settings available:

- Event Time: Time at which the set operation is performed.
  Procedure: Press the Modify button. With the keyboard that appears, enter the time to be registered.
- Control Target: The zone or group of air conditioners to be operated.
  Procedure: Press the Modify button and select the zone or group for which scheduled operation is to be applied.
- Start/Stop: Set Start/Stop/Ignore. Ignore means there will be no change between Start/Stop.
  Procedure: Select the option with the pull-down menu.
- Set Temp: Temperature to be set for the zone or group. Ignore means there will be no change in temperature setting.
  Procedure: Press the Modify or Ignore button. Pressing the Modify button shows the keyboard for registering the temperature. Enter the value.
- Ope Mode: Operation mode to be set for the zone or group. Select between Cool, Heat, Auto, Fan and Disabled. If none of the air conditioners in the zone has the Cool/Heat option, the setting is Set Point, Fan and Disabled.
  Set Point: Cool or Heat. It means to be in line with the Cool or Heat operation mode set for the air conditioner with the Cool/Heat option.
  Disable: There will be no change in the operation mode.
  Procedure: Select with the pull-down menu.
- R/C: Select between Inhibited and Permitted for the operation of the remote control. Disable means no change in the remote control mode.
  Procedure: Make the setting for Start/Stop with the pull-down menu and select between Yes and No for the temperature setting and for changing the operation mode.

When all settings have been made, press the OK button. Screen 4 shown on the previous page reappears.

To make additional settings, repeat the operation described in steps 7 and 8. When the settings have been made, press the OK button on Screen 4 shown on the previous page.

Screen 1 Schedule Setup shown on page 37 reappears.
This section describes useful functions for making settings by the schedule, copying to other schedule or deleting.

Press the Edit Schedule button on Screen 1 Schedule Setup shown on page 37. Screen 7 Schedules Edit screen, which is shown on the left, appears.

(To copy)
Select the source schedule with and destination schedule with .

In the example on the left, Schedule 1 is selected as the source schedule and Schedule 2 as the destination schedule. Then select with the pull-down menu the setting for Schedule 1 to be copied. The options include:
- Overwrite All
- Overwrite Only Calendar-weekly
- Overwrite Only Calendar

When one options has been selected, press the Apply button . The press the OK button to complete. (To cancel, press the Cancel button.) Screen 1 Schedule Setup shown on page 37 reappears.

(To delete)
Select with the schedule to be deleted. Then select with the pull-down menu the setting for Schedule 1 to be deleted. The options include:
- Deleted All
- Delete Only Calendar-weekly
- Delete Only Calendar

When one options has been selected, press the Apply button . The press the OK button to complete. (To cancel, press the Cancel button.) Screen 1 Schedule Setup shown on page 37 reappears.

Switch between Enabled/Disabled for the schedule.
On Screen 1 Schedule Setup shown on page 37, operate as follows:
Select with the schedule for which Enabled/Disabled is to be switched. Then switch with between Enabled and Disabled.

Complete the schedule menu.
On Screen 1 Schedule Setup on page 37, operate as follows:
Press the OK button . Screen 2 System Setup Menu shown on page 30 reappears and schedule setup is completed.
Screen 1 History Display

1. See page 30 and select History Display.
2. Screen 1 History Display, which is shown on the left, appears.
3. To update the history, press the Latest Refresh button (1). When the History Display screen is opened from the System Setup Menu, history is once updated. However, it is not updated while the History Display is open. Pressing this button allows updating of the history to the latest one.
4. Use the pull-down menu (2) to show the history classified according to the following items:
   - All History
     Shows all history recorded in the intelligent Touch Controller in the order of occurrence.
   - Controller History
     - History of errors in air conditioners
     - History of errors in centrally-controlled device.
   - Schedule History
     History of scheduled operation performed
5. When checking of the history has been finished, press the Exit button (3).

(Memo): Up to 300 items can be recorded in history.
When the number of items exceeds 300, the oldest ones are deleted in order. Recorded items in history cannot be deleted.

Screen 1 Touch Panel Calibration

1. See page 30 and select Touch Panel Calibration.
2. Screen 1 Touch Panel Calibration, which is shown on the left, appears.
3. Follow the instruction shown on the screen and press the intersection of the crosshairs (1) and keep it pressed for about 1 second.
4. The crosshairs are moved. Repeat the operation described in step 3 on a total of five points. When calibration is finished, the System Setup automatically appears within 30 seconds.
1. See page 30 and select Version Information.

2. Screen 1 Version Information, which is shown on the left, appears. The figure on the left shows an example. It may be different from the actual version.

3. When the version number has been checked, press the Exit button.
7.5 Maintenance

7.5.1 Maintenance

**LCD Maintenance**

- When the surface of the LCD or the main unit of the intelligent Touch Controller is soiled, wipe the soil off with a piece of cloth soaked in a diluted neutral detergent and wrung sufficiently.

- Do not use thinner, organic solvent, strongly acid solution, etc.
- Be sure to use the touch pen provided to operate the LCD touch panel.
  Do not use pointed objects such as mechanical pencils for operation.
  Using pointed objects may cause damage or failure.

**Note**

**7.5.2 When Leaving the Product Turned OFF for Long Time**

When you leave the intelligent Touch Controller turned OFF for a long time (6 months or longer), turn the switch OFF to maintain the battery.

- The intelligent Touch Controller has a built-in battery for operating the clock in power failure.
  The battery mentioned above is for power failure only and it may be completely discharged if no power is provided for a long time.
  (The capacity is worth about 2 years of in total if no power is supplied.)
- To use the intelligent Touch Controller again, turn the switch ON.

[Setting the switch]
Open the maintenance door on the right side of the intelligent Touch Controller and turn the switch shown below ON or OFF.
(Turning this switch OFF does not erase the settings for groups, zones or schedule.)

1. Open the maintenance door.
2. When leaving the controller turned OFF for a long time, turn switch “1” to OFF.
   To use the controller again, turn the switch “1” to ON.

**Caution**

If electric components in the intelligent Touch Controller are charged with static electricity, it may cause failure.
Be sure to discharge the static electricity accumulated in your body before attempting any operation.
To discharge yourself, touch a grounded metal object (control panel, etc.).

**Note**

Do not touch other switches.
Close the door after setting.
## Troubleshooting

### 7.6.1 Before Having the Product Serviced

<table>
<thead>
<tr>
<th>Item</th>
<th>Description and Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>The screen of the intelligent Touch Controller does not change from the display shown below.</td>
<td>The screen shown on the left is the initial screen generally shown when the power of the intelligent Touch Controller is turned OFF and back ON. Usually, this screen is switched to the Monitoring screen in 2 - 3 minutes. If the screen shown on the left does not change after 5 minutes, there may be problem in communication with air conditioners. Make sure that the air conditioners are turned ON.</td>
</tr>
<tr>
<td>The display of the intelligent Touch Controller has gone out.</td>
<td>When Backlight Auto OFF is set for Backlight Setup of the intelligent Touch Controller, the light goes out if the screen is left untouched for a certain time. Touch the screen with the pen provided. The display comes back on.</td>
</tr>
<tr>
<td>The backlight does not go out when Backlight auto OFF is set.</td>
<td>Backlight Auto OFF is a function to automatically turn the backlight OFF if it is left untouched for a certain time. If the display is Set/Prop, System Setup, etc., the light does not go out automatically.</td>
</tr>
<tr>
<td>The intelligent Touch Controller cannot be operated or monitoring is not available.</td>
<td>Open the maintenance door on the right side of the intelligent Touch Controller and press the switch shown in the figure below. Pressing this switch initialize the intelligent Touch Controller. Pressing this switch does not erase the settings for groups, zones or schedule.</td>
</tr>
</tbody>
</table>

![Diagram](image)

**Note**

Do not touch other switches. Close the door after setting.

**Caution**

If electric components in the intelligent Touch Controller are charged with static electricity, it may cause failure. Be sure to discharge the static electricity accumulated in your body before attempting any operation. To discharge yourself, touch a grounded metal object (control panel, etc.).
<table>
<thead>
<tr>
<th>Item</th>
<th>Description and Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>On the Monitoring screen, buzzer sounds when an area not allocated</td>
<td>The intelligent Touch Controller is designed in such a way that the buzzer sounds when any part of the screen is pressed. It is normal.</td>
</tr>
<tr>
<td>for operation is pressed.</td>
<td></td>
</tr>
<tr>
<td>The screen flickers at a regular interval.</td>
<td>While the Monitoring screen is shown, the screen is updated every 3 seconds to show the latest status of air conditioners. The screen may look flickering when the update is made. It is normal.</td>
</tr>
<tr>
<td>Touching the screen of the intelligent Touch Controller does not</td>
<td>Updating of the display may take some time depending on the communication status with the air conditioners connected. Update is completed in a few seconds.</td>
</tr>
<tr>
<td>change the display soon.</td>
<td></td>
</tr>
<tr>
<td>LCD</td>
<td>There may be found some dots that are never illuminated or always illuminated on a certain part of the LCD of the intelligent Touch Controller. It is normal.</td>
</tr>
<tr>
<td>On the Zone Monitoring screen of the intelligent Touch Controller,</td>
<td>On the Zone Monitoring screen, the filter or element sign shown is not turned out unless the filter or element signs for all of the air conditioners in the zone are reset. Check for any air conditioner showing cleaning sign apart from the air conditioners cleaned in the zone.</td>
</tr>
<tr>
<td>a filter or element sign was shown for a certain zone.</td>
<td></td>
</tr>
<tr>
<td>Cleaning the filter or element of air conditioners and resetting the</td>
<td>Cleaning the filter or element of air conditioners and resetting the cleaning sigh with a remote control does not turn out the filter or element sign.</td>
</tr>
<tr>
<td>cleaning sigh with a remote control does not turn out the filter or</td>
<td></td>
</tr>
<tr>
<td>element sign.</td>
<td></td>
</tr>
<tr>
<td>Pressing an operation button on the screen of the intelligent</td>
<td>The positions of buttons on the touch panel may be shifted over time. See page 41 and perform touch panel calibration.</td>
</tr>
<tr>
<td>Touch Controller sounds the buzzer but operation is not accepted.</td>
<td></td>
</tr>
<tr>
<td>The intelligent Touch Controller does not allow setting of</td>
<td>When iPU, BAC net Gateway is connected, Permitted/Inhibited setting of the remote control cannot be made with the intelligent Touch Controller. When double intelligent Touch Controller control is performed, one of the two intelligent Touch Controllers cannot make Permitted/Inhibited setting.</td>
</tr>
<tr>
<td>Permitted/Inhibited of the remote control.</td>
<td></td>
</tr>
<tr>
<td>An air conditioner to be connected to the intelligent Touch</td>
<td>When adding an air conditioner to be connected to the intelligent Touch Controller, trial running of the intelligent Touch Controller, as well as of the air conditioner, is required. When trial running of the intelligent Touch Controller has not been performed, contact our representative.</td>
</tr>
<tr>
<td>Controller has been added but the added air conditioner cannot be</td>
<td></td>
</tr>
<tr>
<td>monitored on the Monitoring screen of the intelligent Touch</td>
<td></td>
</tr>
<tr>
<td>Controller.</td>
<td></td>
</tr>
</tbody>
</table>
Is the indication System Ctal Mng on the Monitoring screen, as shown below?

This indication is shown in the following cases.

When iPU, BAC net Gateway is connected to the intelligent Touch Controller, the low order control inhibit setting is available for iPU, BAC net Gateway.

The lower order control inhibit is a setting that inhibits operation of air conditioners from the intelligent Touch Controller central management controller and ON/OFF controller and enables commands from iPU, BAC net Gateway only. When this setting is made, System Ctal Mng indication is shown on the intelligent Touch Controller.

When the setting is released, the System Ctal Mng indication disappears and operation with the intelligent Touch Controller becomes available.

### Item Description and Corrective Action

<table>
<thead>
<tr>
<th>Item</th>
<th>Description and Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collective Operation, Start and Stop buttons are not shown on the Monitoring screen of the intelligent Touch Controller and operation of air conditioners is made impossible.</td>
<td>Pressing the Set/Prop button on the screen shown above shows the screen below, which displays detailed information on air conditioners. Operation of air conditioners is not available.</td>
</tr>
</tbody>
</table>
Is the indication System Compulsory Stop on the Monitoring screen, as shown below? This indication is shown in the following cases.

When compulsory stop command is input to central management devices (central remote controller, ON/OFF controller, etc.) including the intelligent Touch Controller, the indication appears. Inputting compulsory command stops all air conditioners connected to the central management device. While the command is input, neither the central management devices nor remote control can operate air conditioners.

When the compulsory stop input command is canceled, the System Compulsory Stop disappears, which allows control with the intelligent Touch Controller.

Pressing the Set/Prop button on the screen shown above shows the screen below, which displays detailed information on air conditioners. Operation of air conditioners is not available. (Operation other than starting (changing temperature setting, etc.) can be performed with the remote control.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description and Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collective Operation, Start and Stop buttons are not shown on the Monitoring screen of the intelligent Touch Controller and operation of air conditioners is made impossible.</td>
<td>Is the indication System Compulsory Stop on the Monitoring screen, as shown below? This indication is shown in the following cases. When compulsory stop command is input to central management devices (central remote controller, ON/OFF controller, etc.) including the intelligent Touch Controller, the indication appears. Inputting compulsory command stops all air conditioners connected to the central management device. While the command is input, neither the central management devices nor remote control can operate air conditioners. When the compulsory stop input command is canceled, the System Compulsory Stop disappears, which allows control with the intelligent Touch Controller. Pressing the Set/Prop button on the screen shown above shows the screen below, which displays detailed information on air conditioners. Operation of air conditioners is not available. (Operation other than starting (changing temperature setting, etc.) can be performed with the remote control.)</td>
</tr>
</tbody>
</table>
### 7.6.2 Emergency Procedure for intelligent Touch Controller Failure

<table>
<thead>
<tr>
<th>Item</th>
<th>Description and Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Failure occurs in the intelligent Touch Controller while the remote control is disabled with the intelligent Touch Controller and start/stop setting, etc. of air conditioners cannot be made.</td>
<td>As a temporary measure before our service personnel investigates into the problem, turn OFF the power supply breaker of the intelligent Touch Controller. This allows all kinds of operation with the remote control of air conditioners in about 5 minutes. When there is any other central management device, turn the power OFF for all of the devices.</td>
</tr>
</tbody>
</table>
### Difficultly in Viewing

<table>
<thead>
<tr>
<th>Item</th>
<th>Description and Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viewing the intelligent Touch Controller screen is difficult and contrast adjustment is required.</td>
<td>The contrast of the intelligent Touch Controller is factory set in such a way that viewing is easiest when it is installed at the height of eyes. If it is not easy to view the screen due to the actual installation conditions or ambience temperature, adjust the contrast as shown below. <strong>[Adjusting the Contrast]</strong> Open the maintenance door on the right side of the intelligent Touch Controller. Turn with a precision Phillips screwdriver the volume shown in the figure below until it is easy to view the screen.</td>
</tr>
</tbody>
</table>

#### Note
- The volume is a precision part. Do not apply too much torque when turning it.
- Do not touch the volume switch. It may cause failure.
- Be sure to close the door after adjustment.

#### Caution
- Do not touch other switches. Close the door after setting.

If electric components in the intelligent Touch Controller are charged with static electricity, it may cause failure. Be sure to discharge the static electricity accumulated in your body before attempting any operation. To discharge yourself, touch a grounded metal object (control panel, etc.).
## 8. Error Diagnostic Functions

<table>
<thead>
<tr>
<th>Run lamp</th>
<th>Check indication</th>
<th>Unit No.</th>
<th>Error code</th>
<th>Error</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>A0</td>
<td>Indoor unit</td>
<td>External protection device error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>A1</td>
<td>Indoor unit</td>
<td>PCB assembly failure</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>A1</td>
<td>Indoor unit</td>
<td>Drain level system error (33H)</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>A3</td>
<td>Indoor unit</td>
<td>Fan motor (51F) locked, overload</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>A7</td>
<td>Indoor unit</td>
<td>Wind direction adjusting motor (MA) error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>A9</td>
<td>Indoor unit</td>
<td>Electronic expansion valve drive (20E) error</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>A9</td>
<td>Indoor unit</td>
<td>Faulty drain</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>AH</td>
<td>Indoor unit</td>
<td>No-maintenance filter error</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>AH</td>
<td>Indoor unit</td>
<td>Dust collector error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>AJ</td>
<td>Indoor unit</td>
<td>Capacity setting error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>C4</td>
<td>Indoor unit</td>
<td>Liquid pipe thermistor (Th2) error (insufficient contact/disconnection/short circuit/fault)</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>C5</td>
<td>Indoor unit</td>
<td>Gas pipe thermistor (Th3) error (insufficient contact/disconnection/short circuit/fault)</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>C9</td>
<td>Indoor unit</td>
<td>Suction air thermistor (Th1) error (insufficient contact/disconnection/short circuit/fault)</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Illuminated</td>
<td>C9</td>
<td>Indoor unit</td>
<td>Remote control sensor error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>C1</td>
<td>Outdoor unit</td>
<td>Protection device activated</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>C3</td>
<td>Outdoor unit</td>
<td>Outdoor unit high pressure switch activated</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>E1</td>
<td>Outdoor unit</td>
<td>PCB assembly failure</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>E3</td>
<td>Outdoor unit</td>
<td>Outdoor unit high pressure switch activated</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>E4</td>
<td>Outdoor unit</td>
<td>Outdoor unit low pressure switch activated</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>E9</td>
<td>Outdoor unit</td>
<td>Outdoor unit electronic expansion valve drive (20E) error</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>E9</td>
<td>Outdoor unit</td>
<td>Inlet water temperature interlock activated (Air operation)</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>EC</td>
<td>Outdoor unit</td>
<td>Outdoor unit ice thermal storage unit error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>E3</td>
<td>Outdoor unit</td>
<td>Outdoor unit discharge pipe temperature error</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>E3</td>
<td>Outdoor unit</td>
<td>Outdoor unit high pressure switch activated</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>E4</td>
<td>Outdoor unit</td>
<td>Outdoor unit low pressure switch activated</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>H9</td>
<td>Outdoor unit</td>
<td>Outdoor air thermistor (Th1) error (insufficient contact/disconnection/short circuit/fault)</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>H9</td>
<td>Outdoor unit</td>
<td>Outdoor air thermistor (Th1) error (insufficient contact/disconnection/short circuit/fault)</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>HF</td>
<td>Outdoor unit</td>
<td>Outdoor unit water temperature sensor system error</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>HF</td>
<td>Outdoor unit</td>
<td>Ice thermal storage unit error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>J3</td>
<td>Outdoor unit</td>
<td>Outdoor unit high pressure switch activated</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>J1</td>
<td>Outdoor unit</td>
<td>Pressure sensor error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>J3</td>
<td>Outdoor unit</td>
<td>Discharge pipe thermistor (Th3) error (insufficient contact/disconnection/short circuit/fault)</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>J3</td>
<td>Outdoor unit</td>
<td>Discharge pipe thermistor (Th3) error (insufficient contact/disconnection/short circuit/fault)</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>J5</td>
<td>Outdoor unit</td>
<td>Suction pipe thermistor (Th4) error (insufficient contact/disconnection/short circuit/fault)</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>J6</td>
<td>Outdoor unit</td>
<td>Heat exchanger thermistor (Th2) error</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>J6</td>
<td>Outdoor unit</td>
<td>Heat exchanger thermistor (Th2) error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>J8</td>
<td>Outdoor unit</td>
<td>Discharge pipe pressure sensor error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>J8</td>
<td>Outdoor unit</td>
<td>Suction pipe pressure sensor error</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Turned OFF</td>
<td>J8</td>
<td>Outdoor unit</td>
<td>Oil temperature sensor error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>L0</td>
<td>Outdoor unit</td>
<td>Inverter system error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>L4</td>
<td>Outdoor unit</td>
<td>Inverter cooling error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>L5</td>
<td>Outdoor unit</td>
<td>Compressor motor earth fault, short circuit, power unit short circuit</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>L6</td>
<td>Outdoor unit</td>
<td>Compressor motor earth fault, short circuit</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>L8</td>
<td>Outdoor unit</td>
<td>Compressor overload, compressor motor disconnection</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>L9</td>
<td>Outdoor unit</td>
<td>Compressor locked</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>LA</td>
<td>Outdoor unit</td>
<td>Power unit error</td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>LC</td>
<td>Outdoor unit</td>
<td>Communication error between inverter and outdoor control unit</td>
</tr>
<tr>
<td>Illuminated or turned OFF</td>
<td>Flickering</td>
<td>MB</td>
<td>Communication error between central management devices</td>
<td></td>
</tr>
<tr>
<td>Illuminated or turned OFF</td>
<td>Flickering</td>
<td>MA</td>
<td>Central management devices inappropriate combination</td>
<td></td>
</tr>
<tr>
<td>Illuminated or turned OFF</td>
<td>Flickering</td>
<td>MC</td>
<td>Central management controller address setting error</td>
<td></td>
</tr>
<tr>
<td>Run lamp</td>
<td>Check indication</td>
<td>Unit No.</td>
<td>Error code</td>
<td>Error</td>
</tr>
<tr>
<td>----------</td>
<td>------------------</td>
<td>--------</td>
<td>------------</td>
<td>--------</td>
</tr>
<tr>
<td>Illuminated</td>
<td>Flickering</td>
<td>P0</td>
<td>Low gas (thermal storage)</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>P1</td>
<td>Outdoor unit Power voltage imbalance, open phase</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>P4</td>
<td>Outdoor unit Power unit temperature sensor error</td>
<td></td>
</tr>
<tr>
<td>Illuminated</td>
<td>Flickering</td>
<td>U0</td>
<td>Insufficient coolant Low pressure drop due to electronic expansion valve error, etc.</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>U1</td>
<td>Negative phase Open phase</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>U2</td>
<td>Power voltage failure Instantaneous power failure</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>U4</td>
<td>Communication error between indoor unit and outdoor BS unit, communication error between outdoor unit and BS unit</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>U5</td>
<td>Communication error between remote control and indoor unit</td>
<td></td>
</tr>
<tr>
<td>Turned OFF</td>
<td>Illuminated</td>
<td>U5</td>
<td>Remote control board failure or setting error for remote control</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>U6</td>
<td>Communication error between indoor units</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>U7</td>
<td>Communication error between outdoor units Communication error between outdoor unit and ice thermal storage unit</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>U8</td>
<td>Communication between master and slave remote controls (slave remote control error) Communication error of other indoor unit/remote control in the same system (model)</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>U9</td>
<td>Communication error between other indoor unit and outdoor unit in the same system Communication error between other BS unit and indoor/outdoor unit</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>UA</td>
<td>Combination error of indoor BS/outdoor unit (model, quantity, etc.) Combination error of indoor unit and remote control (remote control concerned) BS unit connection point error</td>
<td></td>
</tr>
<tr>
<td>Illuminated</td>
<td>Illuminated</td>
<td>UC</td>
<td>Central address duplicated</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>UE</td>
<td>Communication error between indoor unit and central control device</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>UF</td>
<td>System not set</td>
<td></td>
</tr>
<tr>
<td>Flickering</td>
<td>Flickering</td>
<td>UH</td>
<td>System error</td>
<td></td>
</tr>
</tbody>
</table>

For the highlighted error codes, Check indication is not shown. The system can be operated but be sure to check the instruction displayed and contact the vendor you purchased the product from.