



intelligent Touch Controller Web Software

MODEL
DCS004A71



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.

CONTENTS

1. SAFETY CONSIDERATIONS.....	1
2. BEFORE STARTING	3
3. ABOUT WEB INTERFACE	3
3-1. Web Interface of the intelligent Touch Controller.....	3
4. OVERVIEW.....	4
4-1. Web System of the intelligent Touch Controller.....	4
4-2. Functions Available for each login name.....	5
4-3. Logging into the Web Interface.....	5
4-4. Selecting Display Language.....	6
5. ADVANCED MODE	7
5-1. Main Screen.....	7
5-2. Starting/Stopping All the Devices in a Specific Group.....	8
5-3. Starting/Stopping All the Devices in a Specific Zone.....	8
5-4. Starting/Stopping Air Conditioners All Together.....	9
5-5. Switching the Operation Mode.....	9
5-6. Changing the Setpoint.....	10
5-7. Resetting Filter/Element Signs.....	10
5-8. Changing the Direction of Air Flow and Air Volume.....	11
5-9. Procedure for changing the setback setpoint temperature.....	12
5-10. Changing the HRV settings.....	13
5-11. Permitting/Prohibiting Remote Controller Operations.....	14
5-12. Procedure for changing the setback recovery temperature difference setting.....	15
5-13. Procedure for changing the Changeover setting.....	16
5-14. Procedure for changing the setpoint range setting.....	16
5-15. Monitoring Operations of All the Devices in a Specific Zone or Group.....	17
5-16. Monitoring Detailed Information.....	19
5-17. Monitoring Detailed Operation Status.....	20
5-18. Monitoring Operation Status of HRVs.....	21
6. ABOUT SYSTEM SETTINGS MENU	23
6-1. Overview.....	23
6-2. System Settings.....	27
7. CREATING SCHEDULES	30
7-1. Main Scheduling Screen.....	30
7-2. Schedule dialog box.....	31
7-3. Using the Schedule Menu.....	32
7-4. Creating Regular Schedule Patterns.....	32
7-5. Creating Ex Schedule Patterns.....	34
7-6. Copying or Deleting a Schedule Program.....	35
7-7. Copying or Deleting Schedule Events.....	36
7-8. Naming a Schedule Program.....	36
7-9. Procedure for setting a schedule week pattern.....	37
7-10. Menu Structure of Power Proportional Distribution Function.....	38
7-11. Display Area.....	38
7-12. Buttons.....	38
7-13. Settings for Excluded Time (Normal Type).....	38
7-14. Setting Special Calculation Days (Normal Type).....	39
7-15. Setting Collection Periods of Proportional Distribution Result (Period Settings).....	40
7-16. Setting Collection Periods of Proportional Distribution Result (with Month Specified).....	41
7-17. Display Method of Proportional Distribution Result-1.....	41
7-18. Display Method of Proportional Distribution Result-2.....	42
8. PRECAUTIONS FOR WINDOWS VISTA.....	43
8-1. Precautions for Using Windows Vista.....	43
9. BEFORE CONTACTING US: TROUBLESHOOTING	46
10. AFTER-SALES SERVICE.....	48

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.

 **DANGER**..... Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

 **WARNING**..... Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

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

 **NOTE**..... Indicates 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.

 **DANGER**

- **Any abnormalities in the operation of the air conditioner such as smoke or fire could result in severe injury or death.**
Turn off the power and contact your dealer immediately for instructions.
- **Do not install the unit in an area where flammable materials are present due to risk of explosion resulting in serious injury or death.**
- **Safely dispose of the packing materials.**
Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries.
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.

 **WARNING**

- **Ask your dealer for installation of the air conditioner.**
Incomplete installation performed by yourself may result in a water leakage, electric shock, and fire.
- **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.**

 **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.**
-

 **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 benzene, 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.**
-

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.

Item	Condition		
OS	Windows XP SP 3	Windows Vista Business SP 2	
CPU	Pentium III 800 MHz or compatible	Pentium III 1 GHz or compatible	
Memory	256MB or more	1 GB or more	
Free Disk Space	100MB or more		
Network Speed	10 Base-T or higher		
Video card display	Resolution: 1024 × 768 (XGA) or more Maximum number of simultaneous display colors: 65535 or more		
Browser *4	Internet Explorer 6.0 SP3 *1	Internet Explorer 7.0	Internet Explorer 8.0
Java plugin	JRE (Java Runtime Environment) Version 6 Update 16 *2		
	Disable the next-generation Java Plug-in. *3	Enable the next-generation Java Plug-in.	

- *1: Be sure to use IE 6.0 SP3 or later. If IE 6.0 SP3 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 JRE (Java Runtime Environment). 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: Disable the next-generation Java Plug-in for a combination of Internet Explorer 6.0 and JRE Version 6 Update 10 or later.
- *4: Do not set the "Security level" setting of Internet Explorer to "High". The web interface will not operate otherwise.

3. ABOUT WEB INTERFACE

3-1 Web Interface of the intelligent Touch Controller

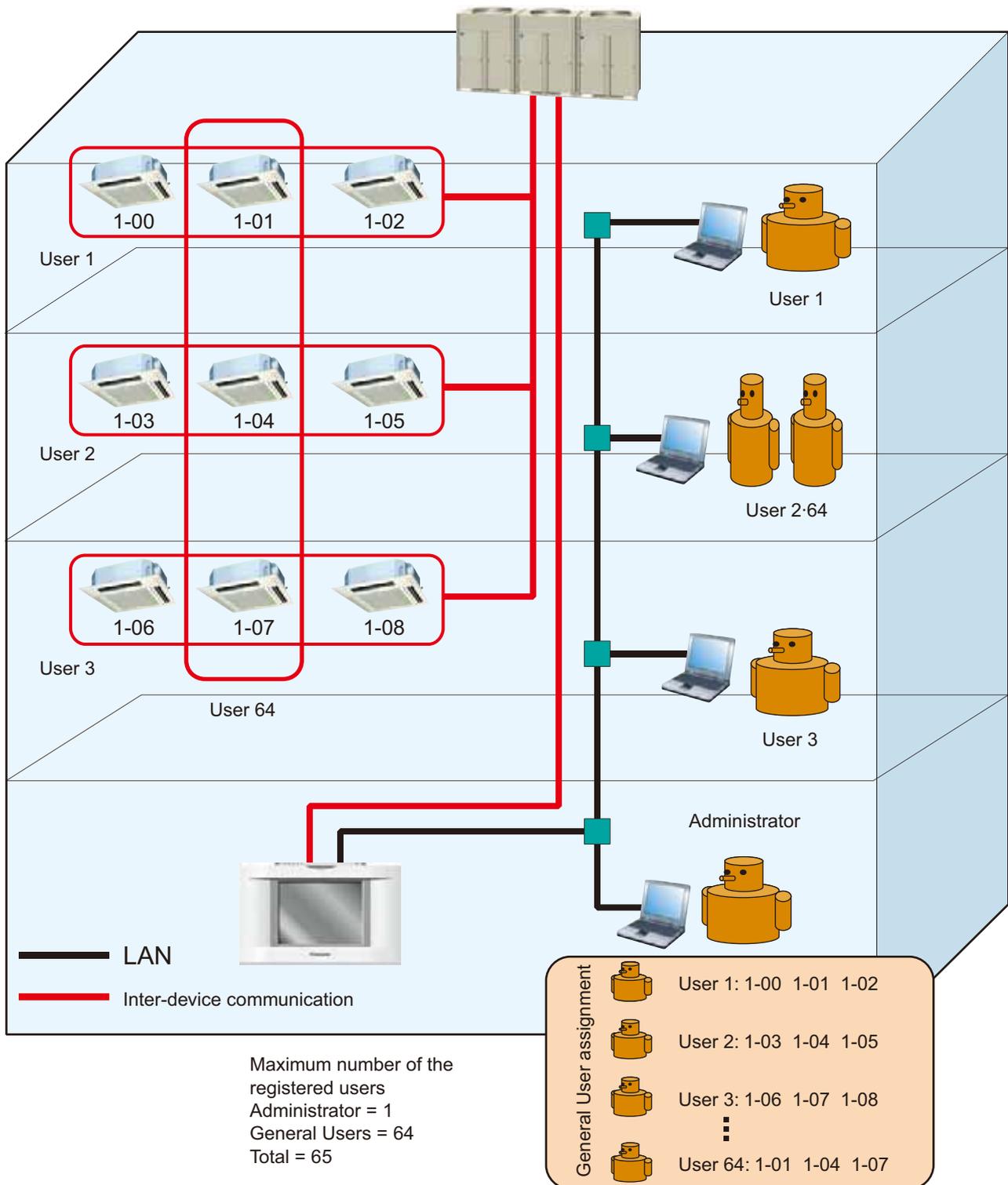
<ul style="list-style-type: none"> • Permissions: Privileges Given to Each Login Name There are two categories of login users: General User who can perform basic operations via the web interface and Administrator who can setup the system and change system settings. 	→	See page [5]
<ul style="list-style-type: none"> • Start/Stop Operation You can uniformly start or stop all the devices in a group, a zone, or multiple zones at once. 	→	See page [8]
<ul style="list-style-type: none"> • Advanced Settings for Air Conditioners You can set setpoint, operation modes, direction of air flow, air volume, and remote controller mode of all devices in a group, a zone, or multiple zones. 	→	See page [9]
<ul style="list-style-type: none"> • 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. 	→	See page [14]
<ul style="list-style-type: none"> • 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. 	→	See page [27]
<ul style="list-style-type: none"> • 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. 	→	See page [30]
<ul style="list-style-type: none"> • 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. 	→	See page [38]

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



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

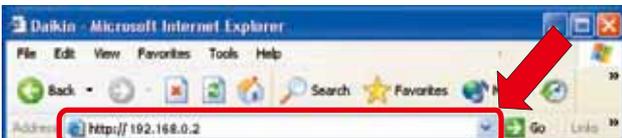
4-3 Logging into the Web Interface

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

http:// followed by the address of the intelligent Touch Controller

In the case of the example on the figure 1, the IP address of the intelligent Touch Controller is 192.168.0.2.

figure 1



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.

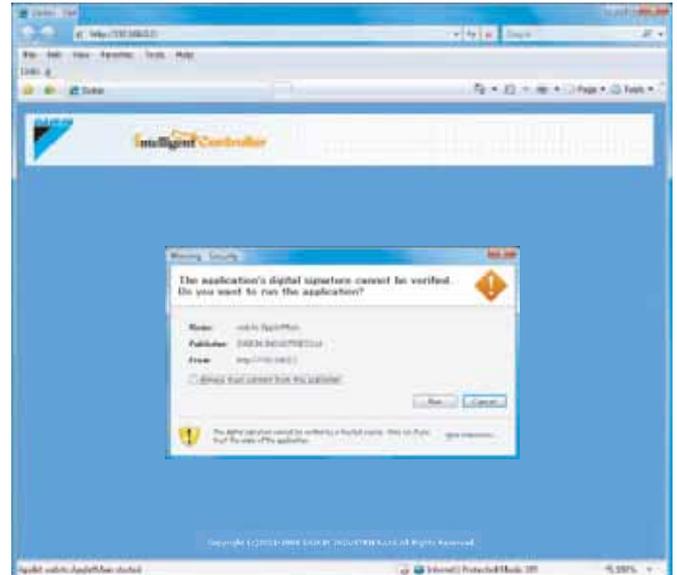
- When you click the button, the security warning screen will disappear and the log-in screen is displayed.
- If you always want to trust the content from the publisher, check "Always trust content from this publisher" and click the button.

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."



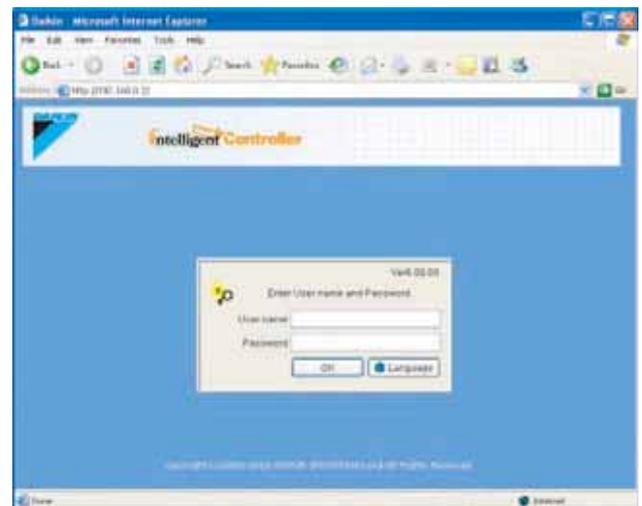
3. The Main screen (Screen 2) is displayed.

User name: Input the user name given by the administrator.

Password: Input the password corresponding to the user name.

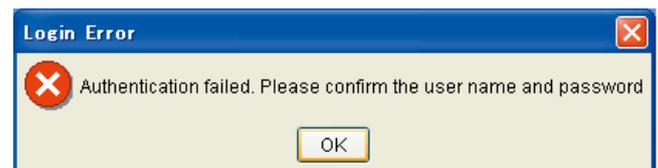
After input, press to log in.

Screen 2: Authentication screen



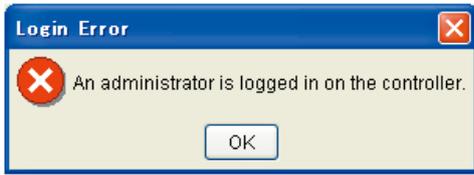
If you are not authenticated, the error message displayed in Figure (1) is displayed. Check your user name and password.

Figure (1)



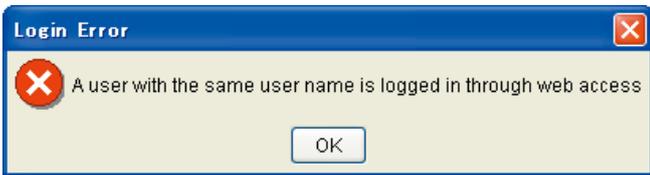
If the Administrator attempts to log into the web interface without closing the system menu on the intelligent Touch Controller console, the error message displayed in Figure (2) is displayed. In this case close the system menu, and log into it again.

Figure (2)



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)



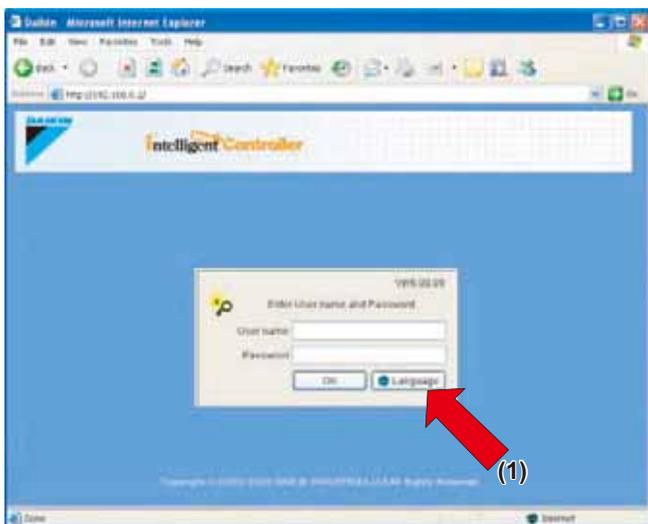
4-4 Selecting Display Language

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

1. Click the 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 .

To cancel your selection, click the .

Screen 1: Authentication screen



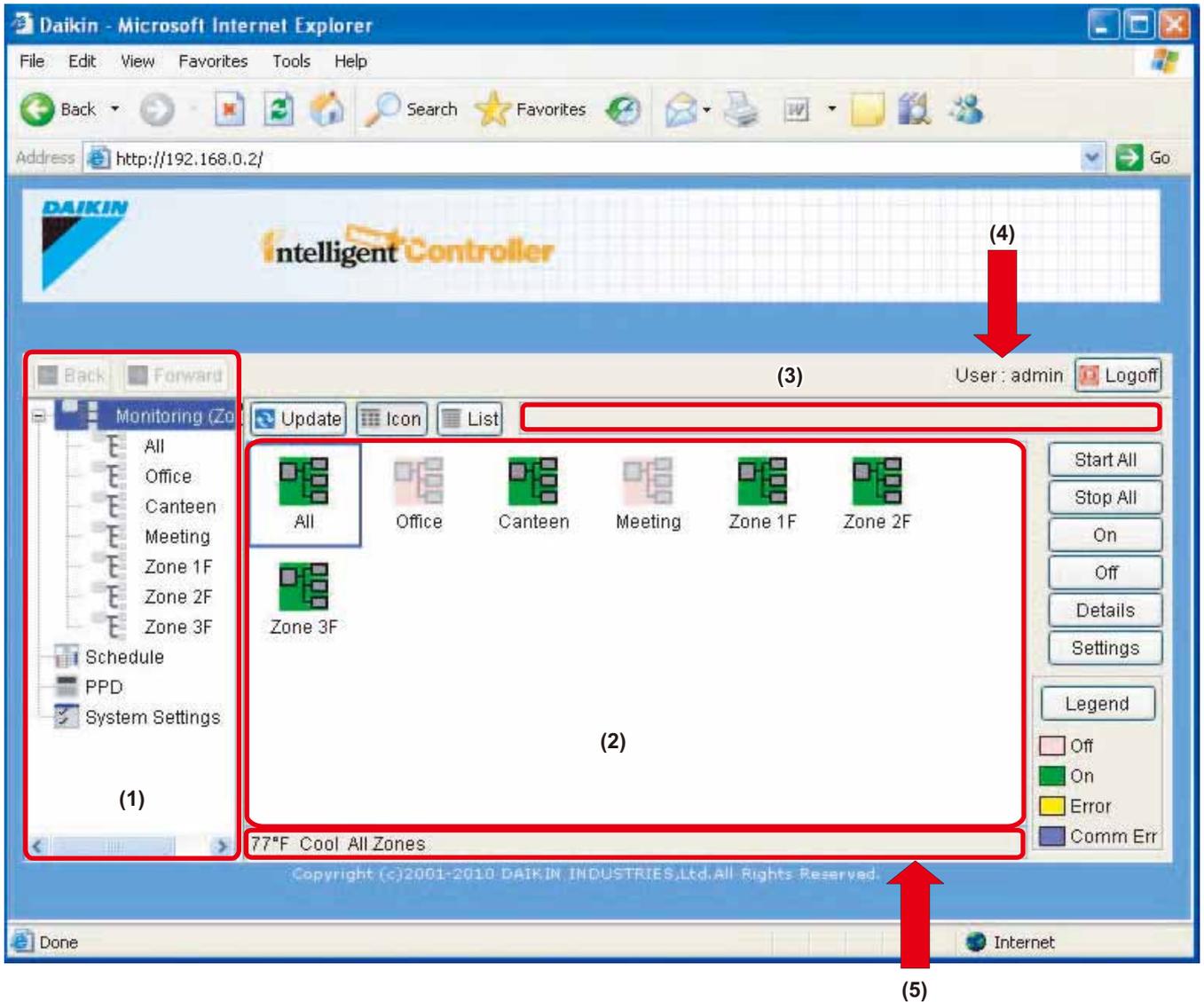
Screen 2: Display language screen



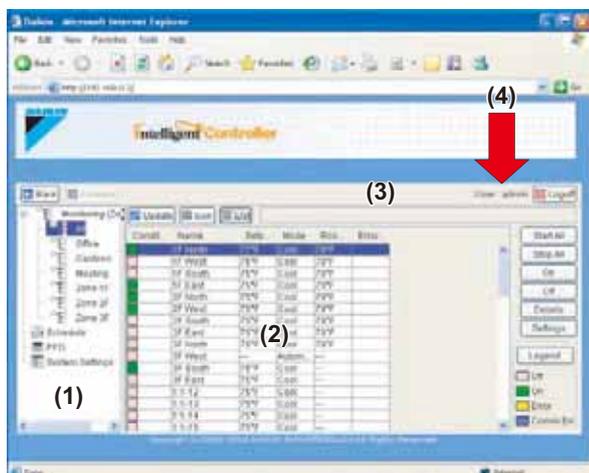
5. ADVANCED MODE

5-1 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 9)



Stops all the air conditioners for which the login user has an operation privilege. (See page 9)



Starts all the devices included in the selected zone or group. (See page 8 to 9)



Stops all the devices included in the selected zone or group. (See page 8 to 9)



Launches a dialog box displaying detailed information on the selected zone or group. (See page 19)



Launches a dialog box where you can set up the selected zone or group. (See page 9)



Launches a dialog box describing detailed information on items displayed in the Icon/List display modes. (See page 19)



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.

5-2 Starting/Stopping All the Devices in a Specific Group

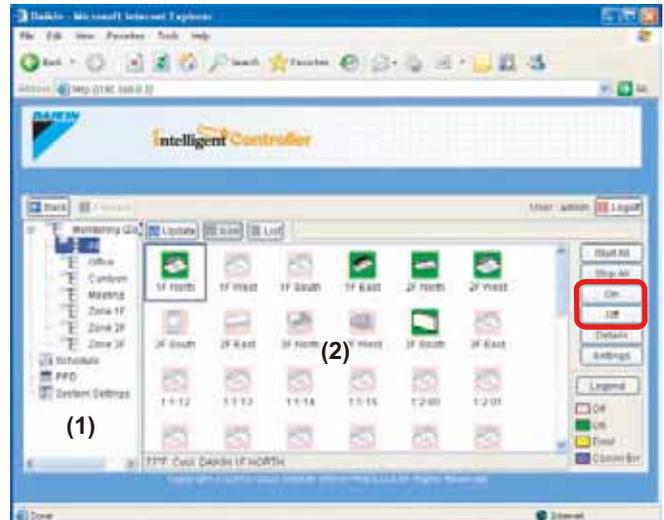
■ Procedure for starting/stopping all the devices in a specific group

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 or button.

5-3 Starting/Stopping All the Devices in a Specific Zone

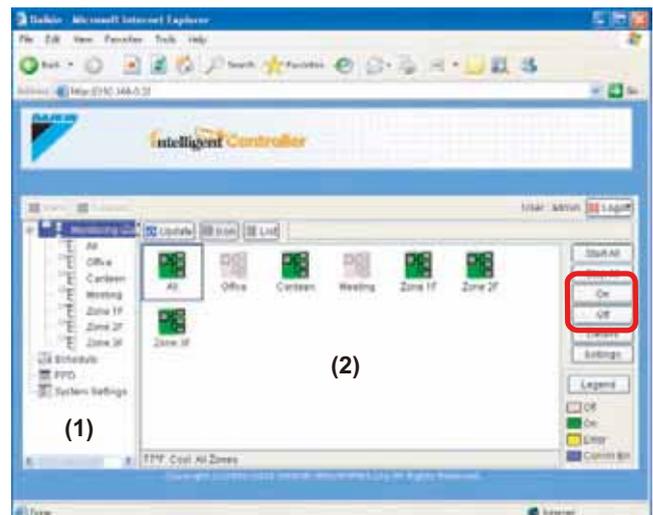
■ Procedure for starting/stopping all the devices in a specific zone

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



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

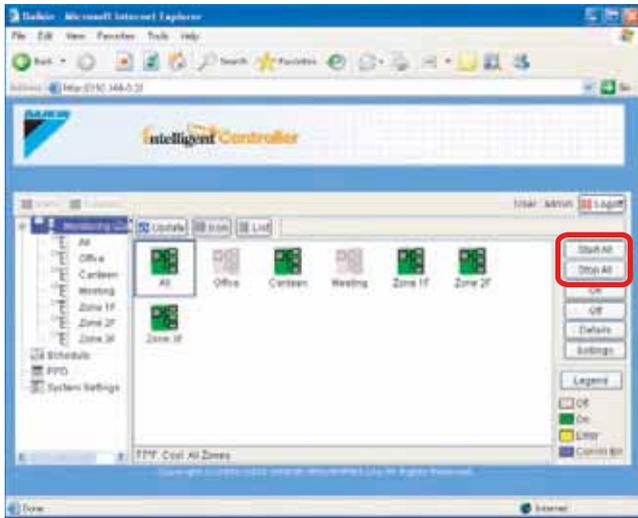
3. Click the or button.

5-4 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.

Screen 1: Main screen



Procedure

1. Click the or button.

⚠ CAUTION

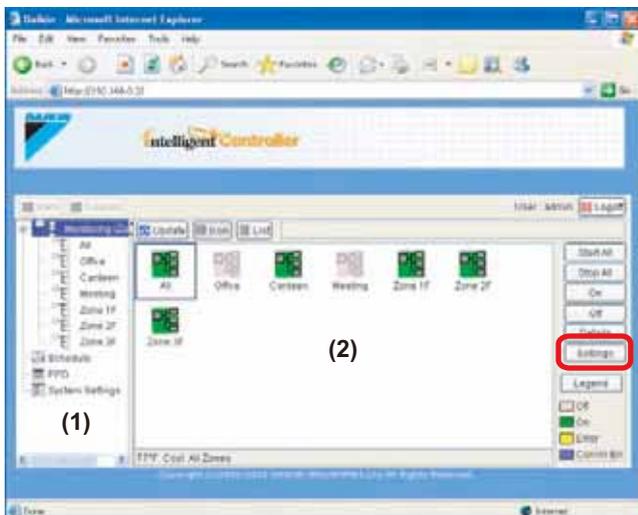
- In the bulk start/stop operation, only the devices for which the login user has operation privileges are started or stopped but if the login user is the Administrator, all the devices are started or stopped. See page 5 for more information on permissions of the web interface.

5-5 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.

Screen 1: Main screen

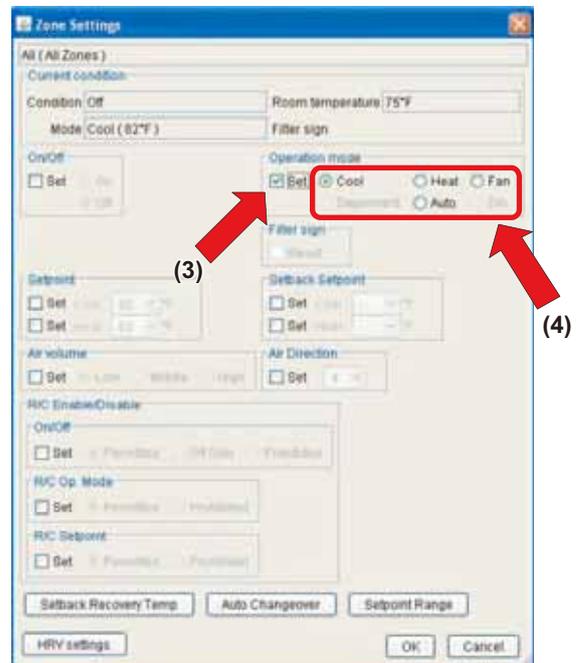


The operation mode can be switched by zone or by group.

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 . Screen 2 Operation is displayed.

Screen 2: Settings screen



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

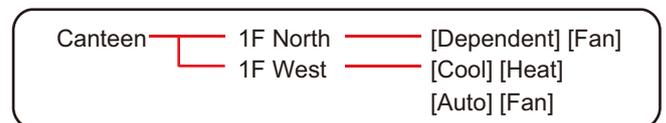
On the menu, operation modes available for air conditioners in the zone are displayed if the switching is to be made by zone. See the following example.

4. Press the .

To cancel the setting, press the .

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



With the software version Ver 6.01.00 or later, when the Auto mode in the indoor unit is recognized as either Auto (Cool) or Auto (Heat), the intelligent Touch Controller will automatically override it to Cool or Heat mode immediately. See page 46 for details.

Use Automatic Changeover function in the intelligent Touch Controller when necessary. See the details shown in pages 46 to 50 of the intelligent Touch Controller (DCS601C71) operation manual for Automatic Changeover.

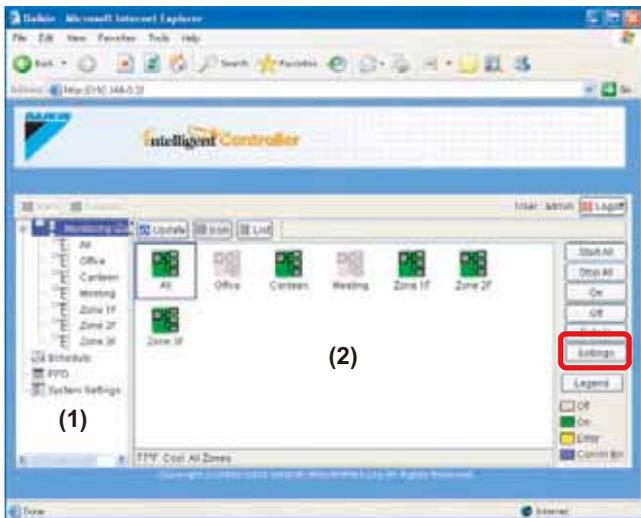
5-6 Changing the Setpoint

■ Procedure for changing the setpoint

Change the setpoint 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



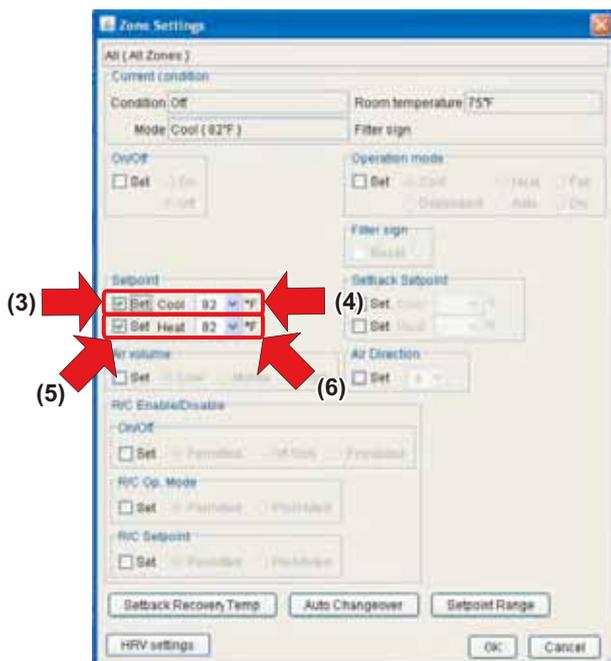
The setpoint can be switched by zone or by group.

When all the air conditioners in the selected group or zone are in the Fan mode, the setpoint cannot be changed.

Procedure

- 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 setpoint 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).
- Press the . Screen 2 Operation is displayed.

Screen 2: Settings screen



- Check the (3) Set checkbox to set the cooling setpoint.
Set the cooling temperature with the (4) setpoint pull-down menu.

Check the (5) Set checkbox to set the heating setpoint.
Set the heating temperature with the (6) setpoint pull-down menu.

- Press the .

To cancel the setting, press the .

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

Figure 1

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

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

Figure 2

Zone name	Group name	Range of setpoint available
Canteen	1F North	86°F (30°C)
	1F West	77°F (25°C)

For more information refer to the intelligent Touch Controller manual.

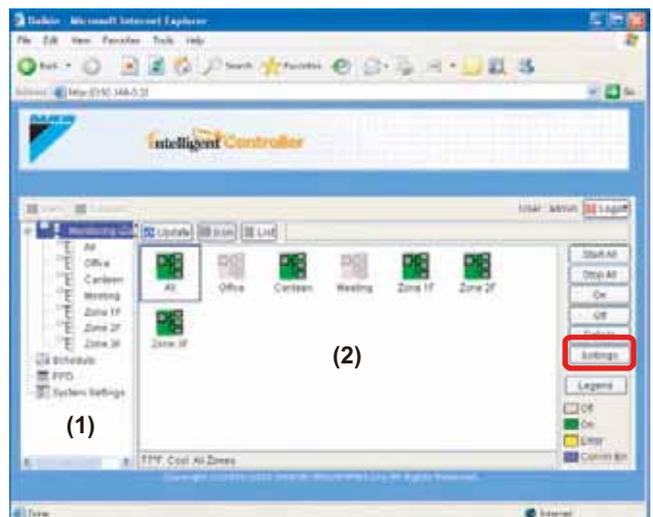
5-7 Resetting Filter/Element Signs

■ 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



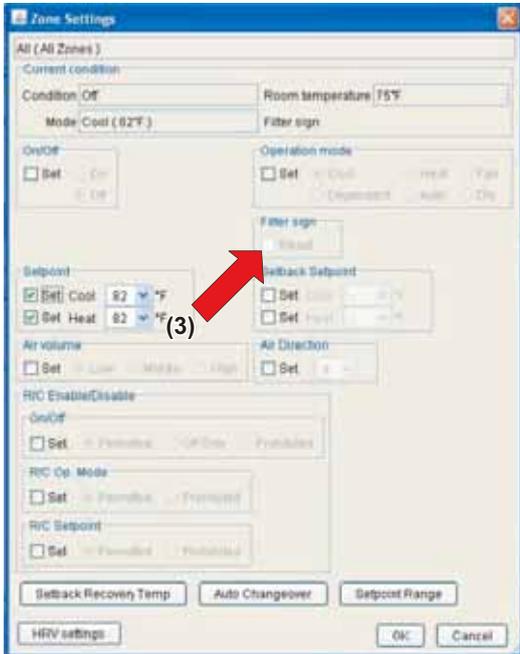
You can reset all the signs displayed on air conditioners in a group or zone all together.

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 setpoint 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.

5-8 Changing the Direction of Air Flow and Air Volume

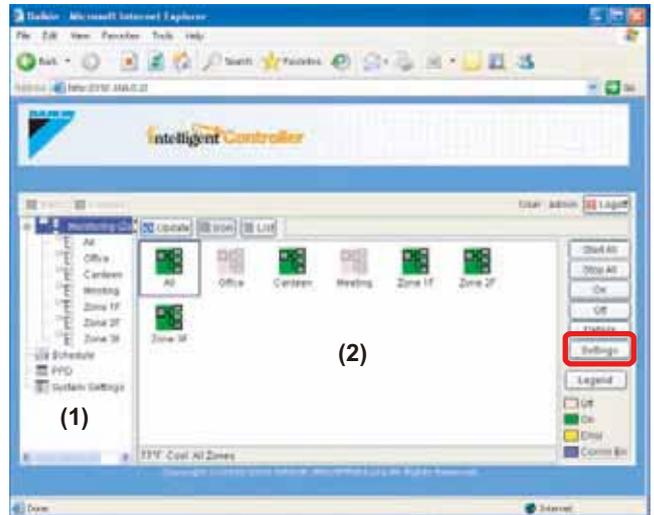
■ Procedure for changing the direction of air flow/air volume

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



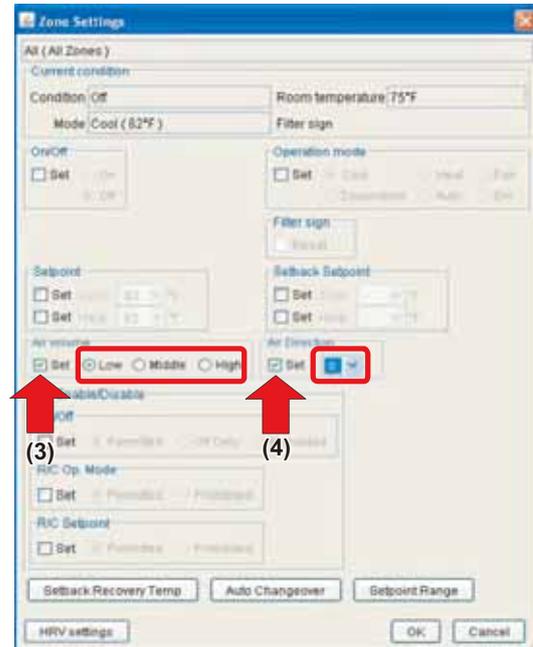
The air direction or volume can be changed by zone or by group.

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** . Screen 2 Operation is displayed.

Screen 2: Settings screen



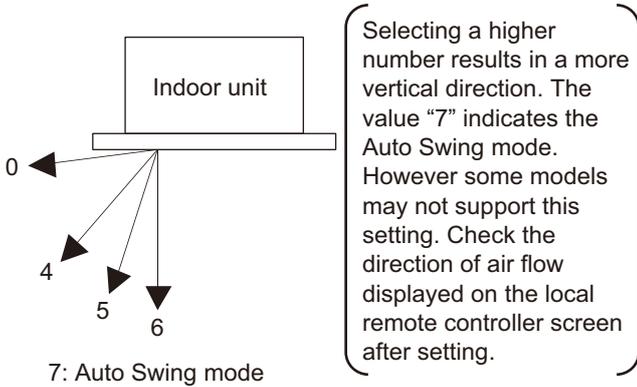
3. When setting the air volume, select the Set checkbox in the Air volume frame (3), and check one of the radio buttons to select desired air volume.

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 .

To cancel the setting, press the .

***Guideline for determining the direction of air flow and air volume**



5-9 Procedure for changing the setback setpoint temperature

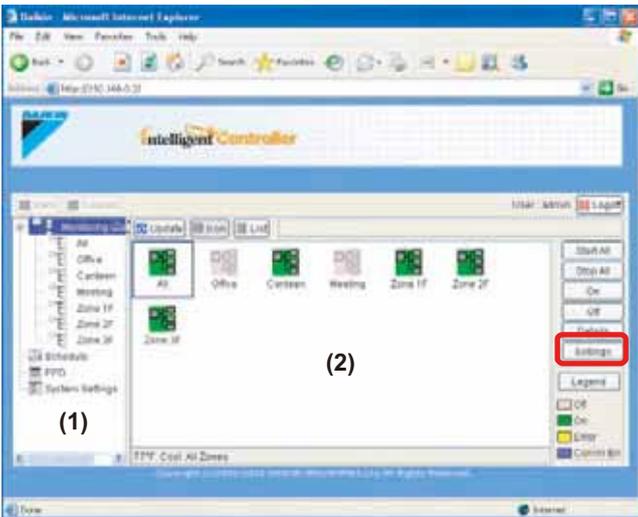
Change the setback setpoint temperature.

You can change the setback setpoint temperature with either the icon display or the list display.

Screen-1 shows an example of the icon display.

You can change the setback setpoint temperature on a zone basis.

Screen 1: Main screen



You can change settings of all the HRVs included in a zone all together.

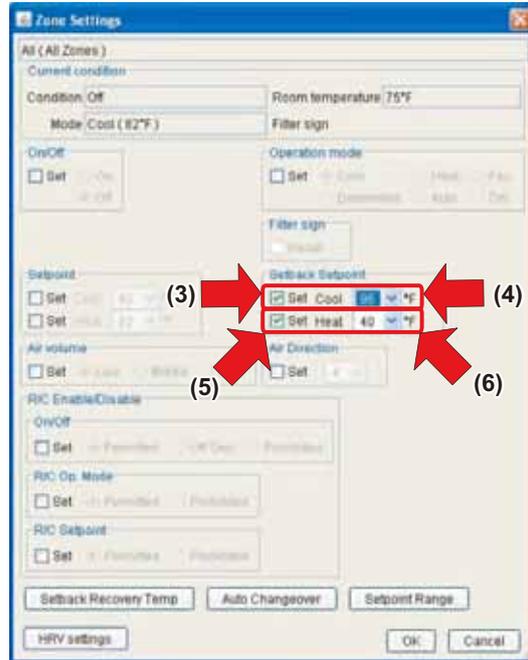
Procedure

1. Select Monitoring (Zone list) from the (1) zone tree and select the zone to be changed from the (2) main display area.

2. Press the .

Screen 2 The settings screen is displayed.

Screen 2: Zone Settings screen



3. To set the setup temperature

(3) Check the Set Cool checkbox.

(4) Set the setup setpoint with the setup temperature pull-down menu.

To set the setback temperature

(5) Check the Set Heat checkbox.

(6) Set the setback setpoint with the setback temperature pull-down menu.

4. Finally, press the .

To cancel the setting, press the .

5-10 Changing the HRV settings

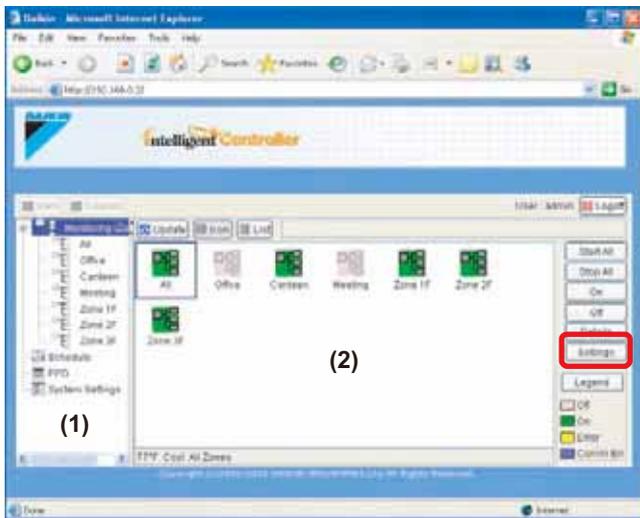
■ Procedure for changing the HRV settings

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.

Screen 2: Zone Settings screen



(3)

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



(6)

(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

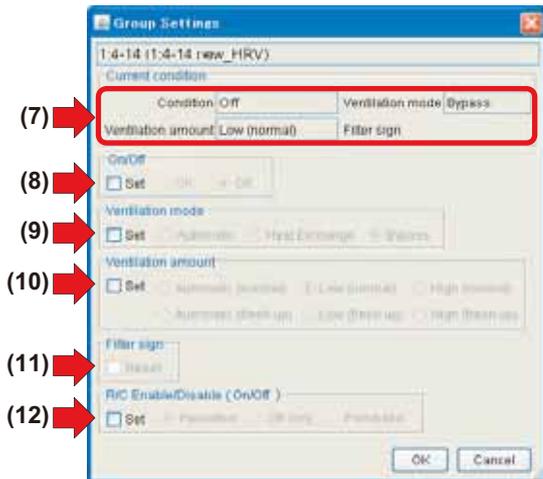
In this frame the Ventilation amount setting can be changed. Select the Set checkbox, and check a desired radio button.

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.

- On/Off state
- Ventilation mode
- Ventilation amount
- Filter sign

(8) On/Off

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 (On/Off)

In this frame you can permit or prohibit the On/Off operation through remote controllers. Select the Set checkbox and check a desired radio button.

Upon completion, click the 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.

5-11 Permitting/Prohibiting Remote Controller Operations

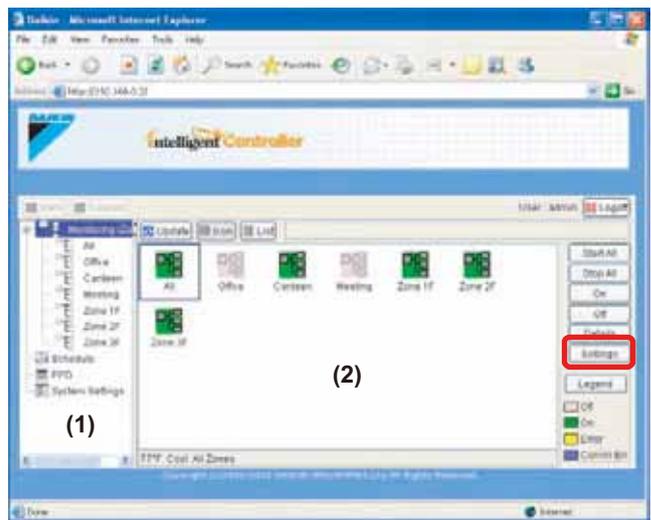
■ Procedure for permitting/prohibiting remote controller operations

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.

Screen 1: Main screen

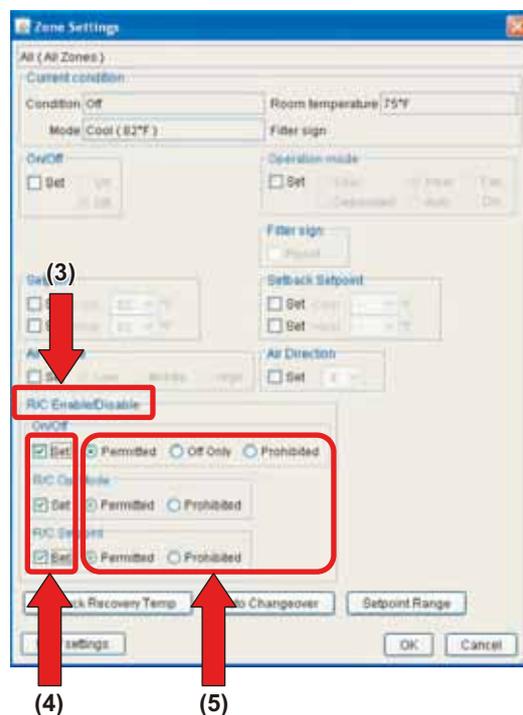


You can change the settings of all the devices included in a group or zone.

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 . Screen 2: The **Zone Setup** screen is displayed.

Screen 2: Settings screen



For an HRV group setting, see the previous page.

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.

- On/Off
Permitted
Off Only
Prohibited
- R/C Op. Mode
Permitted or **Prohibited**
- R/C Setpoint
Permitted or **Prohibited**

4. Upon completion, click the button.

To cancel your settings, click the button.

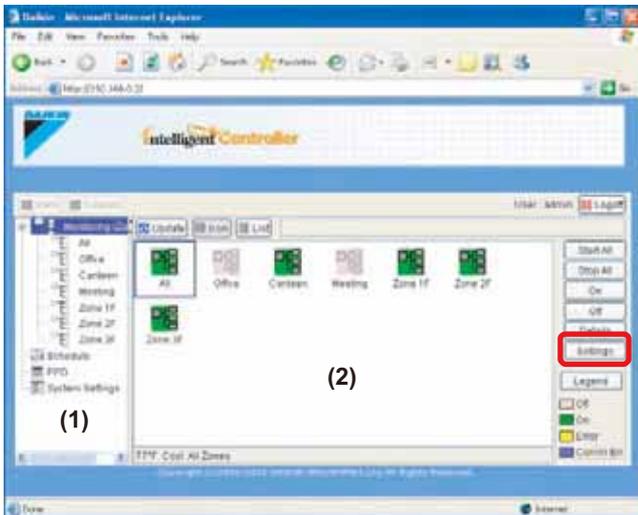
5-12 Procedure for changing the setback recovery temperature difference setting

Change the setback recovery temperature difference setting.

You can change the setback recovery temperature difference setting with either the icon display or the list display.

Screen-1 shows an example of the icon display. You can set the setback recovery temperature difference on a zone basis.

Screen 1: Main screen



You can change settings of all the HRVs included in a zone all together.

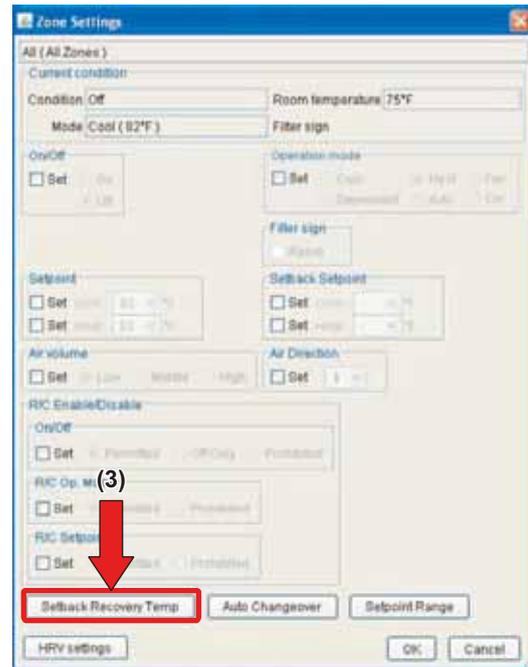
Procedure

1. Select Monitoring (Zone list) from the (1) zone tree area and select the zone to be changed from the (2) main display area.

2. Press the .

Screen 2 The settings screen is displayed.

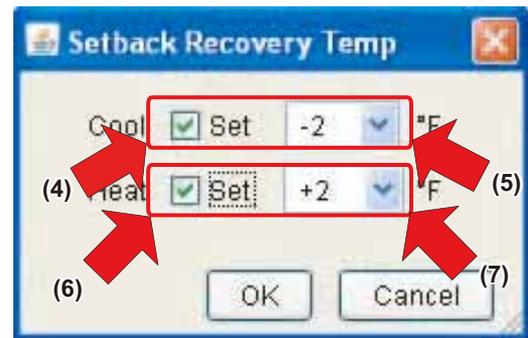
Screen 2: Zone Settings Screen



3. Press the (3) .

Screen 3 The Setback Recovery Temp screen is displayed.

Screen 3: Setback Recovery Temp



4. To set the setup recovery temperature difference

- (4) Check the Set Cool checkbox.
- (5) Set the temperature for the setup recovery temperature difference with the pull-down menu.

To set the setback recovery temperature difference

- (6) Check the Set Heat checkbox.
- (7) Set the temperature for the setback recovery temperature difference with the pull-down menu.

5. Finally, press the .

To cancel the setting, press the .

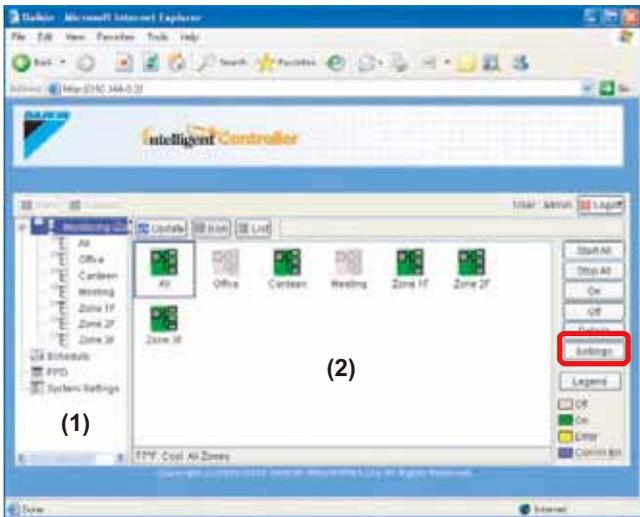
5-13 Procedure for changing the Changeover setting

Change the Changeover setting.

You can change the Changeover setting with either the icon display or the list display.

Screen-1 shows an example of the icon display. You can set the Changeover on a zone basis.

Screen 1: Main screen



You can change settings of all the HRVs included in a zone all together.

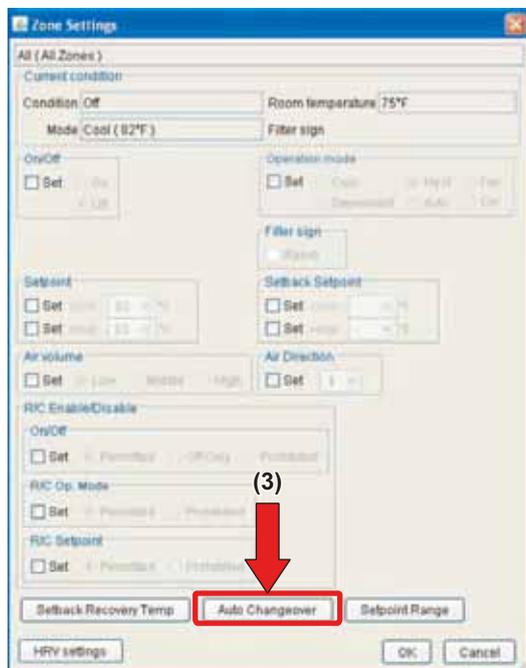
Procedure

1. Select Monitoring (Zone list) from the (1) zone tree and select the zone to be changed from the (2) main display area.

2. Press the **Settings** .

Screen 2 The settings screen is displayed.

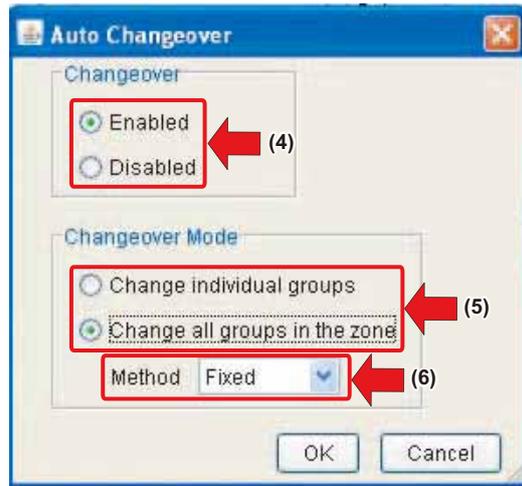
Screen 2: Zone Settings Screen



3. Press the (3) **Auto Changeover** .

Screen 3 Changeover screen is displayed.

Screen 3: Auto Changeover



4. Set (4) Enabled/Disabled for Changeover.

Check the desired radio button.

If the Changeover setting is enabled, set the (5) Changeover Mode.

Check the desired radio button.

If **Change all groups in the zone** is set for the Changeover mode, set Auto Changeover method with the (6) pull-down menu.

5. Finally, press the **OK** .

To cancel the setting, press the **Cancel** .

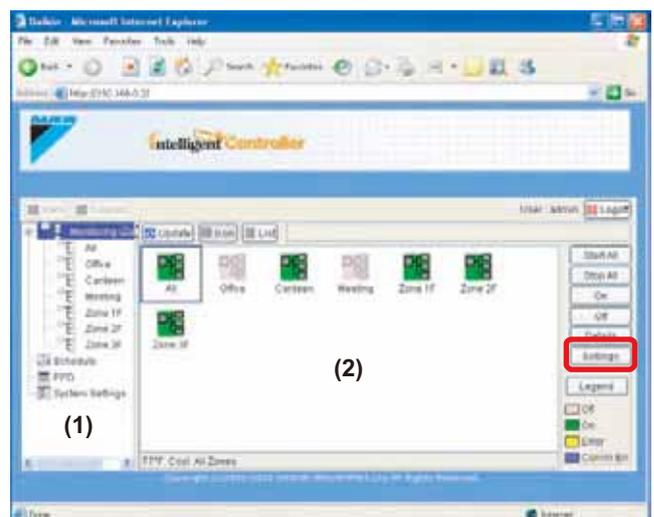
5-14 Procedure for changing the setpoint range setting

Change the setpoint range setting.

You can set the setpoint range with either the icon display or the list display.

Screen-1 shows an example of the icon display You can set the setpoint range on a zone basis.

Screen 1: Main screen

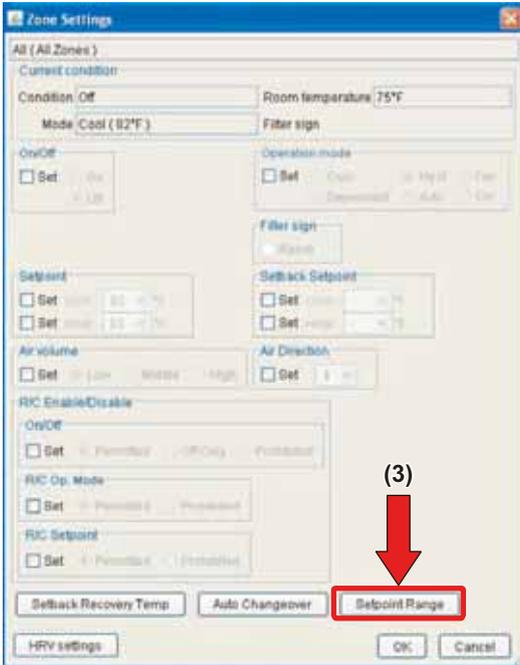


You can change settings of all the HRVs included in a zone all together.

Procedure

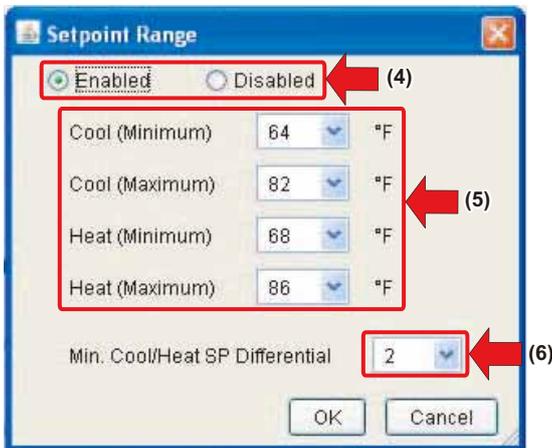
1. Select Monitoring (Zone list) from the (1) zone tree and select the zone to be changed from the (2) main display area.
2. Press the .
Screen 2 The settings screen is displayed.

Screen 2: Zone Settings screen



3. Press the (3) .
Screen 3 Setpoint Range setting screen is displayed.

Screen 3: Setpoint Range



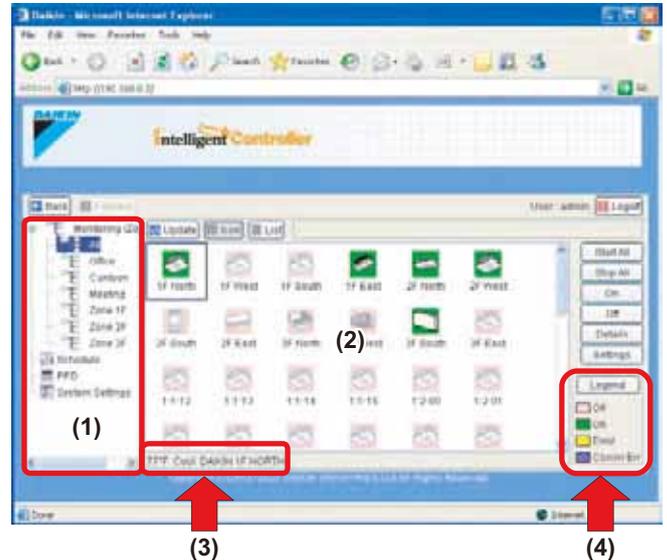
4. Set (4) Enabled/Disabled for the setpoint range.
Check the desired radio button.
Set the Min. Cool/Heat SP Differential with the (6) pull-down menu.
If the setpoint range is enabled, set Cool (Minimum), Cool (Maximum), Heat (Minimum) and Heat (Maximum) with the (5) pull-down menu.
5. Finally, press the .
To cancel the setting, press the .

5-15 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 or 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.

[Displayed 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)

- Setpoint
For a zone, the operation mode of the representative unit is shown.
- Operation mode
For a zone, the setpoint 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.

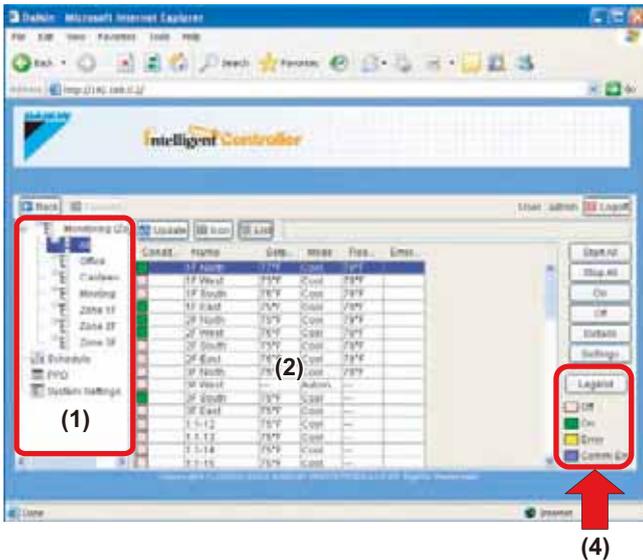
[Displayed Items in the List Display Mode]

In the main display area (2) the following zone or group information is displayed.

- On/Off 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.
- Setpoint
For a zone, the setpoint 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.

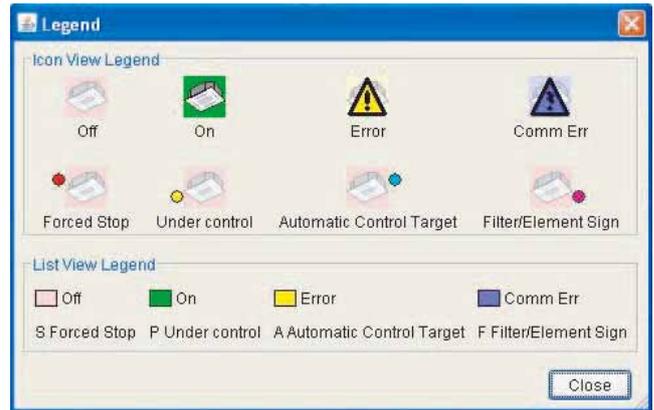
The frames ((4) in the Screen 1 and 2) at the lower right corner show legend.

Screen 2: Main Screen (List 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.

[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.

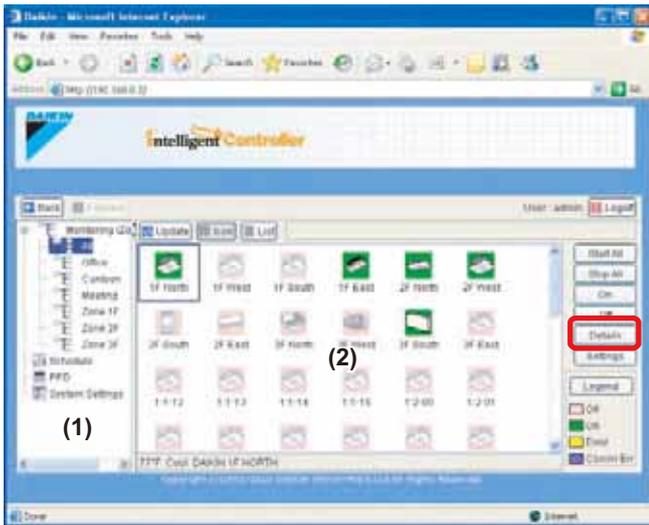
Data of the representative unit ( CAUTION 1) is displayed, rather than that of the entire zone.

5-16 Monitoring Detailed Information

■ Procedures for monitoring detailed information

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

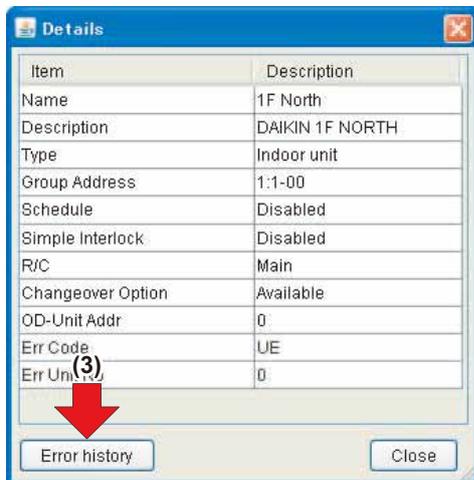
Screen 1: Main screen



Procedure

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

Screen 2: Details screen



[For an air conditioner group]

- Name : Group name
- Description : Group description
- Type : Air conditioner or device
- Group Address : Address between 1-00 and 4-15
- Schedule : Enable/Disabled
- 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 a zone]

- Name : Zone name
- Description : Zone description
- Sequential Start : Enabled/Disabled
- Interval : Interval when Enabled is set for the above
- No. of Regist Grp : Numbers of registered groups
- Schedule : Enabled/Disabled

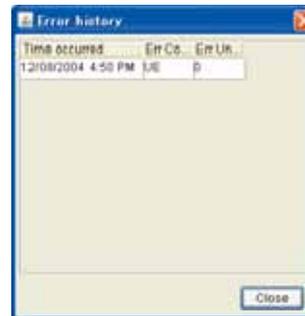
Click the **Close** button to return to the Main screen.

On the Details screen for HRV groups, items 1), 2), 3), 4), 5), and 7) (plus 10) and 11) in an error state) are displayed. For Dio groups, items 1), 2), 3), 4), and 7) (plus 10) and 11) in an error state) are displayed. For Di groups, items 1), 2), 3), and 4) (plus 10) and 11) in an error state) are displayed.

- 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.

Screen 3:
Error History screen

Screen 4:
Error History screen



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.

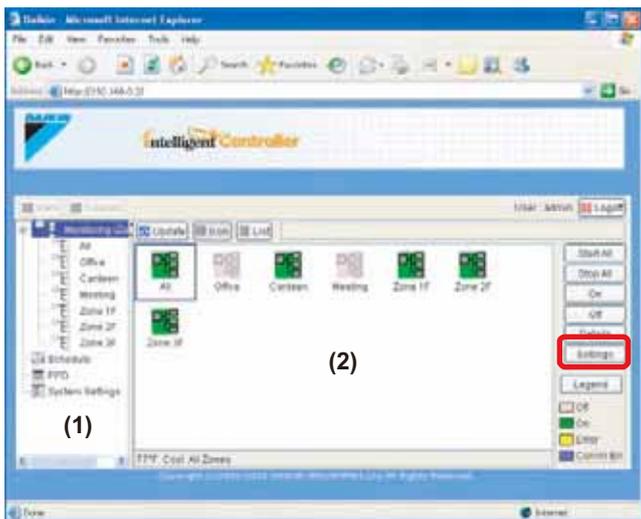
When an error event with the same error code as one for the already registered event occurs in a specific group, only the time is updated. For a specific group two or more error events with the same error code are not registered.

5-17 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



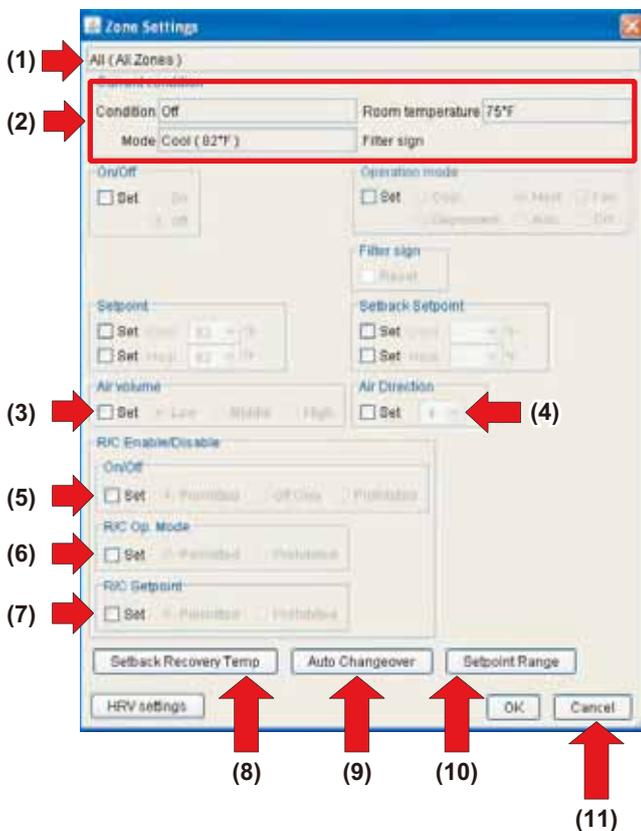
Procedure

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).

2. Click the **Settings** button to display the Settings screen (Screen 2).

This screen provides the following information.

Screen 2: Zone Settings Screen



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

- (2) Current Condition
 - On/Off 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.

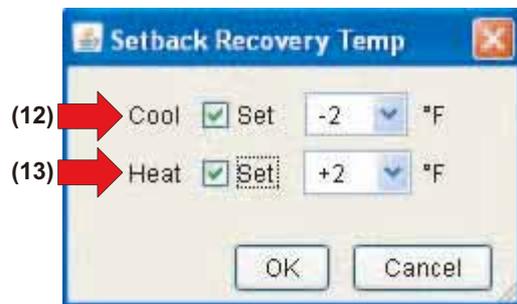
The area under the R/C Enable/Disable heading includes three frames to display the setting for permission/prohibition of operation through remote controller. In each frame one of the following options is highlighted:

- (5) On/Off
Permitted
Off Only
Prohibited
- (6) R/C Op. Mode
Permitted or **Prohibited**
- (7) R/C Setpoint
Permitted or **Prohibited**

3. Press the (8) **Setback Recovery Temp**.

Screen 3 The Setback Recovery Temp screen is displayed.

Screen 3: Setback Recovery Temp

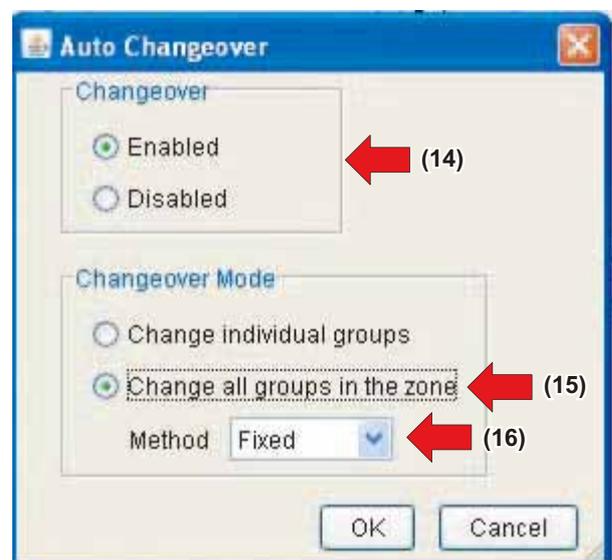


- (12) Cooling recovery temperature difference
The current cooling recovery temperature difference is displayed.
- (13) Heating recovery temperature difference
The current heating recovery temperature difference is displayed.

4. Press the (9) **Auto Changeover**.

Screen 4 The Auto Changeover screen is displayed.

Screen 4: Auto Changeover

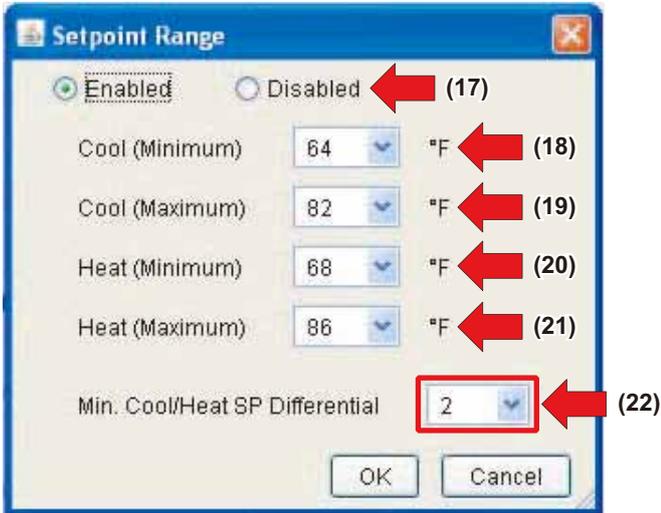


- (14) Changeover Enabled/Disabled setting
Enabled or **Disabled**
- (15) Changeover mode setting
Change individual groups or
Change all groups in the zone
- (16) Cooling/heating automatic changeover method
The current cooling/heating automatic changeover method is displayed.

5. Press the (10) **Setpoint Range** .

Screen 5 The Setpoint Range screen is displayed.

Screen 5: Setpoint Range



- (17) Setpoint range Enabled/Disabled setting
Enabled or **Disabled**
- (18) Cooling setpoint (Minimum)
The current cooling setpoint (Minimum) is displayed.
- (19) Cooling setpoint (Maximum)
The current cooling setpoint (Maximum) is displayed.
- (20) Heating setpoint (Minimum)
The current heating setpoint (Minimum) is displayed.
- (21) Heating setpoint (Maximum)
The current heating setpoint (Maximum) is displayed.
- (22) Minimum of the cooling/heating setpoint difference
The current minimum of the cooling/heating setpoint difference is displayed.

6. Upon completion, click the **Cancel** (11) button to return to the Main screen.

CAUTION

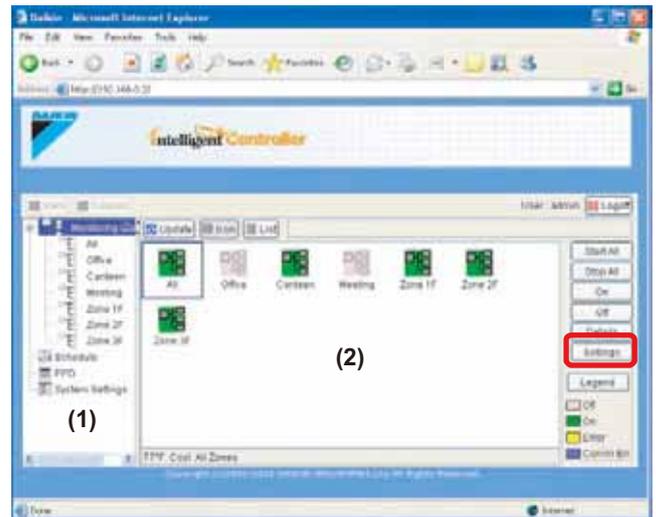
- This screen can be used for both setting and monitoring. When using it only for monitoring, be sure to click the **Cancel** button, rather than the **OK** to close it. This prevents you from inadvertently changing existing settings.

5-18 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



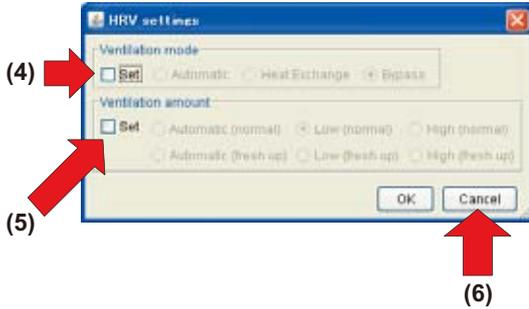
(3)

[When Monitoring a Zone of 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).

Screen 3: HRV settings screen



You can view the following two items.

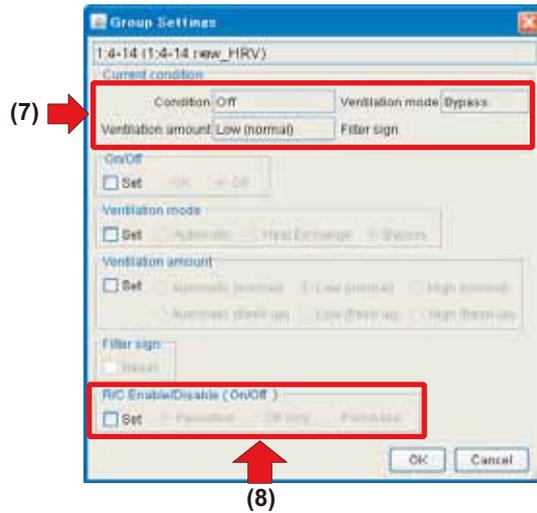
- (4) Ventilation mode
Displays the current Ventilation mode.
- (5) Ventilation amount
Displays the current Ventilation amount.

Upon completion, click the **Cancel** (6) 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
 - On/Off state
 - Ventilation mode
 - Ventilation amount
 - Filter sign
- (8) R/C Enable/Disable (On/Off)
Displays the setting for permitting/prohibiting start/stop operations through remote controllers.

Upon completion, click the **Cancel** 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 **Cancel** button, rather than the **OK** to close it. This prevents you from inadvertently changing existing settings.

6. ABOUT SYSTEM SETTINGS MENU

6-1 Overview

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

System setting menu		Propriety of operation by login authority	
		Administrator	General User
System Settings	Password Setting	○	○
	Registration of General Users	○	×
	Deletion of General Users	○	×
	Assigning Zones to General Users	○	×
Creating Schedules		○	×
Proportional distribution settings		○	×

○ : Granted × : Denied

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

System setting Menu Name	Description	Reference
Password Setting	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.	See page [27]
Registration of General Users	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.	See page [28]
Deletion of General Users	The Administrator can delete any of the registered General Users.	See page [29]
Assigning Zones to General Users	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.	See page [29]
Overview: Schedule Creation Procedure	<p>The Schedule menu item allows you to create operation schedules and link it to one or more zones or groups.</p> <p>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.</p> <p>The options provided for creating schedule events are:</p> <ul style="list-style-type: none"> • On/Off • Operation mode • Ventilation mode (*) • Permitting/prohibiting local remote controller operations • Setpoint • Ventilation amount (*) (* Only for HRVs) <p>The following describes the steps required to make a plan to create scheduling patterns.</p> <ul style="list-style-type: none"> • There are two types of schedule patterns: 7 regular schedule patterns (applied to Sun to Sat) and 4 extra schedule patterns (Ex1 to Ex4). To get things started, make a plan for creating these 11 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 11 schedule patterns (regular schedule patterns: Sun to Sat; extra schedule patterns: Ex1 to Ex4). Ex.: Starts devices in zone 1 at 9:00 and stops at 17:00 Up to 16 operations can be set for each day. <p>Up to 8 schedule programs can be set, by concerning the schedules above as one.</p>	See page [30]

The following section provides a setting example.

Zone Setting	<p>1. [Floor usage] 1F: Reception counter Names this Zone 1F 2F: Office Names this Zone 2F 3F: Canteen Names this Zone 3F</p>	-																																																
Schedule Calendar Setting	<p>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).]</p> <table border="1" data-bbox="336 394 1190 1272"> <thead> <tr> <th data-bbox="336 394 600 461">Zone name Day of week</th> <th data-bbox="600 394 798 461">Zone 1F</th> <th data-bbox="798 394 995 461">Zone 2F</th> <th data-bbox="995 394 1190 461">Zone 3F</th> </tr> </thead> <tbody> <tr> <td data-bbox="336 461 600 499">SUN</td> <td data-bbox="600 461 798 499">Holiday</td> <td data-bbox="798 461 995 499">Holiday</td> <td data-bbox="995 461 1190 499">Holiday</td> </tr> <tr> <td data-bbox="336 499 600 741">MON</td> <td data-bbox="600 499 798 741">9:30 AM-6:00 PM Duty hours</td> <td data-bbox="798 499 995 741">8:30 AM-5:00 PM Duty hours 12:00 PM-1:00 PM Lunch break 5:00 PM-10:00 PM Overtime hours 10:00 PM Closing office</td> <td data-bbox="995 499 1190 741">9:00 AM-2:30 PM Duty hours</td> </tr> <tr> <td data-bbox="336 741 600 779">TUE</td> <td data-bbox="600 741 798 779">ditto</td> <td data-bbox="798 741 995 779">ditto</td> <td data-bbox="995 741 1190 779">ditto</td> </tr> <tr> <td data-bbox="336 779 600 846">WED</td> <td data-bbox="600 779 798 846">9:30 AM-5:00 PM Duty hours</td> <td data-bbox="798 779 995 846">ditto</td> <td data-bbox="995 779 1190 846">ditto</td> </tr> <tr> <td data-bbox="336 846 600 884">THU</td> <td data-bbox="600 846 798 884">same as Mon</td> <td data-bbox="798 846 995 884">ditto</td> <td data-bbox="995 846 1190 884">ditto</td> </tr> <tr> <td data-bbox="336 884 600 922">FRI</td> <td data-bbox="600 884 798 922">same as Mon</td> <td data-bbox="798 884 995 922">ditto</td> <td data-bbox="995 884 1190 922">ditto</td> </tr> <tr> <td data-bbox="336 922 600 960">SAT</td> <td data-bbox="600 922 798 960">Holiday</td> <td data-bbox="798 922 995 960">Holiday</td> <td data-bbox="995 922 1190 960">Holiday</td> </tr> <tr> <td data-bbox="336 960 600 1028">third Sat of every month</td> <td data-bbox="600 960 798 1028">Concerned as a working day</td> <td data-bbox="798 960 995 1028">Concerned as a working day</td> <td data-bbox="995 960 1190 1028">Concerned as a working day</td> </tr> <tr> <td data-bbox="336 1028 600 1095">Aug 10 to Aug 20 Dec 29 to Jan 4</td> <td data-bbox="600 1028 798 1095">Holiday</td> <td data-bbox="798 1028 995 1095">Holiday</td> <td data-bbox="995 1028 1190 1095">Holiday</td> </tr> <tr> <td data-bbox="336 1095 600 1162">Dec 28</td> <td data-bbox="600 1095 798 1162">9:00 AM-12:00 PM Service hours</td> <td data-bbox="798 1095 995 1162">9:00 AM-12:00 PM Service hours</td> <td data-bbox="995 1095 1190 1162">Holiday</td> </tr> <tr> <td data-bbox="336 1162 600 1272">Jan 5</td> <td data-bbox="600 1162 798 1272">10:00 AM-3:00 PM Service hours</td> <td data-bbox="798 1162 995 1272">9:00 AM-12:00 PM Service hours 12:00 PM-1:00 PM Lunch break</td> <td data-bbox="995 1162 1190 1272">9:00 AM-2:30 PM Duty hours</td> </tr> </tbody> </table>	Zone name Day of week	Zone 1F	Zone 2F	Zone 3F	SUN	Holiday	Holiday	Holiday	MON	9:30 AM-6:00 PM Duty hours	8:30 AM-5:00 PM Duty hours 12:00 PM-1:00 PM Lunch break 5:00 PM-10:00 PM Overtime hours 10:00 PM Closing office	9:00 AM-2:30 PM Duty hours	TUE	ditto	ditto	ditto	WED	9:30 AM-5:00 PM Duty hours	ditto	ditto	THU	same as Mon	ditto	ditto	FRI	same as Mon	ditto	ditto	SAT	Holiday	Holiday	Holiday	third Sat of every month	Concerned as a working day	Concerned as a working day	Concerned as a working day	Aug 10 to Aug 20 Dec 29 to Jan 4	Holiday	Holiday	Holiday	Dec 28	9:00 AM-12:00 PM Service hours	9:00 AM-12:00 PM Service hours	Holiday	Jan 5	10:00 AM-3:00 PM Service hours	9:00 AM-12:00 PM Service hours 12:00 PM-1:00 PM Lunch break	9:00 AM-2:30 PM Duty hours	-
Zone name Day of week	Zone 1F	Zone 2F	Zone 3F																																															
SUN	Holiday	Holiday	Holiday																																															
MON	9:30 AM-6:00 PM Duty hours	8:30 AM-5:00 PM Duty hours 12:00 PM-1:00 PM Lunch break 5:00 PM-10:00 PM Overtime hours 10:00 PM Closing office	9:00 AM-2:30 PM Duty hours																																															
TUE	ditto	ditto	ditto																																															
WED	9:30 AM-5:00 PM Duty hours	ditto	ditto																																															
THU	same as Mon	ditto	ditto																																															
FRI	same as Mon	ditto	ditto																																															
SAT	Holiday	Holiday	Holiday																																															
third Sat of every month	Concerned as a working day	Concerned as a working day	Concerned as a working day																																															
Aug 10 to Aug 20 Dec 29 to Jan 4	Holiday	Holiday	Holiday																																															
Dec 28	9:00 AM-12:00 PM Service hours	9:00 AM-12:00 PM Service hours	Holiday																																															
Jan 5	10:00 AM-3:00 PM Service hours	9:00 AM-12:00 PM Service hours 12:00 PM-1:00 PM Lunch break	9:00 AM-2:30 PM Duty hours																																															

System setting Menu Name	Example: Scheduling	Reference																																																																																																																				
Determining Schedule Events	<p>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 and third Saturday of every month.</p> <table border="1" data-bbox="386 282 1238 600"> <thead> <tr> <th>Time</th> <th>Target Zone</th> <th>Start/Stop</th> <th>Override</th> <th>Operation mode</th> <th>Setpoint</th> <th>Remote Controller Code</th> </tr> </thead> <tbody> <tr> <td>8:30 AM</td> <td>Zone 2F</td> <td>ON</td> <td>—</td> <td>Null</td> <td>Null</td> <td>Assign priority to key push later</td> </tr> <tr> <td>12:00 PM</td> <td>Zone 2F</td> <td>OFF</td> <td>—</td> <td>Null</td> <td>C: 84°F H: 60°F</td> <td>Null</td> </tr> <tr> <td>1:00 PM</td> <td>Zone 2F</td> <td>ON</td> <td>—</td> <td>Null</td> <td>Null</td> <td>Assign priority to key push later</td> </tr> <tr> <td>5:00 PM</td> <td>Zone 2F</td> <td>OFF</td> <td>Permit</td> <td>Null</td> <td>C: 84°F H: 60°F</td> <td>Assign priority to key push later</td> </tr> <tr> <td>10:00 PM</td> <td>Zone 2F</td> <td>OFF</td> <td>—</td> <td>Null</td> <td>C: 84°F H: 60°F</td> <td>Prohibits remote controller operations</td> </tr> </tbody> </table> <p>Example: event settings for Sat, Sun and Summer holiday, etc.</p> <table border="1" data-bbox="386 645 1238 801"> <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 AM</td> <td>Zone 2F</td> <td>Null</td> <td>Null</td> <td>Null</td> <td>Assign priority to key push later</td> </tr> <tr> <td>5:00 PM</td> <td>Zone 2F</td> <td>OFF</td> <td>Null</td> <td>C: 84°F H: 60°F</td> <td>Prohibits remote controller operations</td> </tr> </tbody> </table> <p>Example: event settings for Ex1 (Dec 28)</p> <table border="1" data-bbox="386 846 1238 1059"> <thead> <tr> <th>Time</th> <th>Target Zone</th> <th>Start/Stop</th> <th>Override</th> <th>Operation mode</th> <th>Setpoint</th> <th>Remote Controller Code</th> </tr> </thead> <tbody> <tr> <td>9:00 AM</td> <td>Zone 2F</td> <td>ON</td> <td>—</td> <td>HEAT</td> <td>C: Null H: 72°F</td> <td>Assign priority to key push later Prohibits setpoint setting Prohibits operation mode setting</td> </tr> <tr> <td>12:00 PM</td> <td>Zone 2F</td> <td>OFF</td> <td>—</td> <td>Null</td> <td>C: Null H: 60°F</td> <td>Prohibits remote controller operations</td> </tr> </tbody> </table> <p>Example: event settings for Ex2 (Jan 5)</p> <table border="1" data-bbox="386 1104 1238 1462"> <thead> <tr> <th>Time</th> <th>Target Zone</th> <th>Start/Stop</th> <th>Override</th> <th>Operation mode</th> <th>Setpoint</th> <th>Remote Controller Code</th> </tr> </thead> <tbody> <tr> <td>10:00 AM</td> <td>Zone 2F</td> <td>ON</td> <td>—</td> <td>HEAT</td> <td>C: Null H: 72°F</td> <td>Assign priority to key push later Prohibits setpoint setting Prohibits operation mode setting</td> </tr> <tr> <td>12:00 PM</td> <td>Zone 2F</td> <td>OFF</td> <td>—</td> <td>Null</td> <td>C: Null H: 60°F</td> <td>Null</td> </tr> <tr> <td>1:00 PM</td> <td>Zone 2F</td> <td>ON</td> <td>—</td> <td>Null</td> <td>C: Null H: 72°F</td> <td>Assign priority to key push later Prohibits setpoint setting Prohibits operation mode setting</td> </tr> <tr> <td>3:00 PM</td> <td>Zone 2F</td> <td>OFF</td> <td>—</td> <td>Null</td> <td>C: Null H: 60°F</td> <td>Prohibits remote controller operations</td> </tr> </tbody> </table> <p>* Null indicates that the previous state is maintained in the time frame. Setpoint described above means Setpoint for On and Setback setpoint for Off. C: and H: indicate the cooling and heating setpoint respectively.</p>	Time	Target Zone	Start/Stop	Override	Operation mode	Setpoint	Remote Controller Code	8:30 AM	Zone 2F	ON	—	Null	Null	Assign priority to key push later	12:00 PM	Zone 2F	OFF	—	Null	C: 84°F H: 60°F	Null	1:00 PM	Zone 2F	ON	—	Null	Null	Assign priority to key push later	5:00 PM	Zone 2F	OFF	Permit	Null	C: 84°F H: 60°F	Assign priority to key push later	10:00 PM	Zone 2F	OFF	—	Null	C: 84°F H: 60°F	Prohibits remote controller operations	Time	Target Zone	Start/Stop	Operation mode	Setpoint	Remote Controller Code	9:00 AM	Zone 2F	Null	Null	Null	Assign priority to key push later	5:00 PM	Zone 2F	OFF	Null	C: 84°F H: 60°F	Prohibits remote controller operations	Time	Target Zone	Start/Stop	Override	Operation mode	Setpoint	Remote Controller Code	9:00 AM	Zone 2F	ON	—	HEAT	C: Null H: 72°F	Assign priority to key push later Prohibits setpoint setting Prohibits operation mode setting	12:00 PM	Zone 2F	OFF	—	Null	C: Null H: 60°F	Prohibits remote controller operations	Time	Target Zone	Start/Stop	Override	Operation mode	Setpoint	Remote Controller Code	10:00 AM	Zone 2F	ON	—	HEAT	C: Null H: 72°F	Assign priority to key push later Prohibits setpoint setting Prohibits operation mode setting	12:00 PM	Zone 2F	OFF	—	Null	C: Null H: 60°F	Null	1:00 PM	Zone 2F	ON	—	Null	C: Null H: 72°F	Assign priority to key push later Prohibits setpoint setting Prohibits operation mode setting	3:00 PM	Zone 2F	OFF	—	Null	C: Null H: 60°F	Prohibits remote controller operations	<p>See page [32]</p> <p>See page [34]</p>
Time	Target Zone	Start/Stop	Override	Operation mode	Setpoint	Remote Controller Code																																																																																																																
8:30 AM	Zone 2F	ON	—	Null	Null	Assign priority to key push later																																																																																																																
12:00 PM	Zone 2F	OFF	—	Null	C: 84°F H: 60°F	Null																																																																																																																
1:00 PM	Zone 2F	ON	—	Null	Null	Assign priority to key push later																																																																																																																
5:00 PM	Zone 2F	OFF	Permit	Null	C: 84°F H: 60°F	Assign priority to key push later																																																																																																																
10:00 PM	Zone 2F	OFF	—	Null	C: 84°F H: 60°F	Prohibits remote controller operations																																																																																																																
Time	Target Zone	Start/Stop	Operation mode	Setpoint	Remote Controller Code																																																																																																																	
9:00 AM	Zone 2F	Null	Null	Null	Assign priority to key push later																																																																																																																	
5:00 PM	Zone 2F	OFF	Null	C: 84°F H: 60°F	Prohibits remote controller operations																																																																																																																	
Time	Target Zone	Start/Stop	Override	Operation mode	Setpoint	Remote Controller Code																																																																																																																
9:00 AM	Zone 2F	ON	—	HEAT	C: Null H: 72°F	Assign priority to key push later Prohibits setpoint setting Prohibits operation mode setting																																																																																																																
12:00 PM	Zone 2F	OFF	—	Null	C: Null H: 60°F	Prohibits remote controller operations																																																																																																																
Time	Target Zone	Start/Stop	Override	Operation mode	Setpoint	Remote Controller Code																																																																																																																
10:00 AM	Zone 2F	ON	—	HEAT	C: Null H: 72°F	Assign priority to key push later Prohibits setpoint setting Prohibits operation mode setting																																																																																																																
12:00 PM	Zone 2F	OFF	—	Null	C: Null H: 60°F	Null																																																																																																																
1:00 PM	Zone 2F	ON	—	Null	C: Null H: 72°F	Assign priority to key push later Prohibits setpoint setting Prohibits operation mode setting																																																																																																																
3:00 PM	Zone 2F	OFF	—	Null	C: Null H: 60°F	Prohibits remote controller operations																																																																																																																
Copying or Deleting Schedule Programs	You can copy or delete existing schedule programs.	See page [35]																																																																																																																				
Copying or Deleting Schedule Events	You can copy or delete existing schedule events.	See page [36]																																																																																																																				
Naming a Schedule	You can change a default schedule name to a descriptive one.	See page [36]																																																																																																																				

System setting Menu Name	Functional outline	Reference
Proportional distribution function Outline explanation	<p>The proportional distribution calculation of the power consumption of each air conditioner is made, displayed, and output in file.</p> <p>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.</p> <ul style="list-style-type: none"> • Normal Type The amount of power consumption can be divided proportionally. <p>* The function is available on the website if it is used together with the proportional distribution software as an optional application.</p> <p>The following web setting and control items of the proportional distribution function are available.</p> <p><Setting items></p> <ul style="list-style-type: none"> • Excluded Time (Normal Type) • Special Calculation Days (Normal Type) <p><Control items></p> <ul style="list-style-type: none"> • Setting/Display of collection result • File output of collection result <p>A procedure for proportional distribution control is explained below.</p> <ul style="list-style-type: none"> • 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. <p>* For details, refer to the operation manual of the intelligent Touch Controller software.</p>	<p>See page [38]</p> <p>See page [39]</p> <p>See page [40]</p> <p>See page [43]</p>

6-2 System Settings

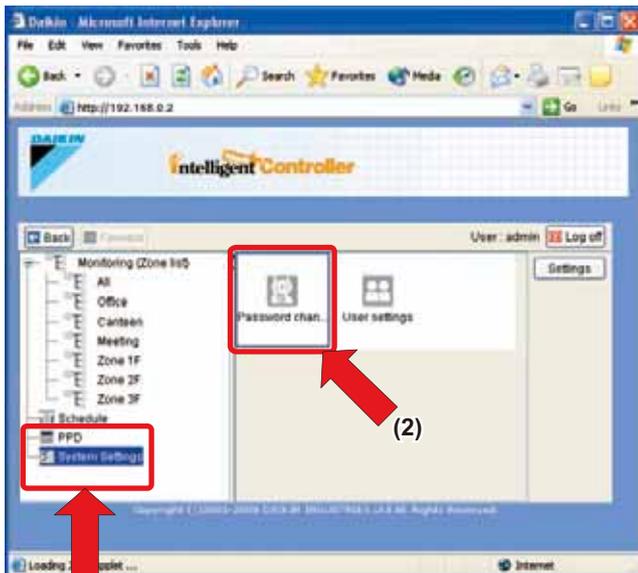
This menu item provides the following functions:

- Changing passwords (This page and next page)
- Registration/deletion of General Users (See page 28 to 29)
- Assigning one or more Zones to each General User (See page 29)

[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).

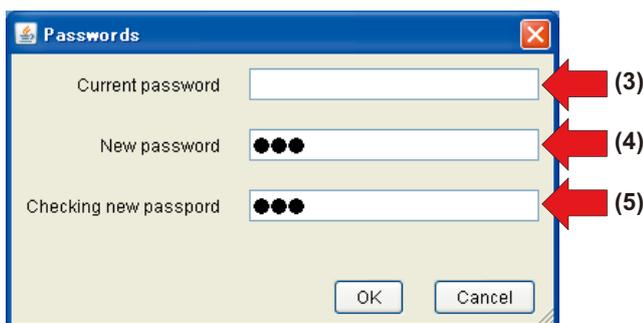
Screen 1: System Settings main screen



(1)

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 button.

⚠ CAUTION

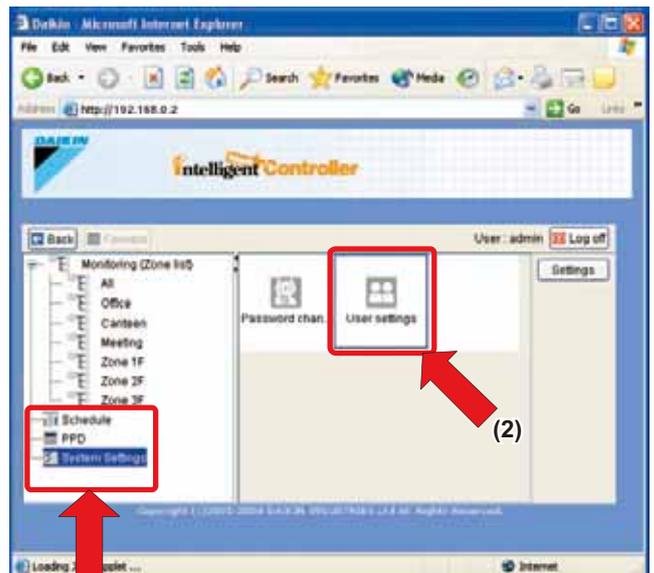
Administrator passwords for web interface and console

When a new Administrator password is set in this screen, it becomes the same password necessary to operate the System 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).

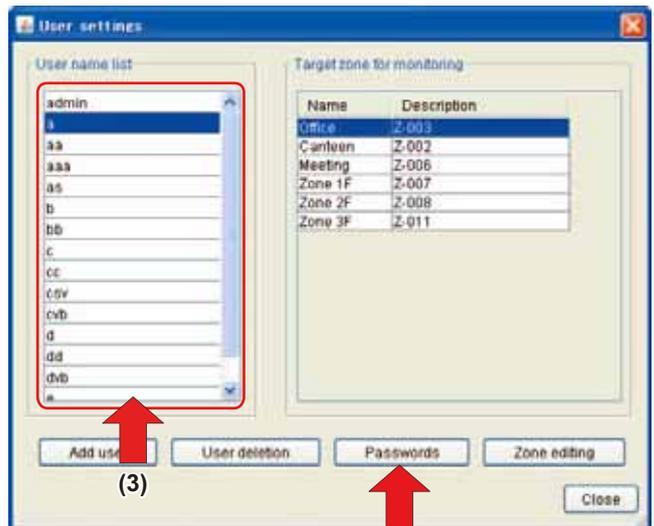
Screen 1: System Settings main screen



(1)

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

Screen 2: User settings dialog box



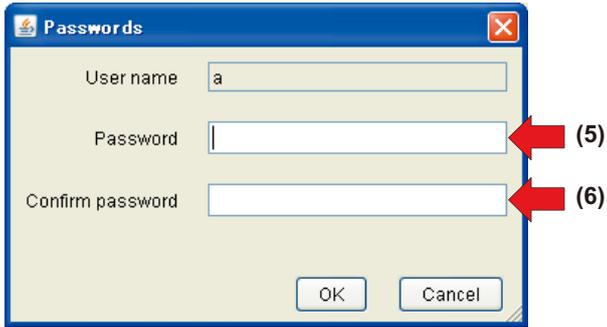
(3)

(4)

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



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

5. Upon completion, click the button.

To cancel your entry, click the button.

NOTE

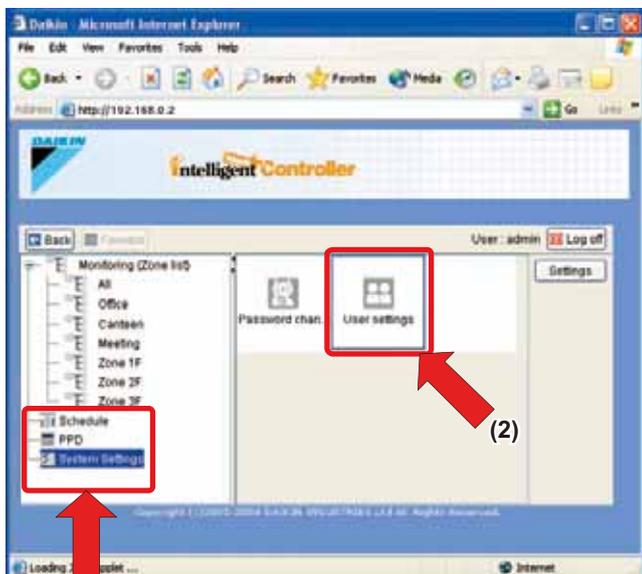
- You also can change the Administrator password in the User settings dialog box (Screen 2) by selecting **admin** rather than a user name in the step 3.

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

[To Register a General User]

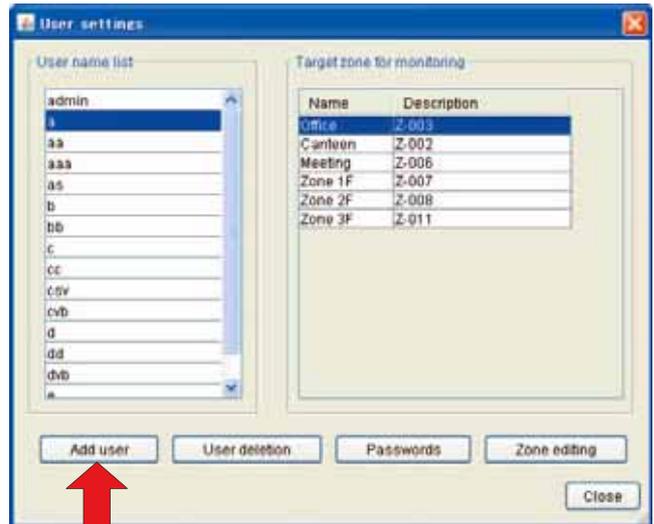
1. Log into the interface as the Administrator, and select the System Settings node (1) from the zone tree area on the left side to display the System Settings main screen (Screen 1).

Screen 1: System Settings main screen



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

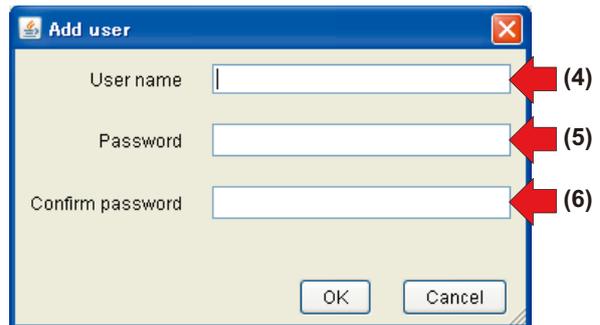
Screen 2: User settings dialog box



(3)

3. Click the 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.

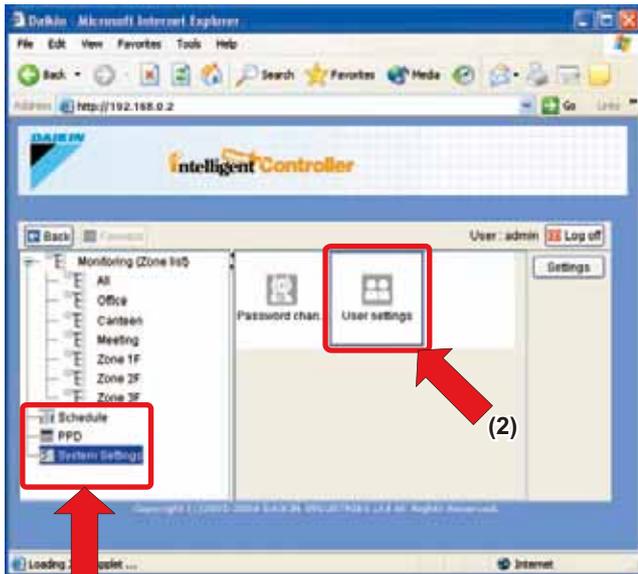
6. Upon completion, click the button.

To cancel your entry, click the 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).

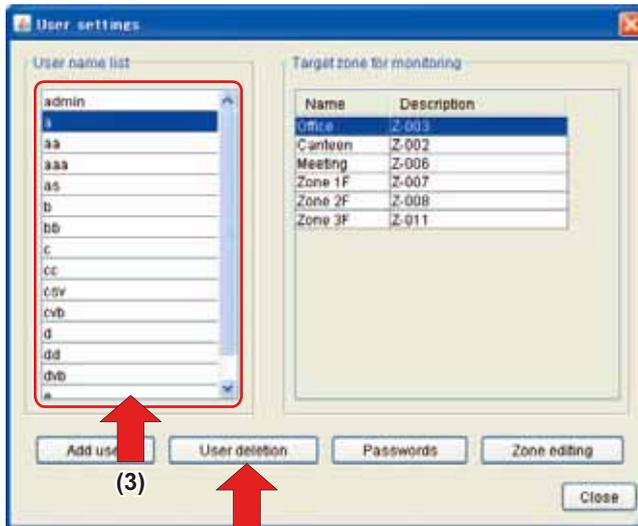
Screen 1: System Settings main screen



(1)

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

Screen 2: User settings dialog box



(3)

(4)

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

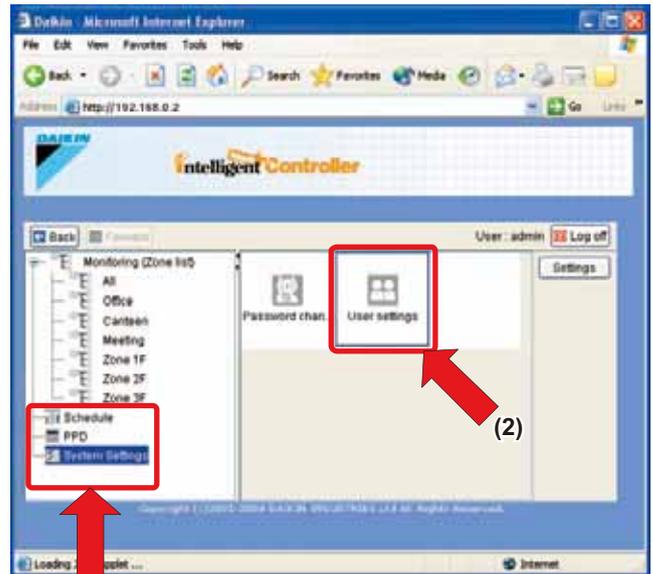
Screen 3: user deletion dialog box



[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).

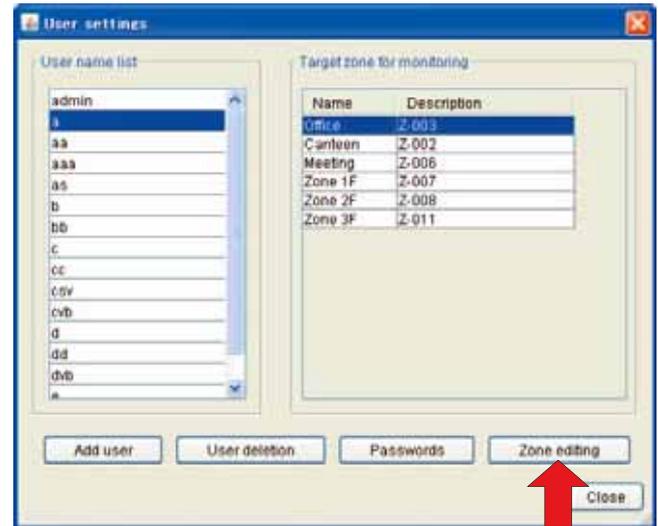
Screen 1: System Settings main screen



(1)

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

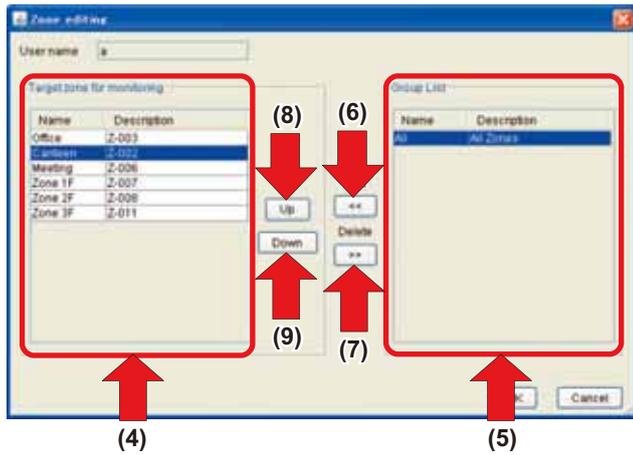
Screen 2: User settings dialog box



(3)

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 (8) and (9) buttons.

6. Upon completion, click the button.

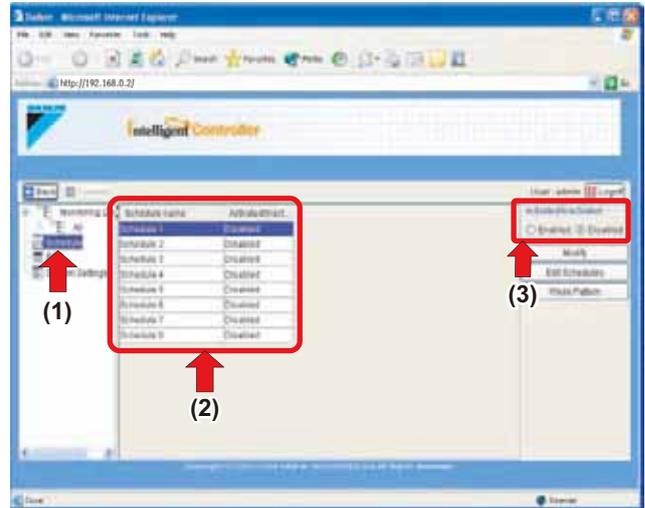
To cancel your entry, click the button.

7. CREATING SCHEDULES

7-1 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.



Displays the Schedule screen.

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



Displays the Edit Schedule screen.

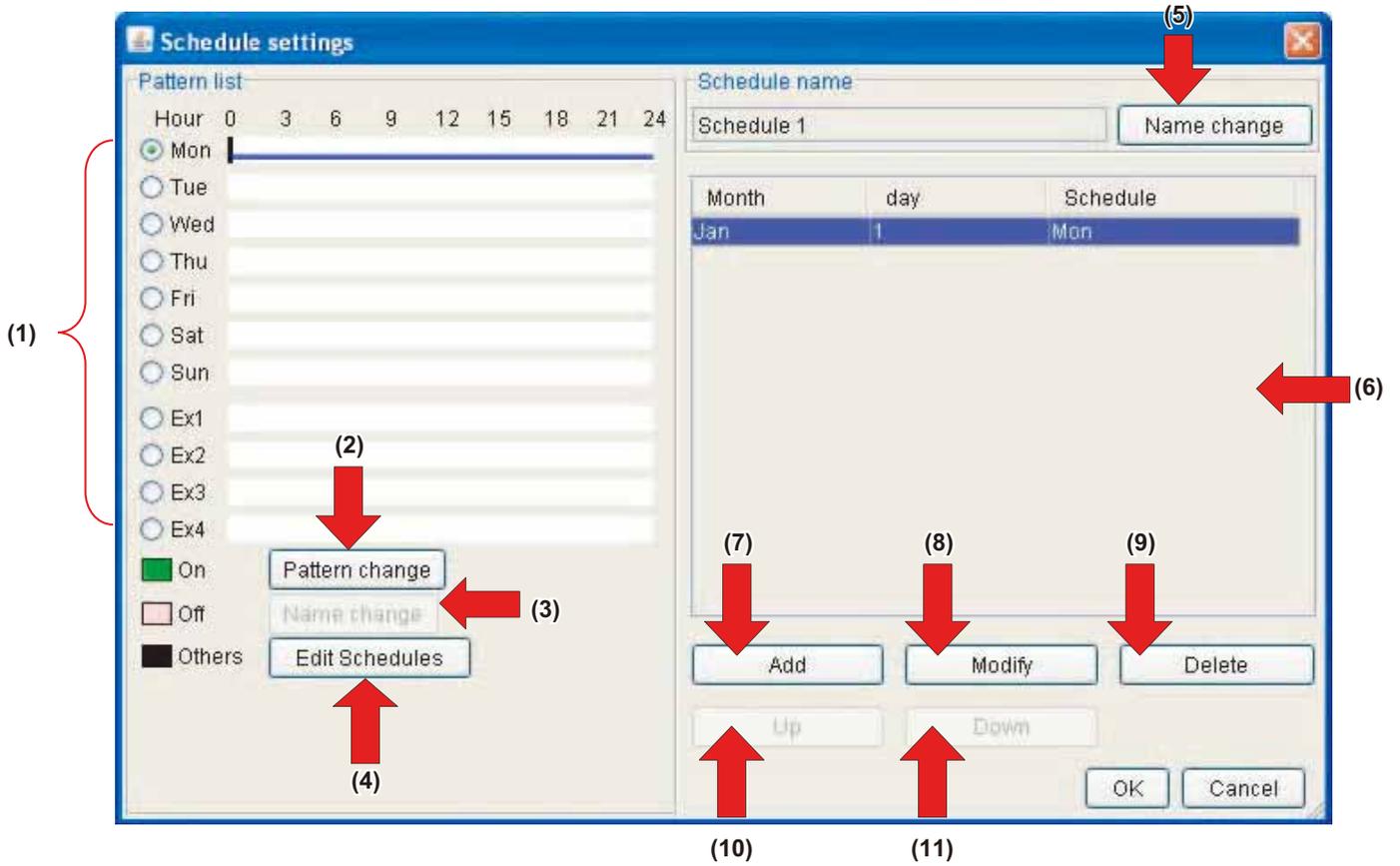
For the description of how to use this button, see the page 35.



Use this button to display the Week Pattern setting screen.

For the description of how to use this button, see the page 37.

7-2 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 33)

(2) Pattern change

Changes schedule patterns. (See page 32)

(3) Name change

Renames Ex schedule patterns. (See page 36)

(4) Edit Schedules

Copies or deletes schedule patterns. (See page 35)

(5) Name change

Renames schedule programs displayed on the main scheduling screen. (See page 36)

(6) Calendar list

Set exception days are listed.

(7) Add

Add a exception day. (See page 35.)

(8) Modify

Change the setting of the exception day.

(9) Delete

Delete the exception day.

(10) Up

Raise the entry order of the exception day by one.

(11) Down

Lower the entry order of the exception day by one.

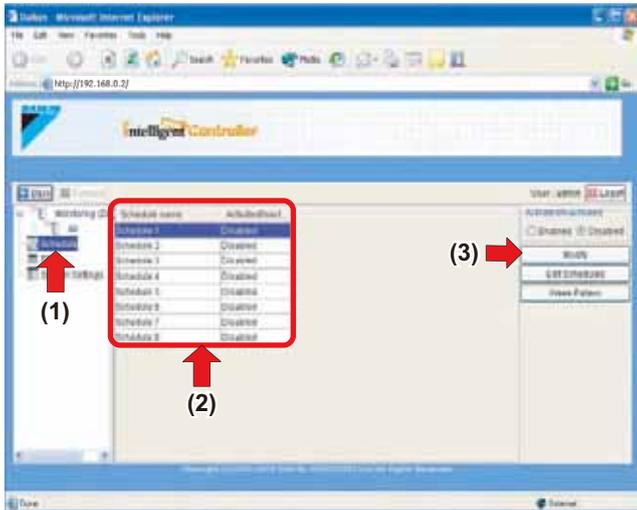
7-3 Using the Schedule Menu

■ To edit a schedule program

Procedure

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

Screen1: Main scheduling screen

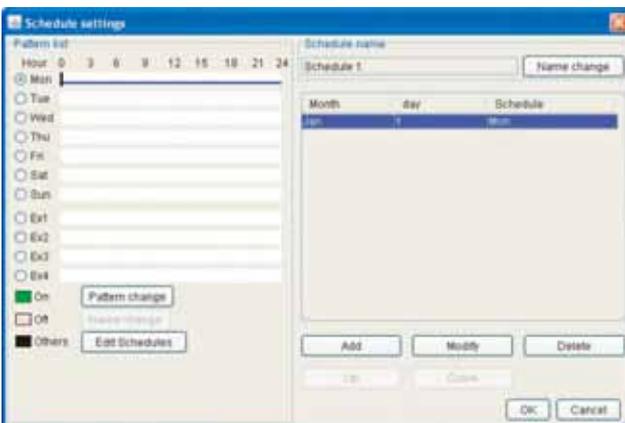


2. The schedule program list (2) is displayed. You can create up to 8 schedule programs. Select the schedule program you want to set up or change, and click the

(3) button.

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

Screen 2: Schedule screen



See the following pages for the instructions.

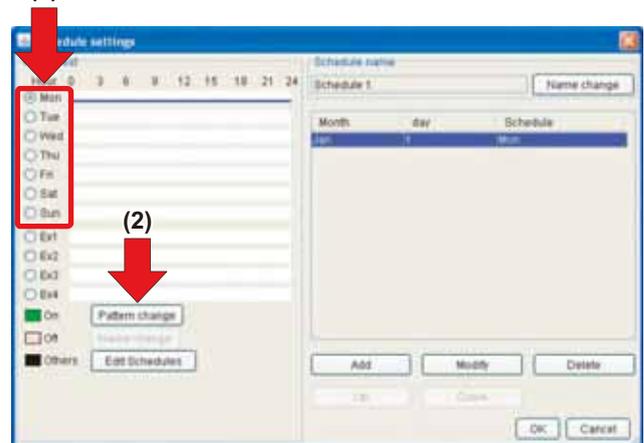
- Regular schedule pattern: (This page)
- Ex schedule pattern: (See page 34)

7-4 Creating Regular Schedule Patterns

■ To create regular schedule patterns

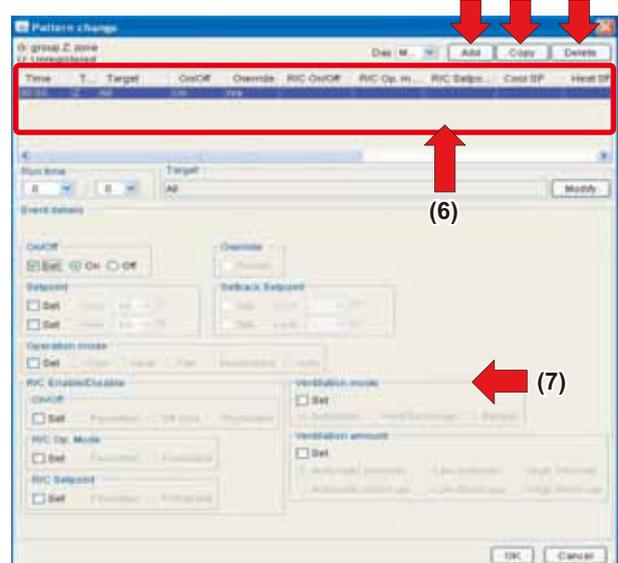
1. To create regular schedule patterns (Sun to Sat), select a target day of the week by clicking an appropriate pattern radio button (1).

(1) Screen1: Schedule screen

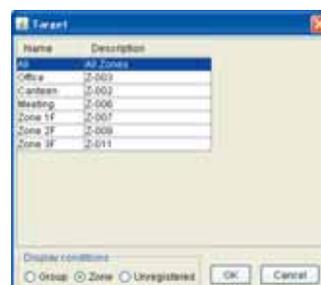


2. Click the button (2) to display the Pattern change dialog box (Screen 2).

Screen 2: Pattern change dialog box



Screen 3: Target dialog box



3. To add a new schedule event, click the 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.

4. 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:

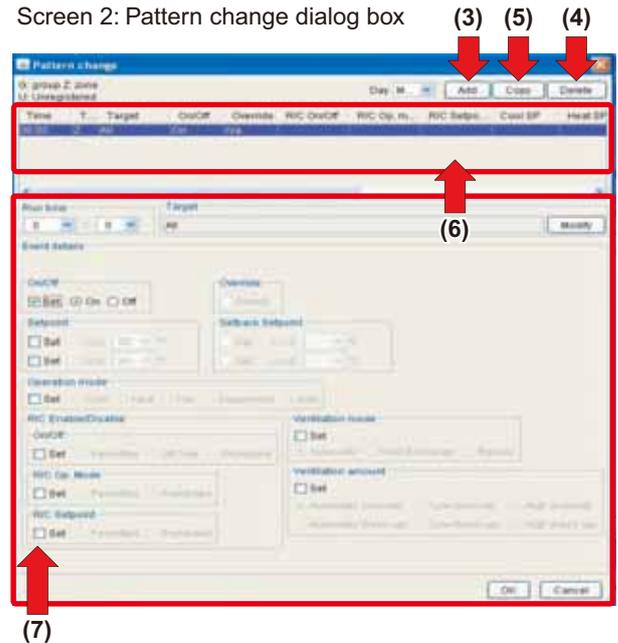
- **Run time:**
Set a time value that indicates when the event should occur using the pull-down menus.
- **Target:**
Set/change a target zone or group.
Click the button to display the Target dialog box (Screen 3), where you can select a target group or zone.
- **On/Off:**
Select an action (On or Off) that the event triggers using the radio buttons.
- **Override**
Set Override using the checkbox.
- **R/C Setpoint:**
Set the setpoint value for the selected zone or group using the radio buttons.
- **Setback Setpoint**
Set a setback setpoint temperature for the zone using the pull-down menu.
- **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:
 - **On/Off:**
Permit or prohibit the On/Off 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 setpoint 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.

5. Upon completion, click the button on the Pattern change dialog box (Screen 2).

Screen 2: Pattern change dialog box



To cancel your selection, click the button.

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

Other Buttons

(4)

Deletes the event item selected in the schedule event list (6).

(5)

Duplicates a selected event item in the schedule event list (6).

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

Screen 4: Pattern bar



Screen 5: Example of pattern bars



- 9 : 00 ⇒ Starts
- 12 : 00 ⇒ Changes setpoint
- 15 : 00 ⇒ Stops



- 9 : 00 ⇒ Starts
- 9 : 15 ⇒ Changes setpoint
- 12 : 00 ⇒ Changes setpoint
- 15 : 00 ⇒ Stops



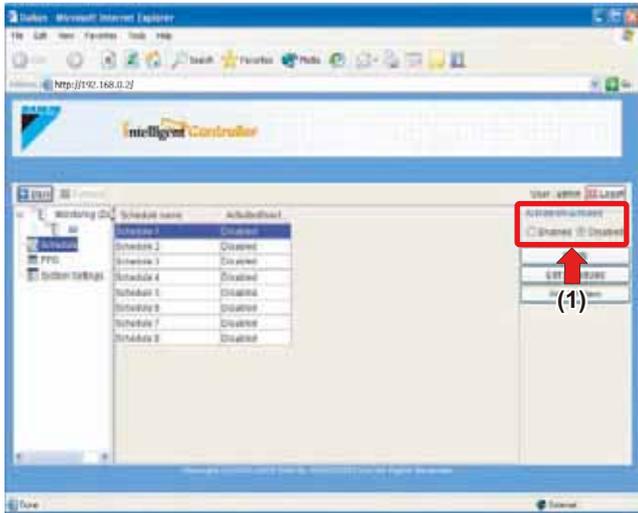
- 9 : 00 ⇒ Starts
- 9 : 30 ⇒ Changes operation mode
- 12 : 00 ⇒ Changes setpoint
- 15 : 00 ⇒ Stops

- (Green): On event
- (Pink): Off event
- (Black): Event other than On/Off events

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 button. Return to the main scheduling screen (Screen 6).

Screen 6: Main scheduling screen



7. In this screen you can enable the schedule program just created. By default it is disabled. Click the Enable (1) radio button to enable it.

CAUTION
 • Disabled schedule programs do not work.

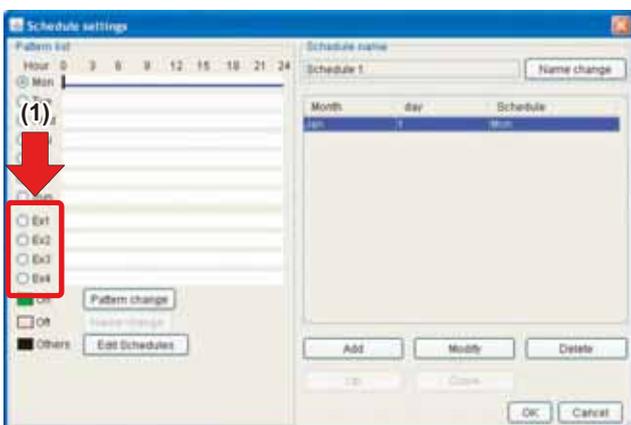
The regular schedule patterns are now created.

7-5 Creating Ex Schedule Patterns

■ To create Ex schedule patterns

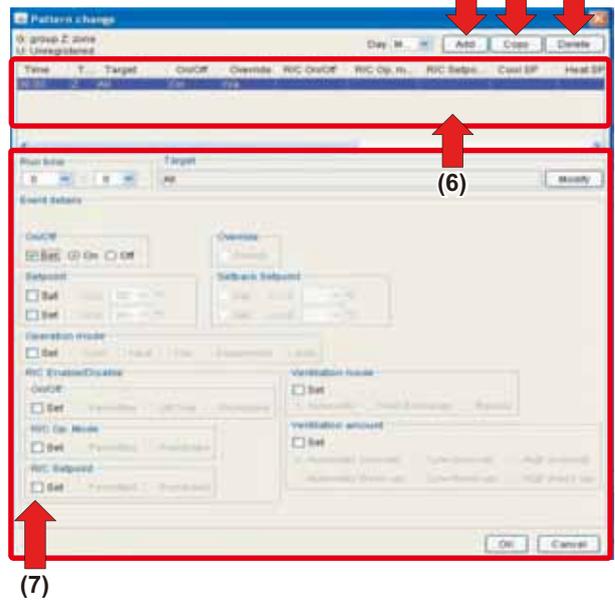
1. You can also create 10 extra schedule patterns (Ex1 to 4) in the Schedule screen (Screen 1). Click an appropriate radio button (1) to select the Ex schedule pattern to be set up or changed.

Screen 1: Schedule screen



2. Click the 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 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.

5. Upon completion, click the button on the Pattern change dialog box (Screen 2). To cancel your entry, click the 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.

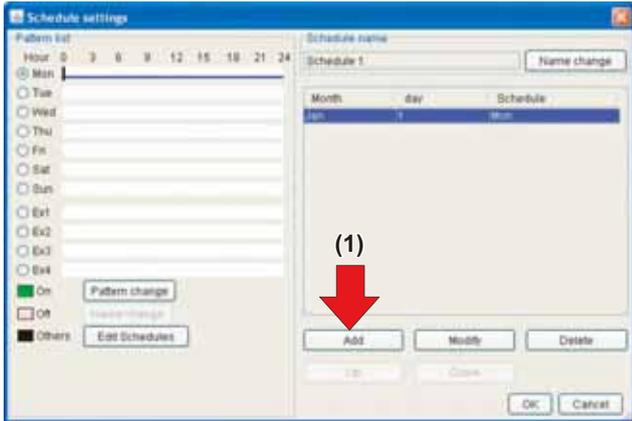
7. In the Schedule screen the schedule pattern bar in the figure (Screen 3) is displayed. For the description of each mark, see the **Creating Regular Schedule Patterns** section.

Screen 3: Pattern bar



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

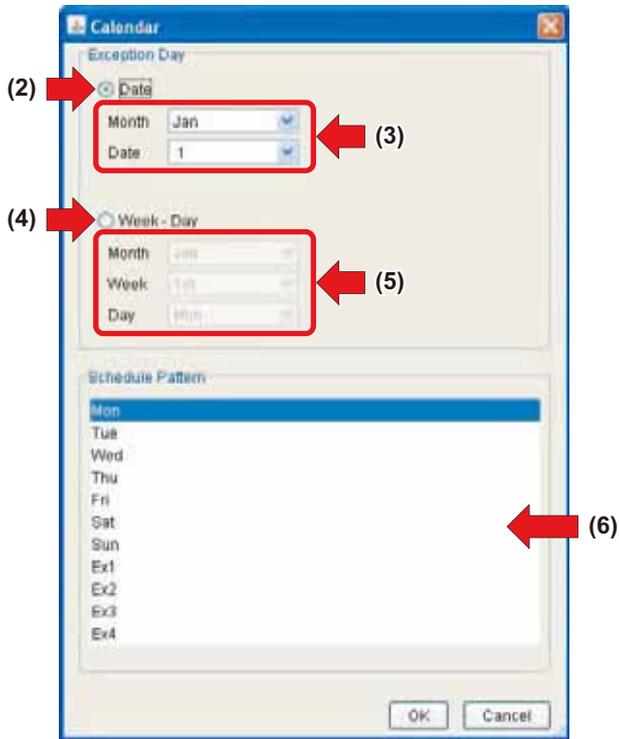
Screen 1: Schedule screen



8. Next, add a exception day.

(1) Press the .

Screen 2: Schedule screen



9. **Screen 2** The schedule calendar entry dialog is displayed.

To set a exception day by specifying a date (2) Check the radio button.
 Select the desired month and day from the (3) dialog box.
 To set a exception day by specifying a week and a day of the week (4) Check the radio button.
 Select the desired month, week and day from the (5) dialog box.
 Select a schedule pattern used for the exception day from the (6) list.

10. When you have finished setting, press the .

When you have finished setting, the schedule main screen is resumed.
 Enable/disable the preset schedule program here.
 The default setting is disabled. Enable it with the **Enable** radio button.

7-6 Copying or Deleting a Schedule Program

■ To copy or delete a schedule program

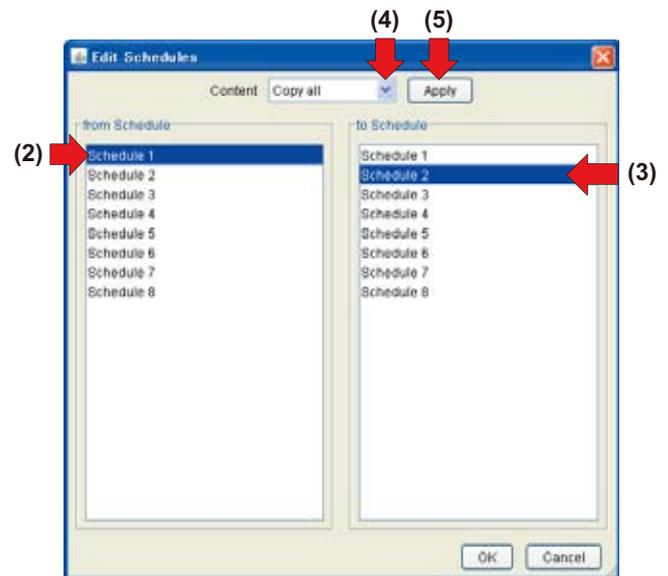
1. Click the button (1) in the main scheduling screen (Screen 1).

Screen 1: Main scheduling screen



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

Screen 2: Edit schedule screen



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.

Click the button (5).

Then click the button to complete the copy process.

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.

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

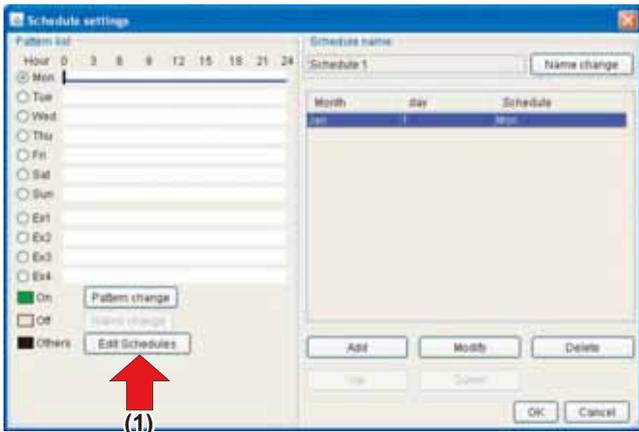
Then click the **OK** button to complete the copy process.

7-7 Copying or Deleting Schedule Events

■ To copy or delete schedule events

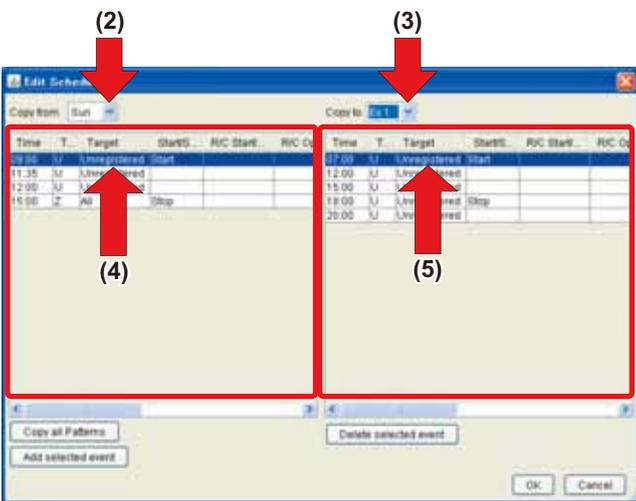
1. Click the **Edit Schedules** button (1) in the Schedule screen (Screen 1).

Screen 1: Schedule screen



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

Screen 2: Edit Schedule screen



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.

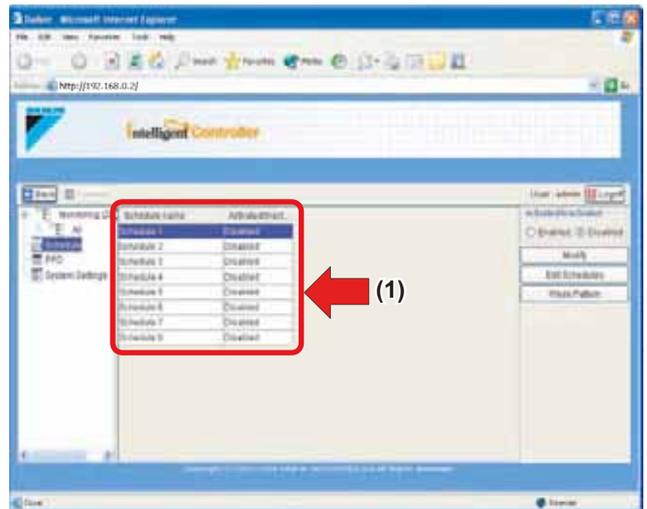
3. Then click the **OK** button to complete the copy process.

7-8 Naming a Schedule Program

■ To name a schedule program

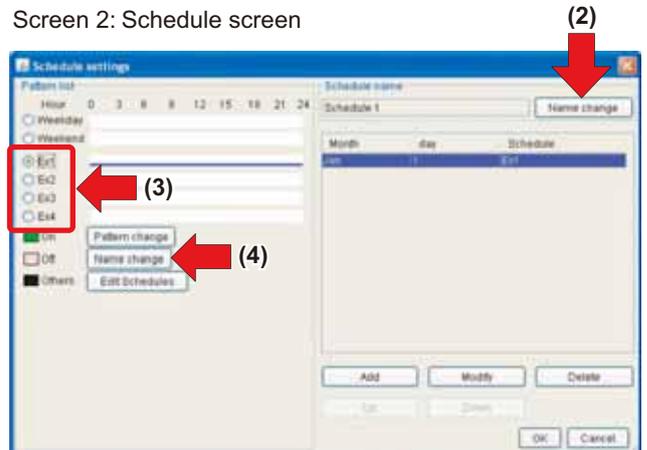
1. Select the schedule program to be named in the list (1) on the main scheduling screen (Screen 1), and click the **Modify** button.

Screen 1: Main scheduling screen



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

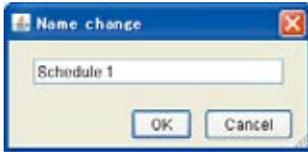
Screen 2: Schedule screen



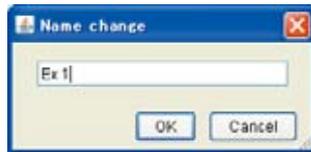
Click the button (2).

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:



Screen 4:



4. Click the 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 button (4).

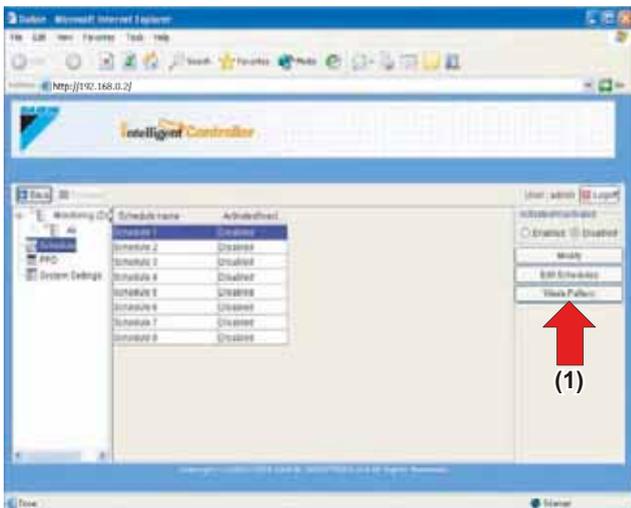
6. The Name Change dialog box (Screen 4) is displayed. Enter a name into the field of this box. Up to 16 characters can be entered.

7. Click the button to complete this process.

7-9 Procedure for setting a schedule week pattern

Change the setting of a schedule week pattern.

Screen1: Main scheduling screen

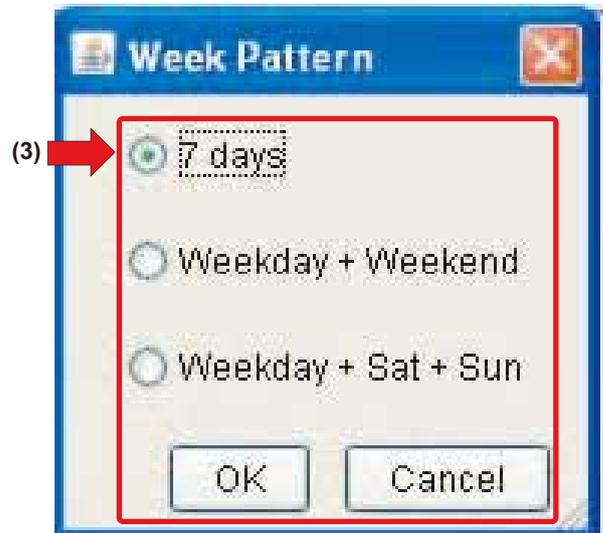


1. Select a schedule to set a week pattern.

(1) Press the .

Screen 2 The schedule week pattern setting dialog is displayed.

Screen 2: Week Pattern



2. Select the desired week pattern from (2) with a radio button.

When you have finished setting, press the .

Screen 3 The confirmation dialog is displayed.

Screen 3: Week Pattern



3. You will be asked to confirm that you wish to clear the schedule setting.

If this is fine, press the .

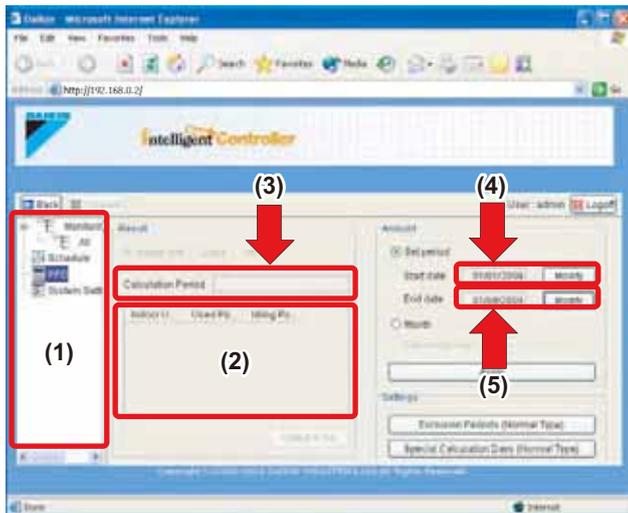
To cancel changes made to set a week pattern, press the

.

7-10 Menu Structure of Power 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.



7-11 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.

7-12 Buttons



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.



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

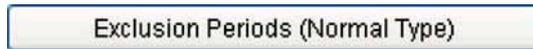
Month

You can select the desired month of proportional distribution.

*When the **Month** radio button is selected, the Set period radio button is grayed out.



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



Set the desired time zone and the day of the week for not performing proportional distribution calculation.



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

Indoor unit

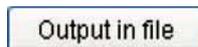
You can set the collection result list of proportional distribution data on an indoor unit basis.

Zone

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

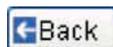
All

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

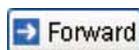


You can save the result list of proportional distribution data in CSV file format on the hard disk of the PC.

*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 4-4 Selecting Display Language)



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



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



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

7-13 Settings for Excluded Time (Normal Type)

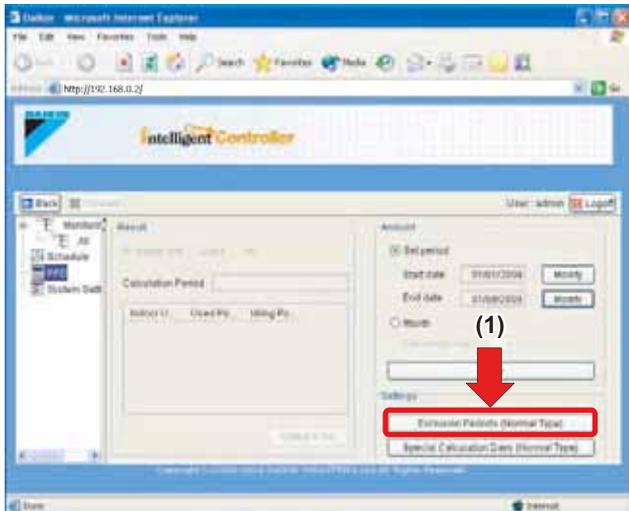
You can set the desired time zone between 0:00 and 24:00 and the day of the week for not performing proportional distribution calculation.

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.

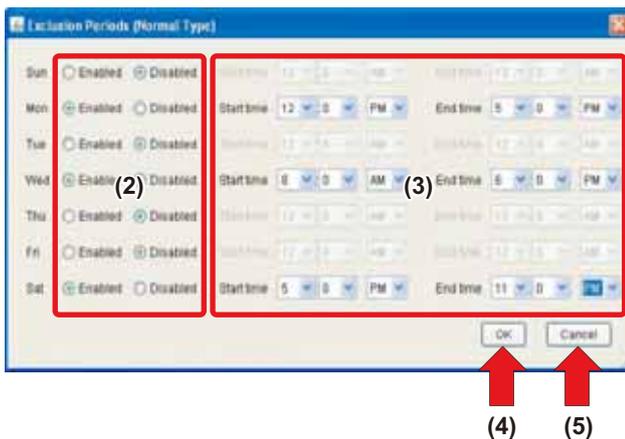
* You can make exclusion periods settings on a time zone basis (between 0:00 and 24:00) or on a day-of-the-week basis. These settings are made for the whole system, and you can make individual settings on a group or zone basis.

1. Press (1) **Exclusion Periods (Normal Type)** in the Main screen (Screen 1) for proportional distribution. Screen 2 for Excluded Time is displayed.

Screen 1: Main screen for proportional distribution



Screen 2: Screen for Excluded Time



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) **OK** on completion of the settings.

Press (5) **Cancel** to cancel the settings.

The Main screen (Screen 1) for proportional distribution is displayed.

7-14 Setting Special Calculation Days (Normal Type)

Take the following steps to set special calculation days.

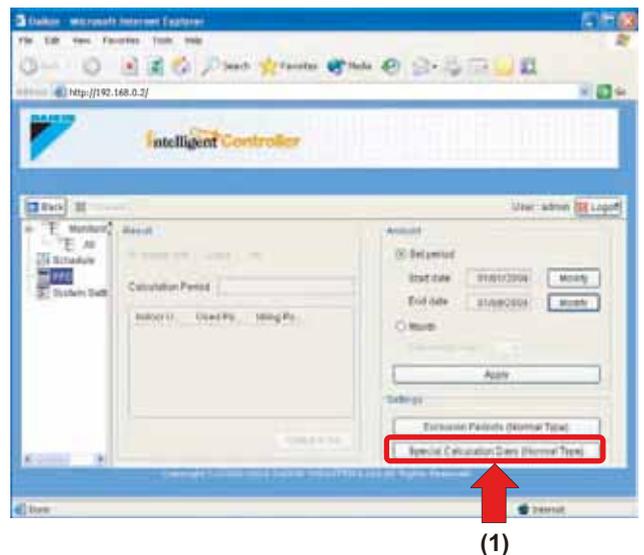
It is possible to make exceptional settings so that you can make the proportional distribution calculation of the already-set exclusion periods of any full day (i.e., 0.00 to 24:00) of the week.

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).

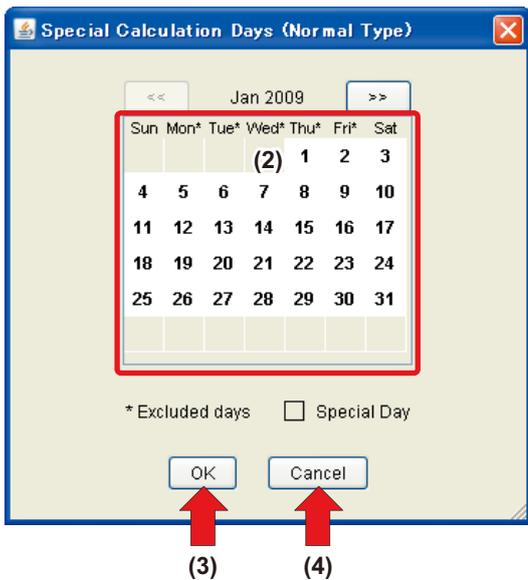
* You can make settings on a year basis, and the month and date that are set will be valid in the next year as well. If settings are made for February 29 of a leap year, the same setting will be effective on February 29 in the next leap year. This function has a setting range up to December 2037.

1. Press (1) **Special Calculation Days (Normal Type)** 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 2: Screen for special calculation days



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.

7-15 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.

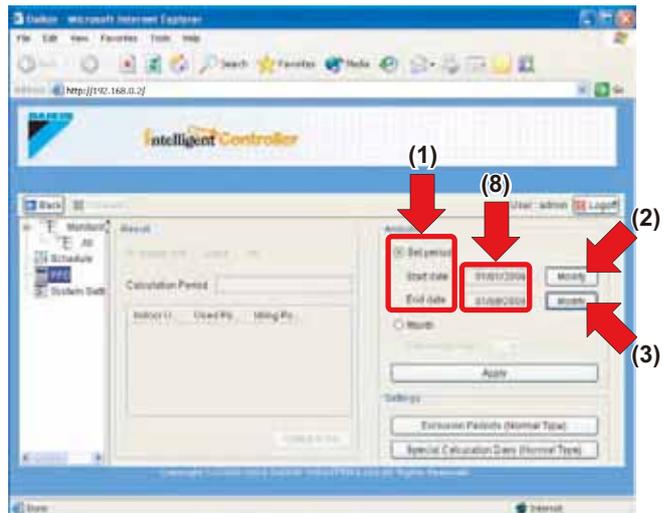
Example Use this function if you want to make a zone change or increase the number of air conditioners during a month and you want to see the proportional distribution results before and after the change or increment.

* 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.

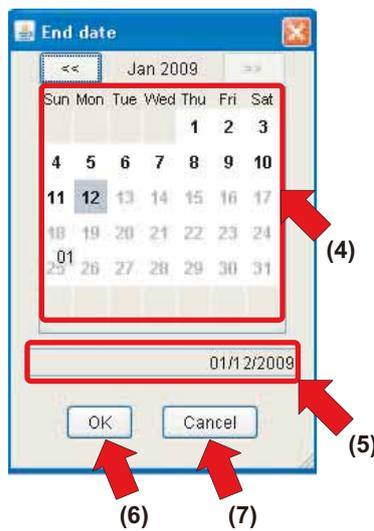
1. Select the Set period radio button from the collection field (1) in the Main screen for proportional distribution (Screen 1). The collection start date and end date appear.

* If the Month radio button is selected in the collection field (1), the collection start date, end date, and modify buttons are grayed out.

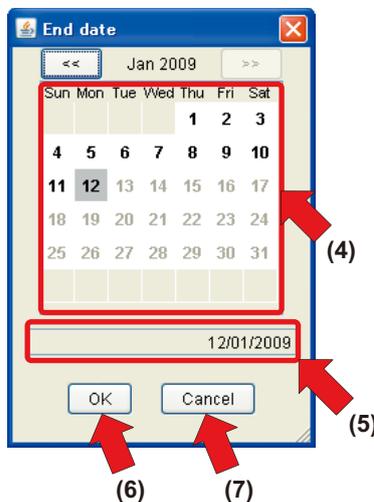
Screen 1: Main screen for proportional distribution



Screen 2: Screen for collection start date



Screen 3: Screen for collection end date



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.

7-16 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).

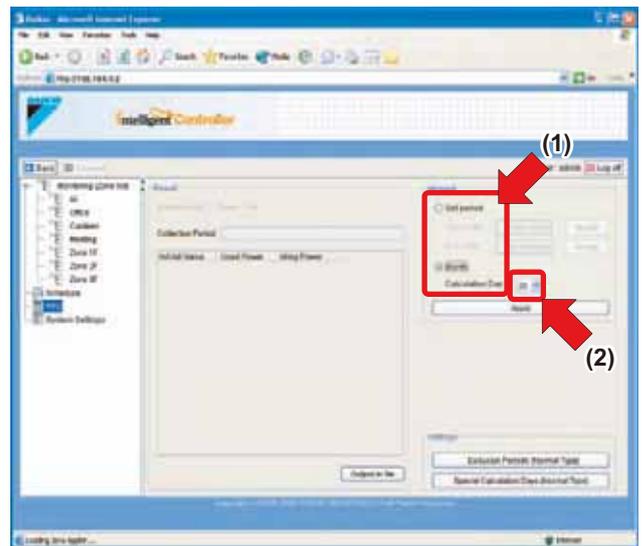
* The collection period is from 0:00 of the specified calculation date of the previous month to the 0:00 of the specified calculation date of the present month.

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.

Screen 1: Main screen for proportional distribution



Screen 2: Screen for calculation date



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.

7-17 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.

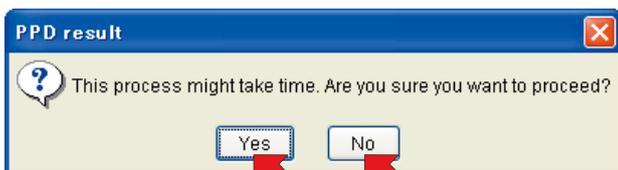
- Excluded Time (Normal Type).....(See page 38)
- Special Calculation Days (Normal Type).....(See page 39)
- Calculation period
Set period.....(See page 40)
Month.....(See page 41)

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) in the Main screen (Screen 1) for proportional distribution. Screen 2 for PPD Export Result is displayed.

Screen 1: Main screen for proportional distribution



Screen 2: Collection check



2. The message "This processing may take time. Start processing?" is displayed.

To start processing, press (2) .

If you do not want to start processing, press (3) .

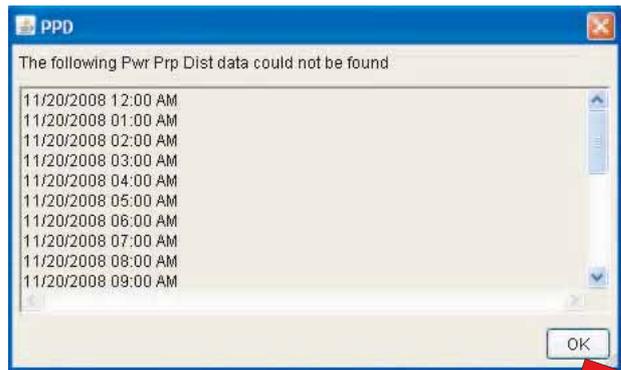
* The Main screen (Screen 1) displays when you press .

3. If there were periods when no collection data was obtained, Screen 3 for the collection result is displayed.

Press (4) .

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

Screen 3: Collection result



Go to the chapter 7-18.

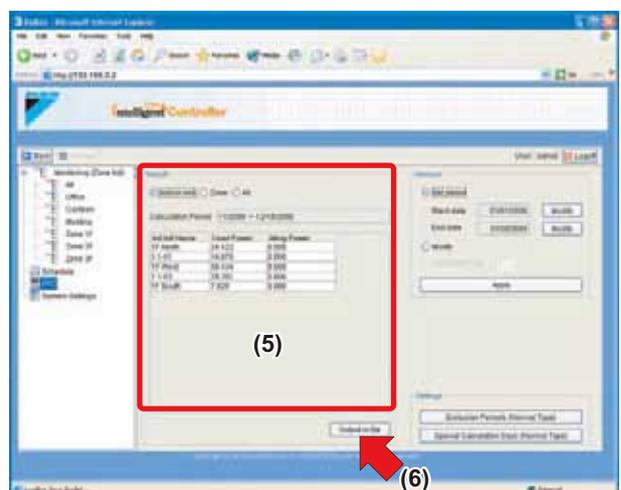
7-18 Display Method of Proportional Distribution Result-2

4. The collection result list (5) shows the result of proportional distribution.

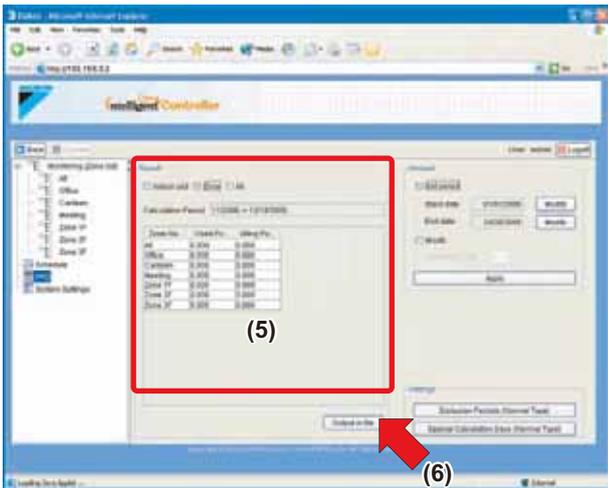
The contents of the display are explained below.

- 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.

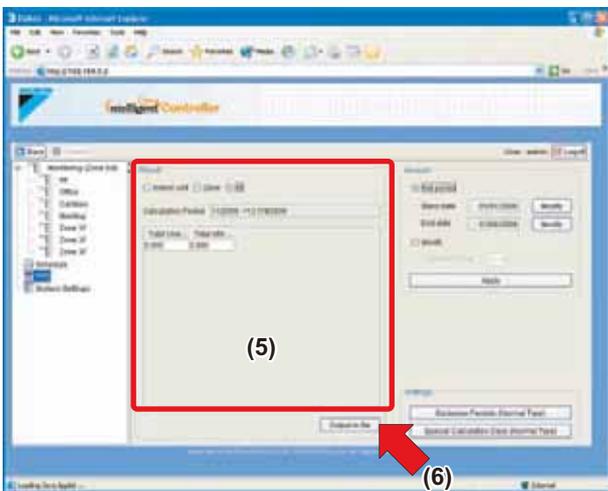
Screen 4: Screen for collection result of air conditioners



Screen 5: Screen for zone collection result



Screen 6: Screen for total collection result



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 (6) **Output in file** 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.

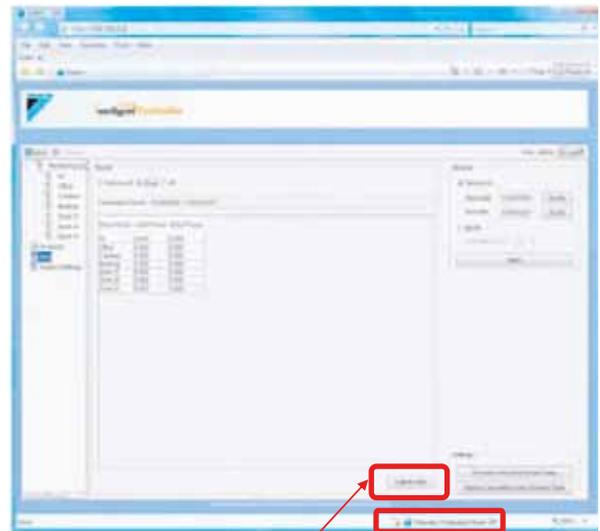
8. PRECAUTIONS FOR WINDOWS VISTA

8-1 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 **Output in file** button to save the aggregation results in a file, you need to turn OFF **Protected Mode** for Internet Explorer shown in the status bar. You cannot save the aggregation results in a file even if you click the **Output in file** button when **Protected Mode** is turned ON.

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

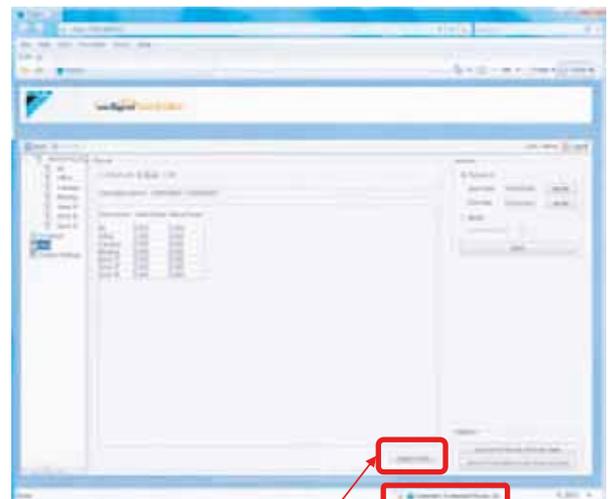
Protected Mode : Off



Clicking the **Output in file** button allows you to save the aggregation results in a file.

Protected Mode : Off

Protected Mode : On

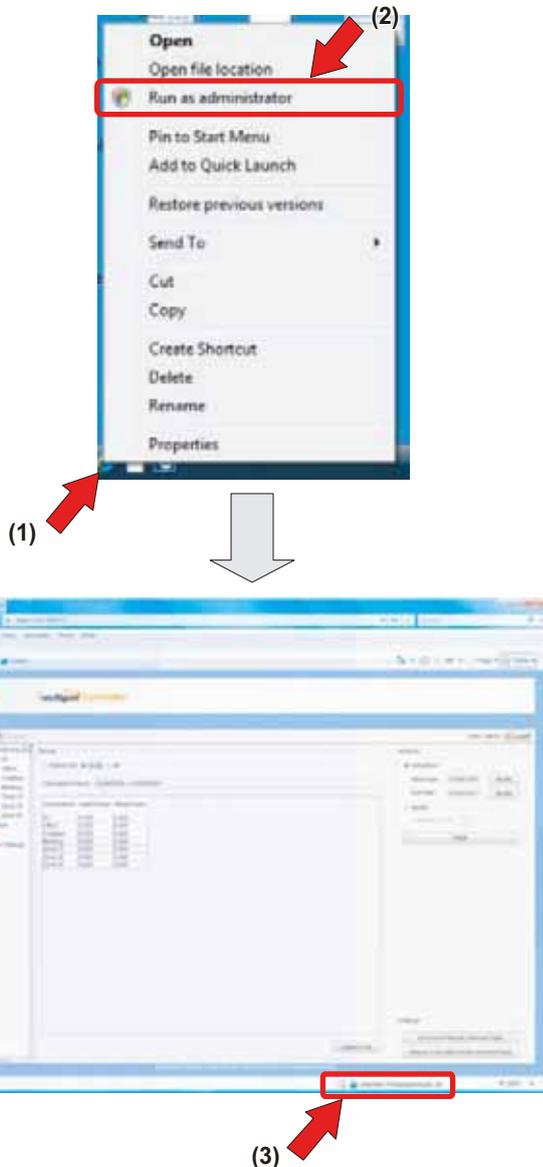


You cannot save the aggregation results in a file even if you click the **Output in file** button.

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**

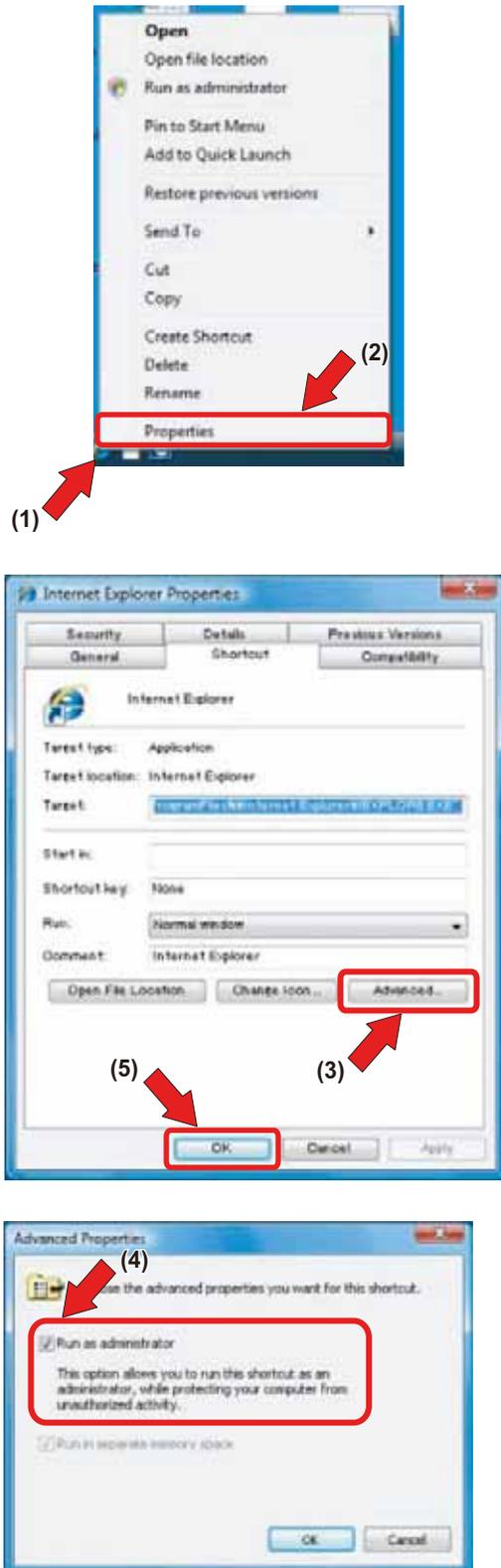


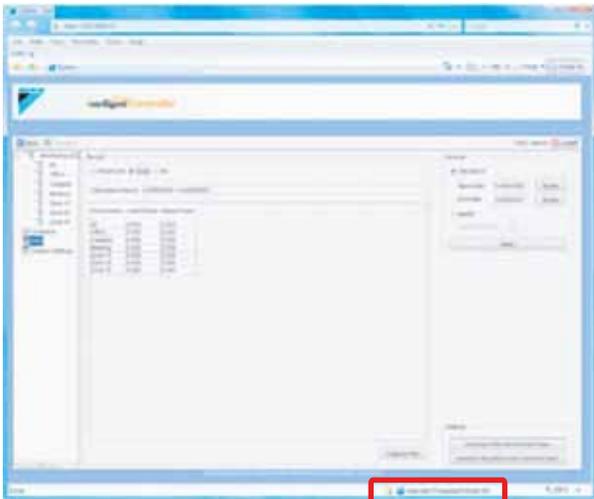
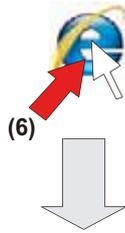
2. Method 2 Run Internet Explorer always as an administrator
 Before starting up Internet Explorer, carry out the procedures (1) - (6) below and start up Internet Explorer, and **Protected Mode: Off** is displayed in the status bar of Internet Explorer, allowing you to click the **Output in file** button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





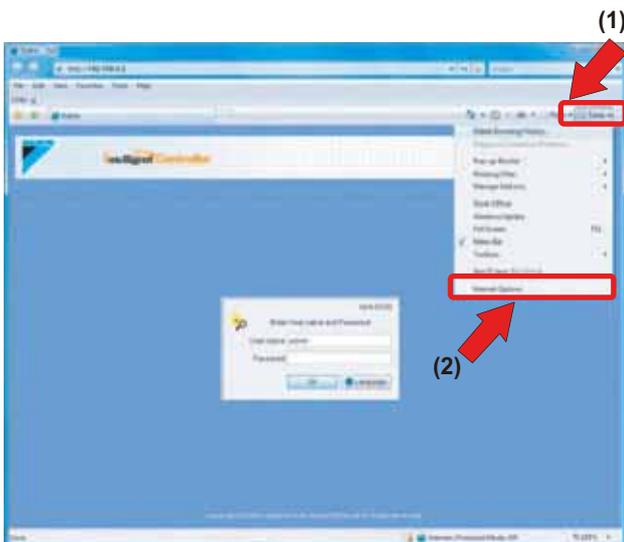
(6)

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).

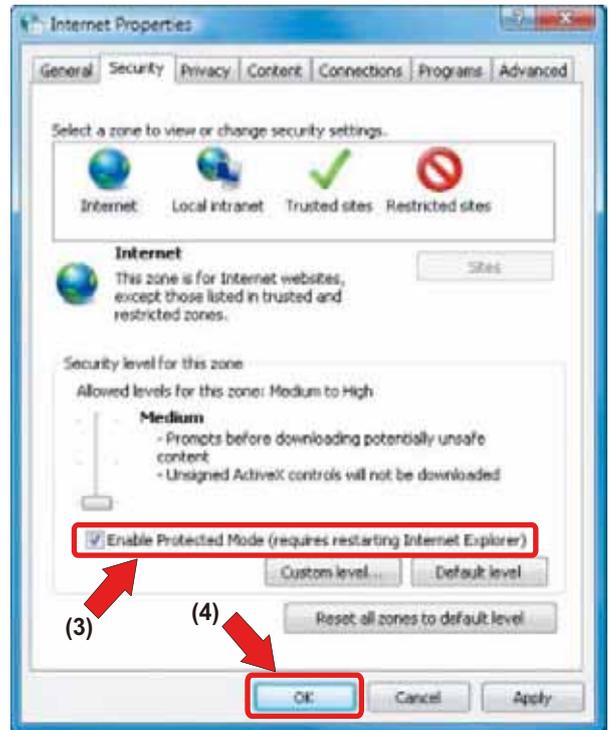
* However, when carrying out these procedures below, take into consideration that it can incur the security vulnerability.

- (1) **Select Tool**
- (2) **Open Internet Option**
- (3) **Uncheck *Enable Protected Mode***
- (4) **Click the button in Internet Option window.**
- (5) **Click the button in Warning! window.**
- (6) **Start up Internet Explorer, check that Protected Mode is turned OFF**



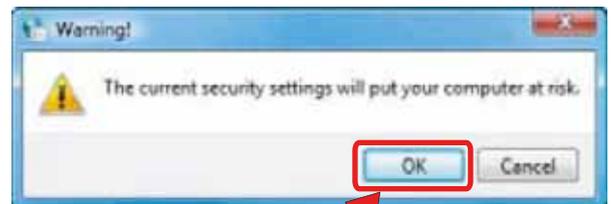
(1)

(2)

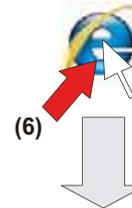


(3)

(4)



(5)



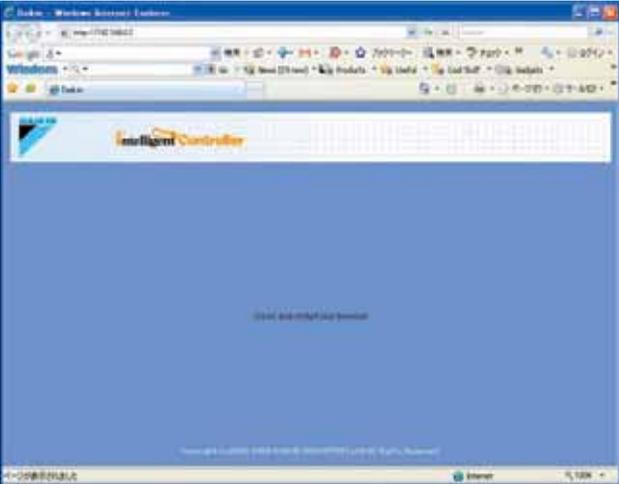
(6)



(6)

9. BEFORE CONTACTING US: TROUBLESHOOTING

Problems	Possible Reasons and Solutions
<p>Air conditioners are not operational, although I did not click the stop button on the web interface.</p>	<p>The most likely causes are:</p> <ol style="list-style-type: none"> 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. <p>For more information, refer to the <i>intelligent Touch Controller Operation Manual</i>.</p>
<p>Air conditioners are operational, although I did not click the start button on the web interface.</p>	<p>The most likely causes are:</p> <ol style="list-style-type: none"> 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. <p>For more information, refer to the <i>intelligent Touch Controller Operation Manual</i>.</p>
<p>The setpoint and/or operation mode of the air conditioner were changed, although I did not change these settings on the web interface.</p>	<p>The most likely causes are:</p> <ol style="list-style-type: none"> 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 setpoint according to the changing environment conditions. <p>For more information, refer to the <i>intelligent Touch Controller Operation Manual</i>.</p>
<p>Setting to Auto (Operation Mode)</p>	<p>With the software version Ver 6.01.00 or later, when the Auto mode in the indoor unit is recognized as either Auto (Cool) or Auto (Heat), the intelligent Touch Controller will automatically override it to Cool or Heat mode immediately.</p> <ul style="list-style-type: none"> • When you switch to Auto mode in the indoor unit from Cool or Dry mode, it will become Auto (Cool) mode. The intelligent Touch Controller will override it to Cool mode automatically. • When you switch to Auto mode in the indoor unit from Heat mode, it will become Auto (Heat) mode. The intelligent Touch Controller will override it to Heat mode automatically. • When you switch to Auto mode in the indoor unit from Fan mode, it will become either Auto (Cool) or Auto (Heat) mode considering the room temperature and Setpoint. The intelligent Touch Controller will override it to either Cool or Heat mode automatically. • You may see Auto (Cool) or Auto (Heat) mode on the intelligent Touch Controller for a moment.

Problems	Possible Reasons and Solutions
<p>The following dialog box is displayed stating that a communication error occurred, and I cannot operate the air conditioners from my PC.</p> <p>Screen 1:</p>  <p>Screen 2:</p> 	<p>The most likely causes are:</p> <ol style="list-style-type: none"> 1. Your PC is not cabled correctly to the intelligent Touch Controller. 2. The intelligent Touch Controller is turned off. <p>Clicking the OK button on the dialog box (Screen 1) displays the Screen 2. Close your browser software and then restart it.</p>
<p>I cannot access the intelligent Touch Controller web interface.</p>	<ul style="list-style-type: none"> • 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.
<p>When accessing the intelligent Touch Controller web interface, the following screen is displayed.</p> 	<ul style="list-style-type: none"> • This message informs you that Java plugin is not installed or the version of the installed Java plugin is not supported. Install the correct version of Java plugin. Refer to BEFORE STARTING for more information. (See page 3)
<p>When accessing the intelligent Touch Controller web interface, the following screen is displayed.</p> 	<ul style="list-style-type: none"> • This message informs you that your browser does not support the frame function. Check you browser's specifications. Refer to BEFORE STARTING for more information. (See page 3)

Problems	Possible Reasons and Solutions
I can access the web interface. However it takes too much time to refresh the screen.	<ul style="list-style-type: none"> The network may be congested. Wait for a while and then access it again.
The room temperature value on the intelligent Touch Controller web interface does not match the actual measurement value.	<ul style="list-style-type: none"> 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.
Java plugin does not work correctly.	<ul style="list-style-type: none"> Java plugin is not installed correctly. The version of the installed Java plugin is not supported. <p>* The latest version may not be supported. Refer to BEFORE STARTING for more information. (See page 3)</p>

10. AFTER-SALES SERVICE

- To have the product repaired, prepare the following information

- | |
|---|
| <ul style="list-style-type: none"> 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.

DAIKIN AC (AMERICAS), INC.

1645 Wallace Drive, Suite 110
Carrollton, TX 75006

info@daikinac.com
www.daikinac.com

DAIKIN INDUSTRIES, LTD.

Head office:

Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,
Kita-ku, Osaka, 530-8323 Japan

Tokyo office:

JR Shinagawa East Bldg., 2-18-1, Konan,
Minato-ku, Tokyo, 108-0075 Japan