OPERATION MANUAL

intelligent Manager Web Software

MODEL
DAM004A51
DAM004A71



Thank you for purchasing intelligent Manager.
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.

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1. BEFORE USE

1-1 SAFETY PRECAUTIONS [DAM004A51]

To gain full advantage of the air conditioner's functions and to avoid malfunction due to mishandling, we recommend that you read this instruction manual carefully before use.
This air conditioner is classified under "appliances not accessible to the general public".
The precautions described herein are classified as WARNING and CAUTION. They both contain important information regarding safety. Be sure to observe all precautions without fail.

⚠ **WARNING** ..... Failure to follow these instructions properly may result in personal injury or loss of life.

⚠ **CAUTION** ..... Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

⚠ **NOTE** ..... Indicates situation that may result in equipment or property-damageonly accidents.

After reading, keep this manual in a convenient place so that you can refer to it whenever necessary. If the equipment is transferred to a new user, be sure also to hand over the manual.

⚠ WARNING

Be aware that prolonged, direct exposure to cool or warm air from the air conditioner, or to air that is too cool or too warm can be harmful to your physical condition and health.

When the air conditioner is malfunctioning (giving off a burning odour, etc.) turn off power to the unit and contact your local dealer.
Continued operation under such circumstances may result in a failure, electric shocks or fire hazards.

Consult your local dealer about installation work.
Doing the work yourself may result in water leakage, electric shocks or fire hazards.

Consult your local dealer regarding modification, repair and maintenance of the air conditioner or the remote controller.
Improper workmanship may result in water leakage, electric shocks or fire hazards.

Do not place objects, including rods, your fingers, etc., in the air inlet or outlet.
Injury may result due to contact with the air conditioner's high-speed fan blades.

Beware of fire in case of refrigerant leakage.
If the air conditioner is not operating correctly, i.e. not generating cool or warm air, refrigerant leakage could be the cause. Consult your dealer for assistance. The refrigerant within the air conditioner is safe and normally does not leak. However, in the event of a leakage, contact with a naked burner, heater or cooker may result in generation of noxious gas. Do not longer use the air conditioner until a qualified service person confirms that the leakage has been repaired.

Consult your local dealer regarding what to do in case of refrigerant leakage.
When the air conditioner is to be installed in a small room, it is necessary to take proper measures so that the amount of any leaked refrigerant does not exceed the concentration limit in the event of a leakage. Otherwise, this may lead to an accident due to oxygen depletion.

Contact professional personnel about attachment of accessories and be sure to use only accessories specified by the manufacturer.
If a defect results from your own workmanship, it may result in water leaks, electric shock or fire.

Consult your local dealer regarding relocation and reinstallation of the air conditioner or the remote controller.
Improper installation work may result in leakage, electric shocks or fire hazards.

Be sure to use fuses with the correct ampere reading.
Do not use improper fuses, copper or other wires as a substitute, as this may result in electric shock, fire, injury or damage to the unit.

Be sure to install an earth leakage breaker.
Failure to install an earth leakage breaker may result in electric shocks or fire.

Be sure to earth the unit.
Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks or fire.
A high surge current from lightning or other sources may cause damage to the air conditioner.

Consult the dealer if the air conditioner submerges owing to a natural disaster, such as a flood or typhoon.
Do not operate the air conditioner in that case, or otherwise a malfunction, electric shock, or fire may result.

Do not start or stop operating the air conditioner with the power supply breaker turned ON or OFF.
Otherwise, fire or water leakage may result. Furthermore, the fan will rotate abruptly if power failure compensation is enabled, which may result in injury.

Do not use the product in the atmosphere contaminated with oil vapor, such as cooking oil or machine oil vapor.
Oil vapor may cause crack damage, electric shocks, or fire.

Do not use the product in places with excessive oily smoke, such as cooking rooms, or in places with flammable gas, corrosive gas, or metal dust.
Using the product in such places may cause fire or product failures.

Do not use flammable materials (e.g., hairspray or insecticide) near the product.
Do not clean the product with organic solvents such as paint thinner.
The use of organic solvents may cause crack damage to the product, electric shocks, or fire.

Be sure to use a dedicated power supply for the air conditioner.
The use of any other power supply may cause heat generation, fire, or product failures.

CISPR 22 Class A Warning:
This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

⚠ CAUTION

Do not use the air conditioner for purposes other than those for which it is intended.
Do not use the air conditioner for cooling precision instruments, food, plants, animals or works of art as this may adversely affect the performance, quality and/or longevity of the object concerned.

Do not remove the outdoor unit's fan guard.
The guard protects against the unit's high speed fan, which may cause injury.

Do not place objects that are susceptible to moisture directly beneath the indoor or outdoor units.
Under certain conditions, condensation on the main unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, resulting in fouling or failure of the object concerned.

To avoid oxygen depletion, ensure that the room is adequately ventilated if equipment such as a burner is used together with the air conditioner.

After prolonged use, check the unit stand and its mounts for damage.
If left in a damaged condition, the unit may fall and cause injury.

Do not place flammable sprays or operate spray containers near the unit as this may result in fire.

Before cleaning, be sure to stop unit operation, turn the breaker off or remove the power cord.
Otherwise, an electric shock and injury may result.

To avoid electric shocks, do not operate with wet hands.

Do not place appliances that produce naked flames in places exposed to the air flow from the unit as this may impair combustion of the burner.

Do not place heaters directly below the unit, as resulting heat can cause deformation.

Do not allow a child to mount on the outdoor unit or avoid placing any object on it.
Falling or tumbling may result in injury.

Do not block air inlets nor outlets.
Impaired air flow may result in insufficient performance or trouble.

Be sure that children, plants or animals are not exposed directly to airflow from the unit, as adverse effects may ensue.

Do not wash the air conditioner or the remote controller with water, as this may result in electric shocks or fire.

Do not place water containers (flower vases, etc.) on the unit, as this may result in electric shocks or fire.

Do not install the air conditioner at any place where there is a danger of flammable gas leakage.
In the event of a gas leakage, build-up of gas near the air conditioner may result in fire hazards.

Do not put flammable containers, such as spray cans, within 1 m from the blow-off mouth.
The containers may explode because the warm air output of the indoor or outdoor unit will affect them.

Arrange the drain to ensure complete drainage.
If proper drainage from the outdoor drain pipe does not occur during air conditioner operation, there could be a blockage due to dirt and debris build-up in the pipe.
This may result in a water leakage from the indoor unit.
Under these circumstances, stop air conditioner operation and consult your dealer for assistance.

The appliance is not intended for use by unattended young children or infirm persons.
Impairment of bodily functions and harm to health may result.

Children should be supervised to ensure that they do not play with the unit or its remote controller.
Accidental operation by a child may result in impairment of bodily functions and harm health.

Do not let children play on or around the outdoor unit.
If they touch the unit carelessly, injury may be caused.

Consult your dealer regarding cleaning the inside of the air conditioner.
Improper cleaning may cause breakage of plastic parts, water leakage and other damage as well as electric shocks.

To avoid injury, do not touch the air inlet or aluminium fins of the unit.

Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit.
Leaves are a hotbed for small animals which can enter the unit. Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.

Never touch the internal parts of the controller.
Do not remove the front panel. Touching certain internal parts will cause electric shocks and damage to the unit.
Please consult your dealer about checking and adjustment of internal parts.

Do not leave the remote controller wherever there is a risk of wetting.
If water gets into the remote controller there is a risk of electrical leakage and damage to electronic components.

Watch your steps at the time of air filter cleaning or inspection.
High-place work is required, to which utmost attention must be paid. If the scaffold is unstable, you may fall or topple down, thus causing injury.

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.

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. If children play with a plastic bag which was not torn apart, they face the risk of suffocation.

The remote controller should be installed in such away that children cannot play with it.

Use the cord provided in the same package.

⚠ 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 dis-play the data.

Do not wipe the controller operation panel with benzine, thinner, chemical dustcloth, etc.
The panel may get discolored or the coating peeled off. If it is heavily dirty, soak a cloth in water-diluted neutral detergent, squeeze it well and wipe the panel clean. And wipe it with another dry cloth.

Dismantling of the unit, treatment of the refriger-ant, oil and eventual other parts, should be done in accordance with the relevant local and national regulations.

1-2 SAFETY CONSIDERATIONS [DAM004A71]

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 benzine, thinner, chemical dustcloth, etc.
The panel may get discolored or the coating peeled off. If it is heavily dirty, soak a cloth in water-diluted neutral detergent, squeeze it well and wipe the panel clean. And wipe it with another dry cloth.

Dismantling of the unit, treatment of the refrigerant, oil and eventual other parts, should be done in accordance with the relevant local and national regulations.

2. BEFORE STARTING

To use the web interface of the intelligent Manager, the target PC should meet the following requirements. Check them before starting.

Requirements for the PCs

Item	Condition	
OS	Windows XP SP3	Windows Vista Business SP2
CPU	CPU Pentium III 800MHz or higher or equivalent	1GB or more 32 Bit
Memory	256MB or more	1GB or more
Free Disk Space	200MB or more	200MB or more
Network Speed	100 Base-T or higher	
Video Card / Display	Resolution: 1024 × 768 (XGA) or more, Maximum color development simultaneosly 65536 colors or more	
Browser ∗4	Internet Explorer 6.0SP3 ∗1	Internet Explorer 7.0 Internet Explorer 8.0
Java plug-in	JRE (Java Runtime Environment) 6 update 16 ∗2	
	Disable the next-generation Java Plug-in. ∗3	Enable the next-generation Java Plug-in.

∗1: If IE6.0SP3 is not installed, obtain it from the Microsoft website. It is downloadable for free. Other browsers, such as Netscape, may not work correctly. Be sure to use IE6.0SP3.

∗2: Be sure to use appropriate JRE6 (Java Runtime Environment).
Other versions are not qualified.
Download it 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. WEB INTERFACE OF THE INTELLIGENT MANAGER

- **Restricted Function for each login name**
  These vary depending on the authority which is set for the user ID which is logged in. If the logged-in user ID does not have the required authority, then that web function cannot be operated.

See page [7]

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

Basic Mode
See page [10]
Advanced Mode
See page [25]

- **Start/Stop Operation**
  Operation can be starteLd and stopped for each management points and control groups.

Basic Mode
See page [20]
Advanced Mode
See page [26]

- **Advanced Settings for Air Conditioners**
  The temperature setting, operating mode, air direction, fan speed, and remote controller mode can be set for each management point and control group.

Basic Mode
See page [21]
Advanced Mode
See page [27]

- **Various Operation Modes**
  You can operate devices from a web interface, the intelligent Manager console, or a local remote controller. Also the Administrator can permit or prohibit remote controller operations of devices in a specified management point or control group using the web interface.

Advanced Mode
See page [31]

- **System Setup**
  The Administrator can set passwords for user IDs, browse the history, and limit temperature settings for air conditioners controlled by the user IDs.

See page [36]

- **Schedule Setup**
  The Administrator can precisely schedule operations for a specific management point or control group of devices. Weekly schedule and 2 extra schedules can be created.

See page [43]

- **Pwr Prp Dist Setup**
  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.

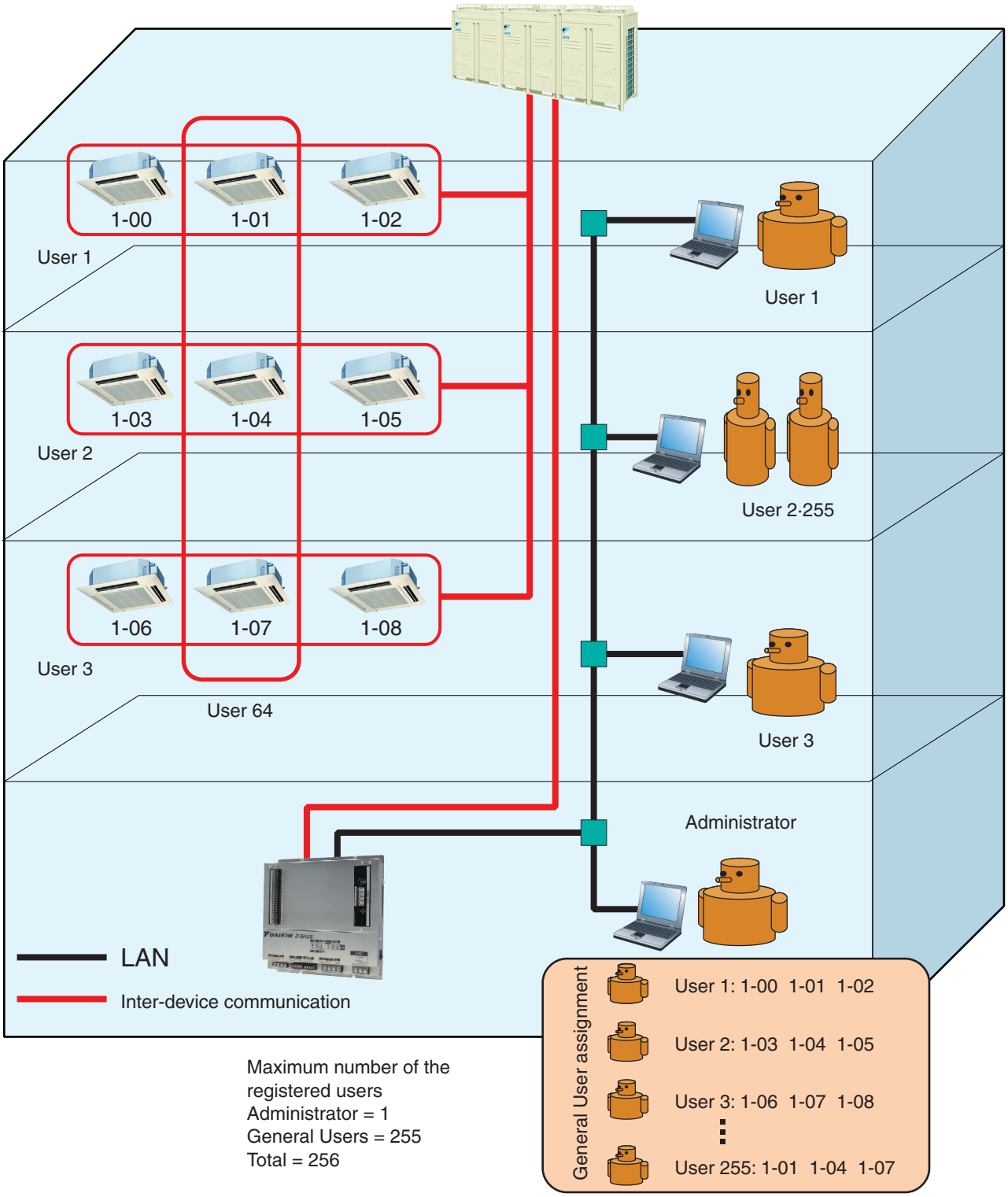
See page [59]

4. OVERVIEW

4-1 Web system of the intelligent Manager

The Administrator can assign (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. However User 255 can operate/monitor air conditioners that other General Users can also operate/monitor.

Figure 1: Example of user setting



Maximum number of the registered users
Administrator = 1
General Users = 255
Total = 256

4-2 Function restrictions determined by the login ID

The web functions which can be operated are different depending on the authority (*1) which is set for the user ID which is logged in. If the logged-in user ID does not have the required authority, then that web function cannot be operated.
The relationships between web function authorities and their corresponding functions are shown below.

Function	Web function authority required for operation	Simultaneous operation*2	Authority for the corresponding monitoring panel*3
Temperature setting restriction function	System Setup	Not permitted	System Setup
Password change function			
Schedule function	Schedule Setup	Not permitted	Schedule Setup
Pwr Prp Dist Setup	Pwr Prp Dist Setup	Not permitted	–
View function	Operation history	Permitted	–

*1 The authority which is set for the user ID is the user authority that is set from the monitoring panel system settings. Refer to i-Manager Operation Manual for details.

*2 Simultaneous use:
- This indicates whether or not two web function users (or a monitoring panel user and web function user) can operate the function at the same time.
- When two web function users (or a monitoring panel user and web function user) cannot operate a function simultaneously, the user who logged in first acquires the authority.
- Authority is retained from login to logout. After logout, the user releases the authority.

*3 Although the setting screens for the web function authority and monitoring software authority are different, the authority indicated here is the same in terms of restricting simultaneous operation.
Example 1: While a user with system setting authority for web functions is logged in from the web it is not possible to make system settings from the monitoring software.
Example 2: While a user with schedule registration authority for the monitoring panel is logged into the monitoring software, it is not possible to operate the schedule functions from the web.

*4 **The maximum number of PCs where web functions can be operated simultaneously is 50.**

*5 The proportional distribution function (optional) is required in order to utilize the collection of power proportional distribution data.

4-3 Two display modes of the web interface

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

- Basic Mode
- Advanced Mode

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

■ **Basic Mode:**
- Monitor air conditioners.
- Operate air conditioners.

■ **Advanced Mode:**
- Monitor air conditioners.
- Operate air conditioners.
- Permit and/or prohibit local remote controller operations.
- Change the password.
- View the history. *1
- Temperature setting restriction function *1
- Schedule Setup *1
- Pwr Prp Dist Setup *1, 2

*1 The web functions which can be operated are different depending on the authority (refer to chapter 4-2.) which is set for the user ID which is logged in. Viewing the history, restricting the temperature settings, setting a schedule, and collecting power proportional distribution data require user authority that is set from the monitoring software system settings.

*2 The proportional distribution function (optional) is required in order to utilize the collection of power proportional distribution data.
- The following units (marked with "O") can be monitored and controlled in web function basic or advanced mode.

Applicable unit	Control/ Monitor	Applicable unit	Control/ Monitor
Indoor unit	O	Main unit Di	×
HRV	O	Main unit Do	×
Outdoor unit	×	Main unit Pi	×
Chiller	×	Ao	×
Air handler	×	Ai	×
D3Dio	O	Universal device Ai	×
D3Di	O	D3Ai	×

In the above table, "×" marks refer to units that cannot be monitored or controlled, in which case the units will not be displayed on the web screen in basic or advanced mode.

*3 **The maximum number of PCs where web functions can be operated simultaneously is 50.**

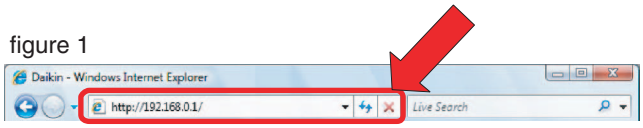
4-4 Logging into the web interface

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

http:// followed by the address of the intelligent Manager

In the case of the example on the figure 1, the IP address of the intelligent Manager is 192.168.0.1.

figure 1



2. The Security warning screen (Screen 1) appears.

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.
No usual Java applets can output the file onto the hard disk of the PC. Therefore, the security warning screen appears.

- If " Yes " " Always " is selected, all the web functions are available.
- If " More Details " is selected, detailed information on authentication appears.

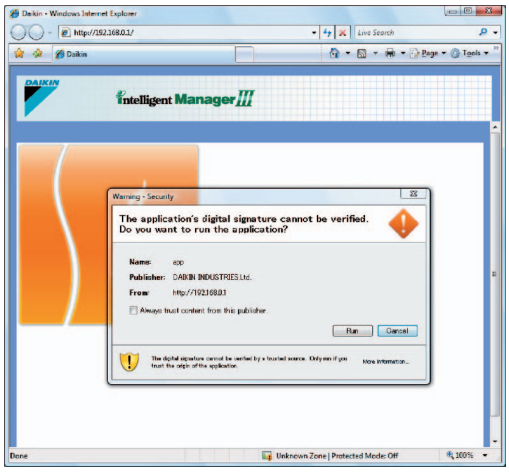
∗ If " Always " is selected, the Java applet is always authenticated, and the security warning screen (Screen 1) no longer appears.

Select " Yes " " Always " and click the button.

⚠ CAUTION

If " No " is selected, the screen will be closed without Java applet authentication. Be sure to select " Yes " " Always " and click the button.

Screen 1: Security warning screen

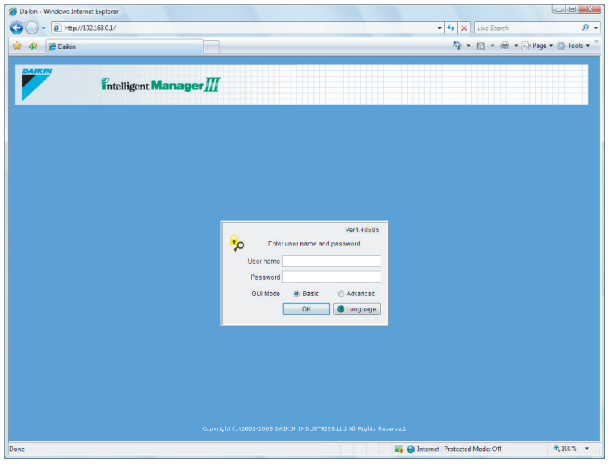


3. The Main screen (Screen 2) appears.

User name:	Input the user name given by the administrator.
Password:	Input the password corresponding to the user name.
GUI Mode:	Select the basic mode or advanced mode by checking the radio button. Basic mode (See page 10) Advanced mode (See page 25)

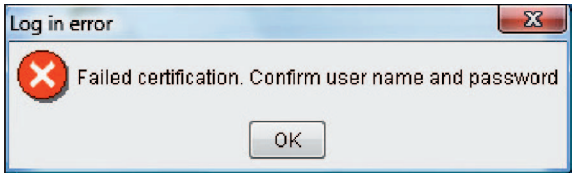
After input, click " OK " to log in.

Screen 2: Main screen



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

figure (1)



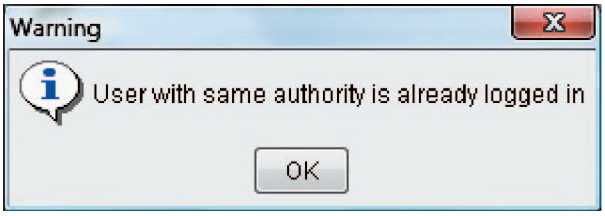
If the entered user ID is already in use (currently logged in at the monitoring panel or from another web browser), the error screen shown in figure (2) appears. Either log in with a different user ID, or else log out from the monitoring panel or the other web browser before logging in.

figure (2)



If it was not possible to acquire the authority that is set for the entered user ID, the warning screen shown in figure (3) appears. Either log in without acquiring the authority, or else log out from the monitoring panel or the other web browser where authority has been acquired before logging in.

figure (3)



4-5 Selecting display language

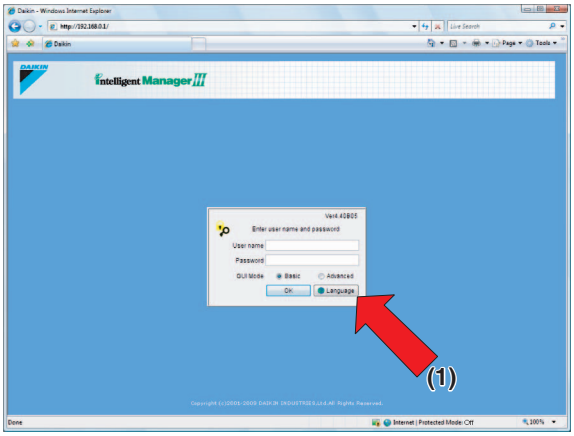
To select a display language to be used for the web interface:

1. Click "Language" (1) to display the Display language setting screen (Screen 2).
2. Click "<<" or ">>" to select a language to be used in this screen.

   Select a language to be used in the web interface by clicking a radio button (2).
3. To reflect your selection, click "OK".

   To cancel your selection, click "Cancel".

Screen 1: Authentication screen



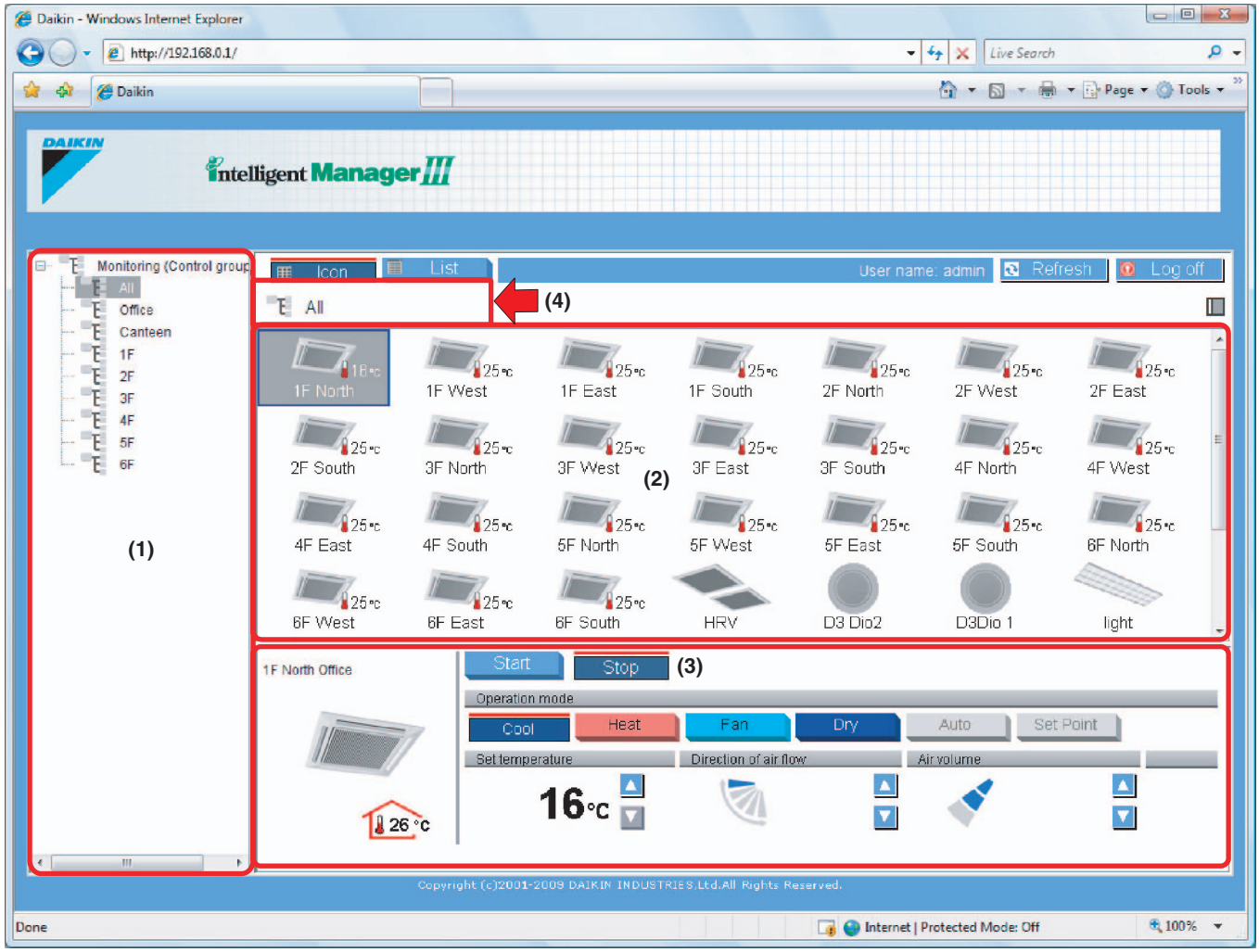
Screen 2: Display language setting screen



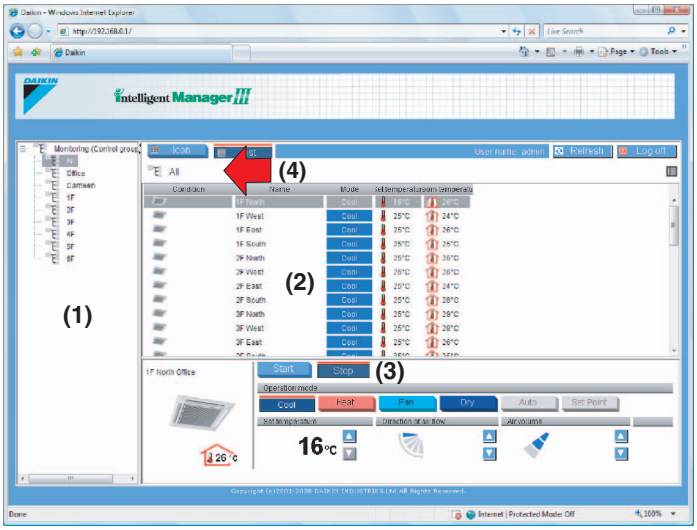
5. BASIC MODE

5-1 Main Screen

You will see the following screen when logging into the web interface in the Basic mode. This section describes the Main screen shown in the figure. See the next page for more information on each item on this screen.



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



← The figure to the left shows the Main screen displayed in the List display mode.

■ Display Areas on the Main Screen

(1) ⟨Function tree area⟩
This displays a list of the control groups which can be controlled with the user ID that you are currently logged in with.

(2) ⟨Main display area⟩
Displays the devices in the management point or control group selected in the function tree area (1).

(3) ⟨Setting area⟩
This displays the current status and available control items for each management point or control group.
The contents of this area vary depending on the type of the devices selected in the main display area.

- Management point (Air conditioner)
  (See page 15)
- Management point (HRV)
  (See page 16)
- Management point (Lighting device)
  (See page 17)
- Management point (Universal device)
  (See page 18)
- Control group
  (See page 19)

For more information, see the appropriate page.

(4) ⟨This displays the control group name⟩
Displays the name of the control group selected in the function tree area (1). Otherwise displays the status report, “Monitoring (Control group List)”.

■ Buttons and Other Displays



⟨User Name⟩
Displays the login name of the user currently logging into the web interface.



Changes the main display area to the Icon display mode.



Changes the main display area to the List display mode.

*Control/monitoring are possible both when the status display area is set to icon display and when it is set to list display.



Updates management point or control group status information in the main display area with the most recent data of the intelligent Manager.



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

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



⟨Increase button⟩



⟨Reduce button⟩

5-2 Icons on the screen

The displayed icons are those shown at right, selected according to the type of device that was registered in the Intelligent Manager unit. Icon assigned to each device cannot be changed via the web interface. This section explains features of each icon.

[Indoor Units]
A device registered as an “indoor unit” appears as an indoor unit icon (see Figure 1).
∗In the Icon display mode, a temperature value next to each icon in the main display area represents the set temperature of the device.

Icons in the setting area	Icons in the main display area

Figure 1: Indoor unit icon



[HRV Devices]
A device registered as an “HRV device” appears as an HRV device icon (Figure 2).

Icons in the setting area	Icons in the main display area

Figure 2: HRV icon



[D3Di or D3Dio Unit]
When a device is registered as a D3Di or D3Dio unit and a lighting device icon is assigned to it using the group setting function of the intelligent Manager console, it appears as a lighting device icon (Figure 3).
When a device is registered as a D3Di or D3Dio unit and an icon other than the lighting device icon is assigned to it using the group setting function of the intelligent Manager console, it appears as a universal device icon (Figure 4).

Icons in the setting area	Icons in the main display area

Figure 3: Lighting device icon



Figure 4: Universal device icon



[Control group]
Each control group appears as a control group icon (Figure 5).
∗In the Icon display mode, a temperature value next to each icon in the main display area represents the set temperature of the representative unit.
Refer to page 24 for more information on the representative unit.

Icons in the setting area	Icons in the main display area

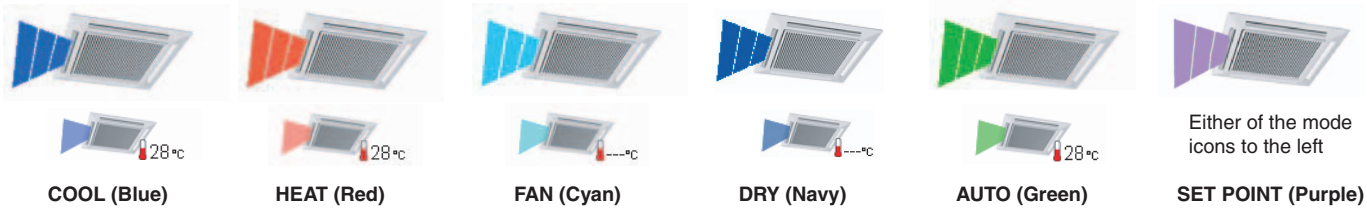
Figure 5: Control group icon

No control group icon appears in the setting area.



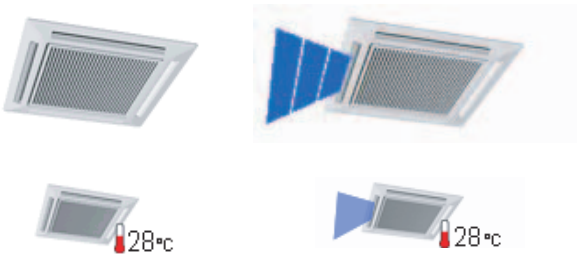
5-3 Information provided by indoor unit icons

[OPERATION MODE]



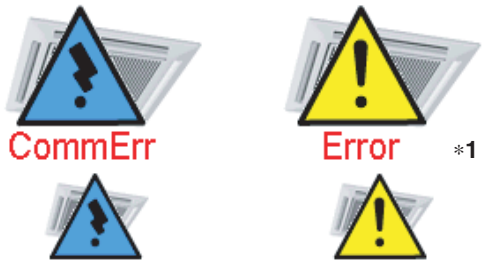
COOL (Blue) | HEAT (Red) | FAN (Cyan) | DRY (Navy) | AUTO (Green) | SET POINT (Purple)

[Start/Stop state]



OFF | ON

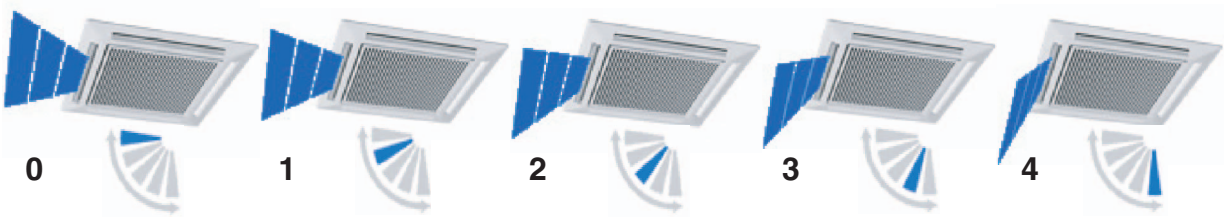
[Error]



Communication error | Device error

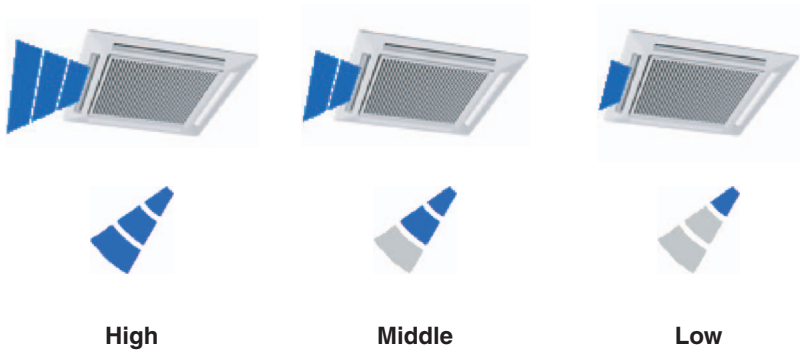
***1 When the To reward Warning as Error level enabled by iPU setting tool, D3 alarm is all treated as device error.**

[Direction of air flow]



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

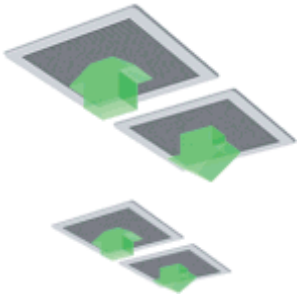
[Air volume]



High | Middle | Low

5-4 Information provided by HRV icons

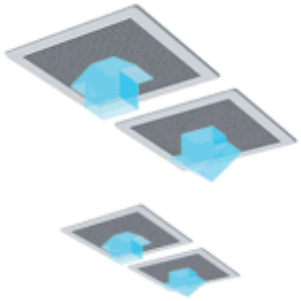
[Ventilation mode]



Automatic ventilation (Green)

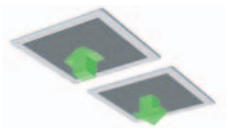


All heat exchanger ventilation (Red)

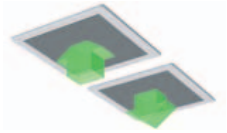


Normal ventilation (Cyan)

[Ventilation Amount]



Low



High



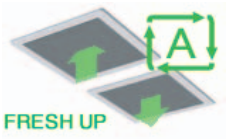
AUTO



Low (Fresh up)

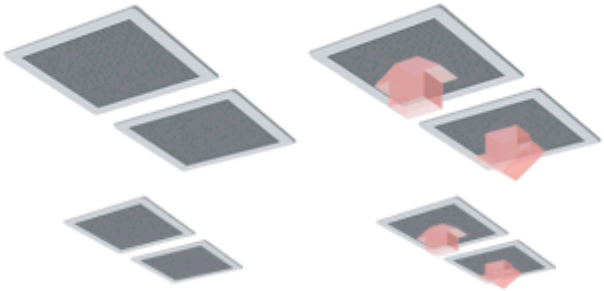


High (Fresh up)



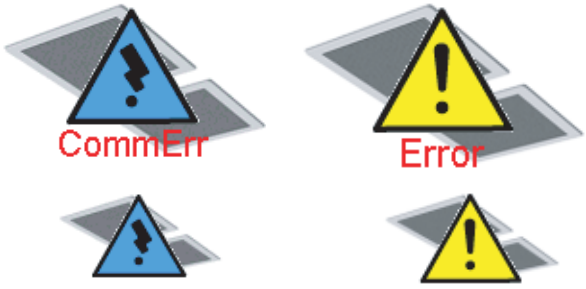
AUTO (Fresh up)

[Start/Stop state]



OFF **ON**

[Error]

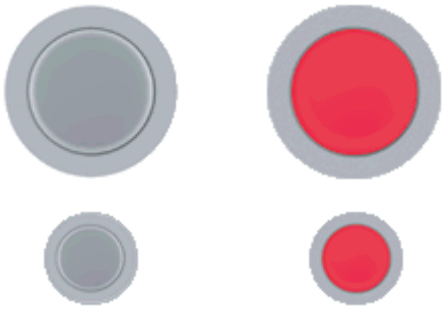


Communication error **Device error** *1

***1 When the To reward Warning as Error level enabled by iPU setting tool, D3 alarm is all treated as device error.**

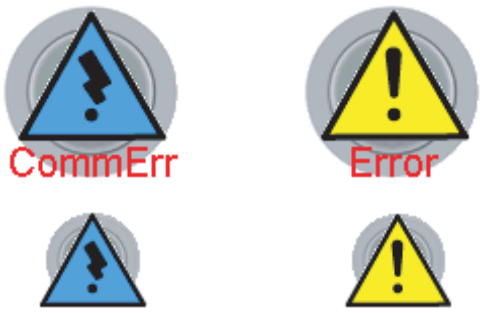
5-5 Information provided by lighting device, universal device, and control group icons

[Universal device: Start/Stop state]



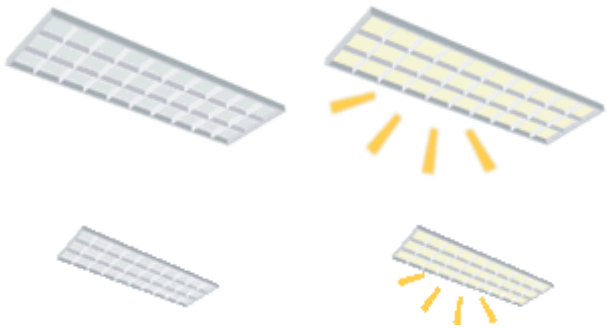
OFF　　Start ∗1

[Universal device: Error]



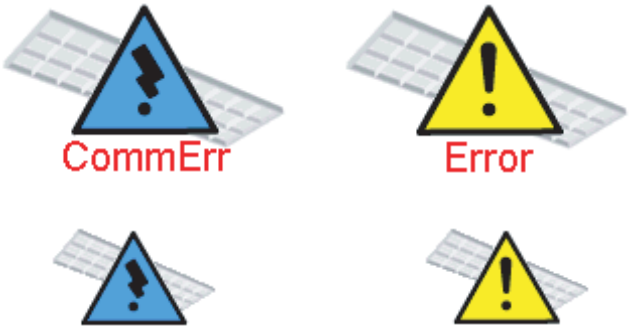
Communication error　　Device error

[Lighting device: Start/Stop state]



Turning off　　Turning on

[Lighting device: Error]



Communication error　　Device error

[Control group: Start/Stop state]



OFF　　Start ∗1

[Ccontrol group: Error]

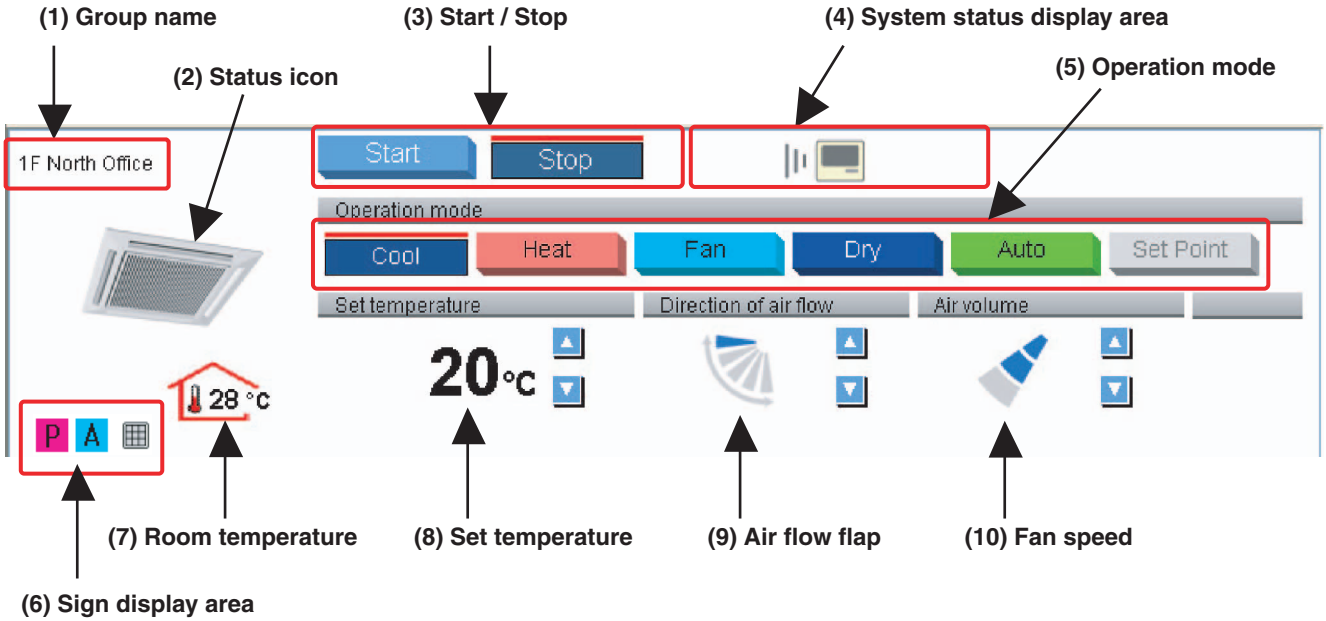


Communication error　　Device error

∗1 The icon color of an operational device depends on the setting on the intelligent Manager console.

5-6 Information provided by the setting areas

■ **Air Conditioner Group:**



(1) Group name
Displays the exact name of the selected management point.

(2) Status icon
Displays the current status. (See page 12)

(3) Start / Stop
Displays the Start/Stop state of the air conditioners. You can start or stop the air conditioners, if required. (See page 20)

(4) System status display area
Displays the system status.


:Indicates that transmission to the intelligent Manager is in progress.

(5) Operation mode
Displays the operation mode of the air conditioners. You can select a desired mode, if required. (See page 21)

(6) Sign display area
This displays information about the A/C unit status, such as automatic operation and the filter sign.

P — This indicates that target power control is currently in effect at the selected management point.

A — This indicates that the selected management point is subject to automatic control.


Indicates that the selected management point has one or more illuminated filter/element signs.

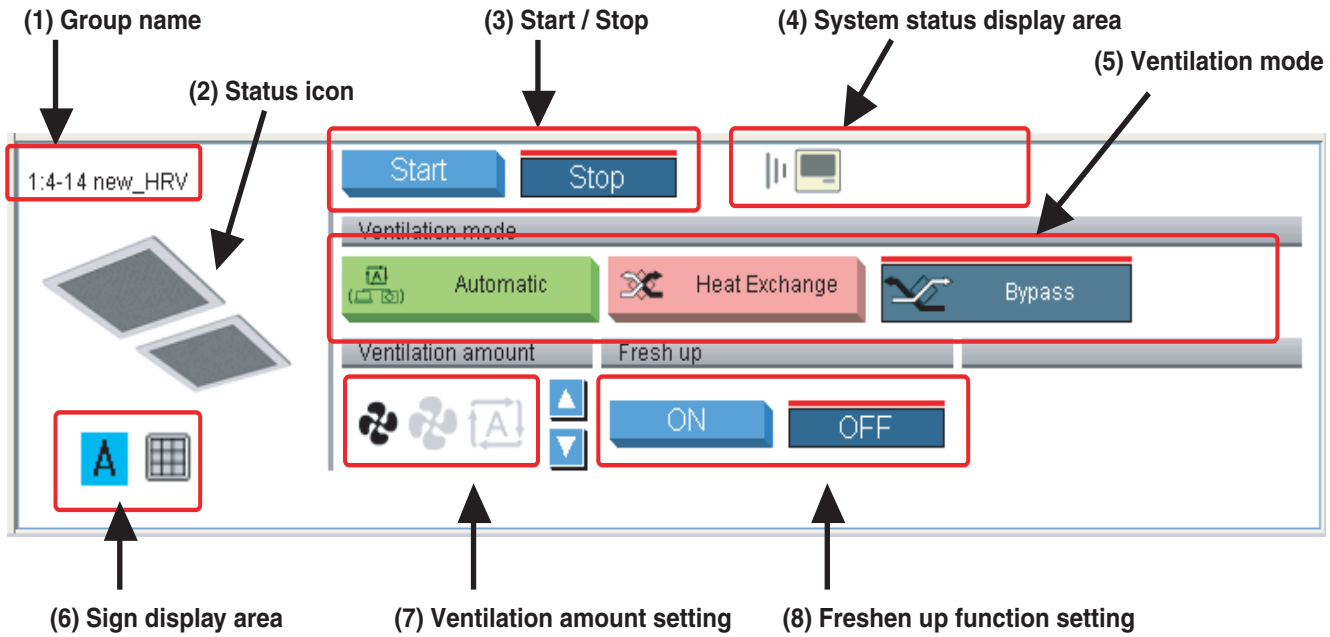
(7) Room temperature
Displays the current room temperature. Since the suction temperature of air conditioners is used, this may not correspond to the actual room temperature.

(8) Set temperature
Displays the temperature setting of air conditioners. You can change this value, if required. (See page 22)

(9) Air flow flap
Displays the direction of air flow of air conditioners. You can change this setting, if required. (See page 22)

(10) Fan speed
Displays the air volume of air conditioners. You can change this setting, if required. (See page 22)

■ **HRV Group:**



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

(2) Status icon
Displays the current status. (See page 13)

(3) Start / Stop
Displays the Start/Stop state of the HRVs. You can start or stop the HRVs, if required. (See page 20)

(4) System status display area
Displays the system status.


:Indicates that transmission to the intelligent Manager is in progress.

(5) Ventilation mode
Displays the ventilation mode of HRVs. You can select a desired mode, if required. (See page 21)

(6) Sign display area
This displays information about the HRV status, such as automatic control and the filter sign.


This indicates that the selected management point is subject to automatic control.


Indicates that the selected management point has one or more illuminated filter/element signs.

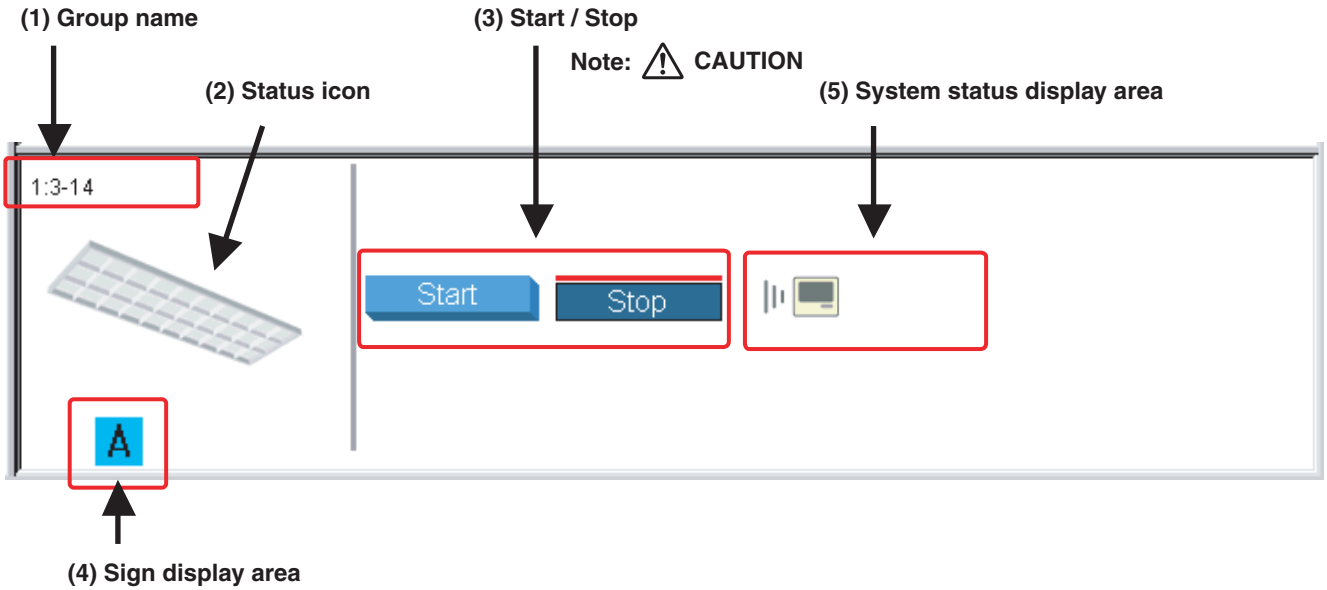
(7) Ventilation amount setting
Displays the Ventilation amount setting. You can change the setting, if required. (See page 23)

(8) Freshen up function setting
Displays Start/Stop state of the Freshen up function. You can turn the function on or off, if required. (See page 23)

⚠ CAUTION

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

■ **Lighting Device Group:**



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

(2) Status icon
Displays the current status. (See page 14)

(3) Start / Stop
Displays the Start/Stop state of devices. You can start or stop devices, if required. (See page 20)

(4) Sign display area
This displays the system status.

A	This indicates that the selected management point is subject to automatic control.

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

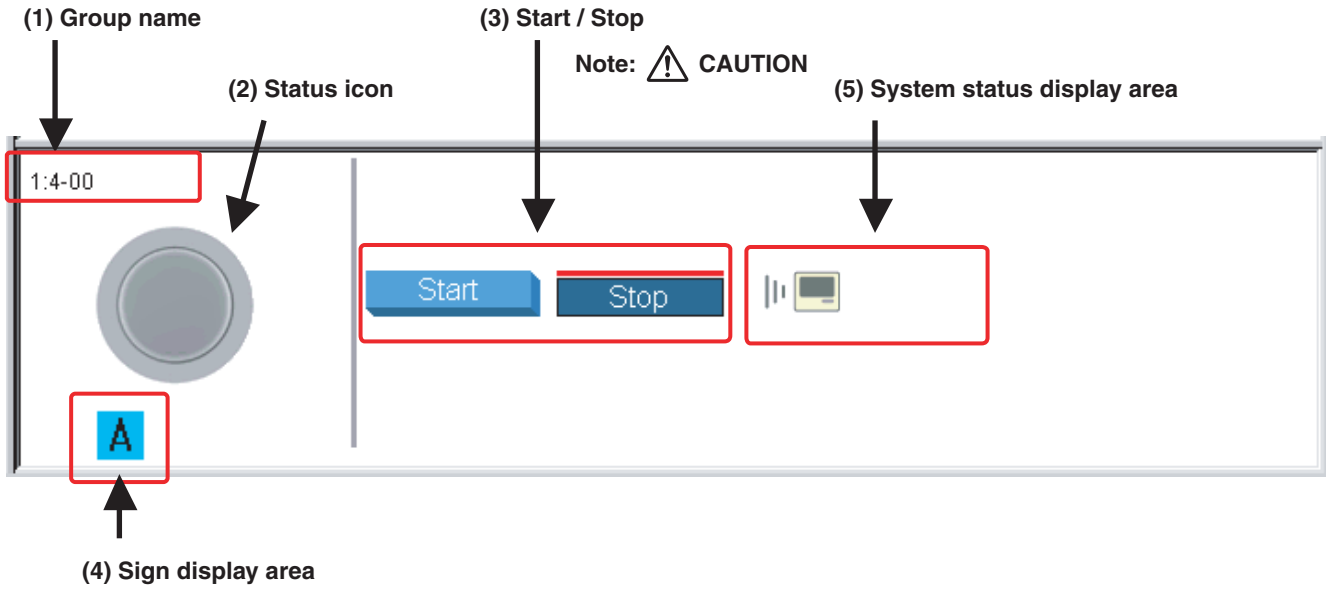
	:Indicates that transmission to the intelligent Manager is in progress.

⚠ CAUTION

When lighting devices are connected via D3Dio units:
The Start/Stop buttons (3) can be used.

When lighting devices are connected via D3Di units:
The Start/Stop buttons (3) are not displayed.

■ **Universal Device Group:**



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

(2) Status icon
Displays the current status. (See page 14)

(3) Start / Stop
Displays the Start/Stop state of devices. You can start or stop devices, if required. (See page 20)

(4) Sign display area
This indicates whether or not the group is subject to automatic control.

A	This indicates that the selected management point is subject to automatic control.

(5) System status display area
Displays the system status.

	:Indicates that transmission to the intelligent Manager is in progress.

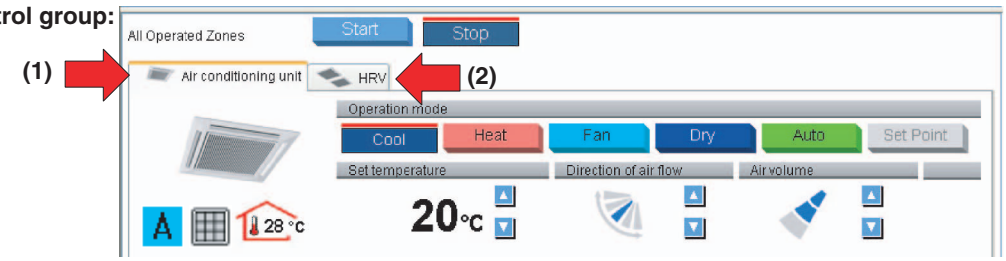
⚠ CAUTION

When lighting devices are connected via D3Dio units:
The Start/Stop buttons (3) can be used.

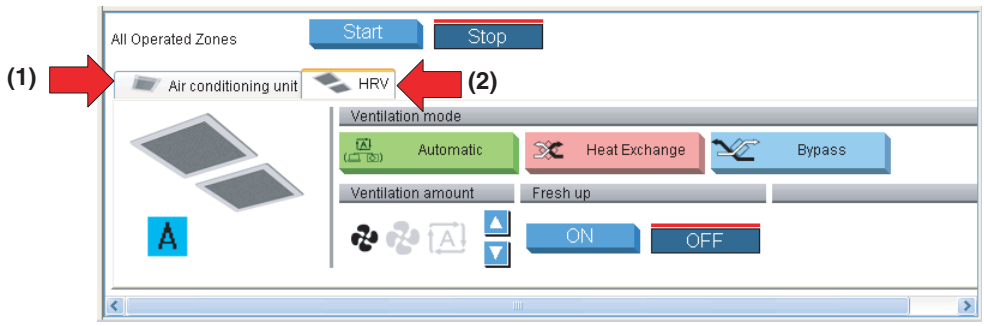
When lighting devices are connected via D3Di units:
The Start/Stop buttons (3) are not displayed.

■ **Control group:**

Air conditioner control group:



HRV control group:



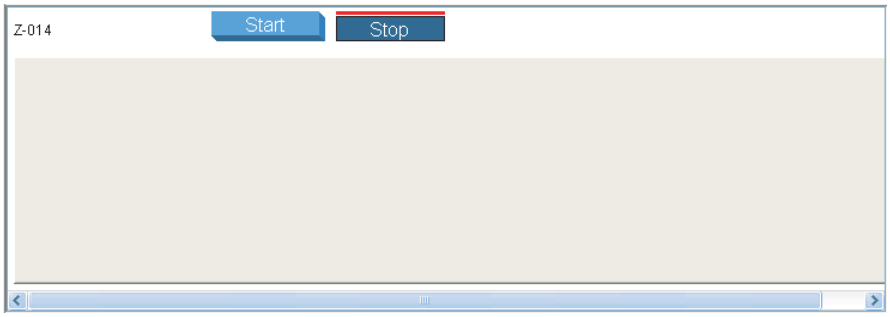
(1) Clicking this tab provides air conditioner control group information.



(2) Clicking this tab provides HRV control group information.



D3Di/D3Dio control group:
(see Note)



Note: When connecting via D3Di units, “ Start ” and “ Stop ” are grayed out.

Notes on Control group Display:

- **If one or more management point in the selected control group are operational,** the Start/Stop state for the control group is “On.” **If one or more management point in the selected control group are in an error state**, the operation state for the control group is “Error.”

  If one or more management point in the selected control group have an illuminated filter/element sign “ ”**,** the filter/element sign for the control group also illuminates.
- The automatic control sign “ A ” is displayed when **that control group is registered for automatic control**.
- The control in progress sign “ P ” is displayed when **that control group is registered for target power control**.
- In the air conditioner control group area, information on the room temperature, set temperature, operation mode, air volume, and direction of air flow is provided. In the HRV control group area, information on the Ventilation mode, Ventilation amount, and Freshen up setting is provided. **Data of the representative unit is displayed, rather than that of the entire control group.**

Representative Unit:

In a control group monitoring process, the following management point is selected as the representative unit.

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

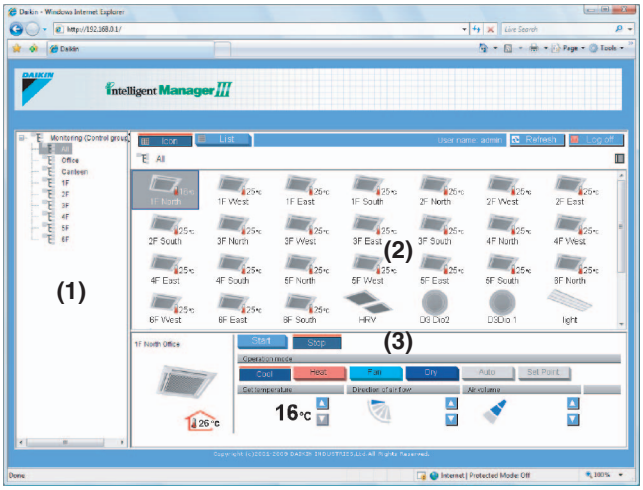
5-7 Starting/stopping all the devices in a specific management point

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

Start or stop all the air conditioners included in a specific management point.

This procedure can be used when devices in the selected group are registered as “indoor unit,” “HRV,” or “D3Dio unit.”

Screen 1: Main screen



[Procedure]

1. On the Main screen (Screen 1) select the control group which includes a desired management point from the function tree area (1).
2. In the main display area (2) the management point belonging to that control group appear. Select the management point in this area.
3. The settings of the selected management point appear in the setting area (3). Displayed items vary depending on the category of the group. For more information, see pages 15 to 18.

In the figure (Screen 2), an air conditioner group is selected.

Click “ Start ” or “ Stop ”.

Screen 2: Management point setting area (air conditioners)



⚠ CAUTION

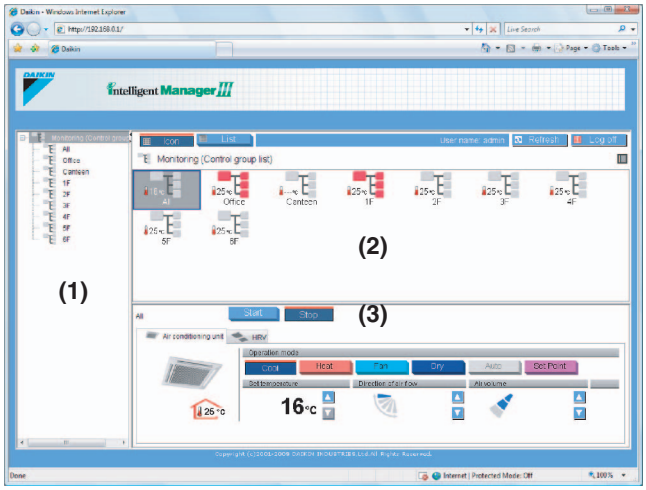
In the Basic mode, clicking a button, such as “ Start ” and “ Cool ”, immediately sends your request to air conditioners and you cannot undo your operation. Therefore be sure to click only an appropriate button, especially when your operation target is a control group.

5-8 Starting/stopping all the devices in a specific control group

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

Start or stop all the devices included in a specific control group.

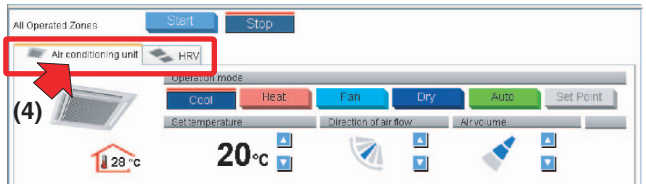
Screen 1: Main screen



[Procedure]

1. On the Main screen (Screen 1), select the “Monitoring (Control group list)” item from the function tree area (1).
2. The control group list appears in the main display area (2). Select a desired control group in this area.
3. The setting area (3) changes to the control group setting area (Screen 2).

Screen 2: Control group setting area



- If A/C units are included in the control group setting, then the “ Air conditioning unit ” tab is displayed.
- If HRV units are included, the “ HRV ” tab is displayed.
  (When both types of devices are not included, no tab is displayed.)

4. Click “ Start ” or “ Stop ”.

⚠ CAUTION

Start Stop

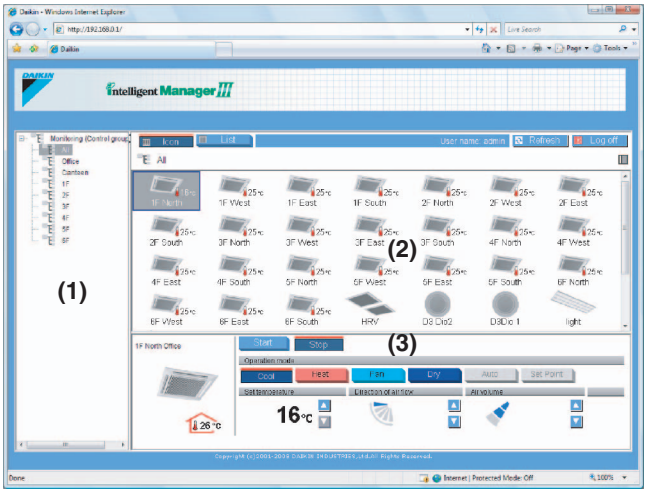
Clicking the selected button does not send your request.
If you want to send the Start request, click Stop and then Start.

5-9 Switching the operation mode

■ Procedure for switching the operation mode

Switch the operation mode of the air conditioner.

Screen 1: Main screen



The operation mode can be switched by control group or by management point.

[Procedure]

1. To change the setting for all the devices in a control group, select the “Monitoring (Control group list)” item from the function tree area (1), and select the control group from the main display area (2).
   To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the management point from the main display area (2).
2. Change the operation mode in the setting area (3). The steps required for indoor units are different from ones for HRVs. See the appropriate section.

[Indoor Units]

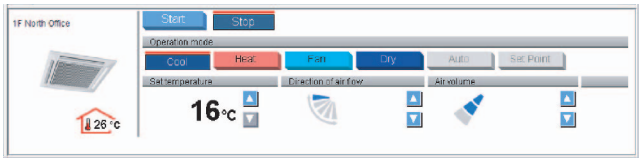
Click the “ Air conditioning unit ” tab in the control group setting area (Screen 2) to change the setting of all the devices in a control group.

Screen 2: Control group setting



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

Screen 3: Management point setting (air conditioners)



Click one of the following buttons according to your requirement.

Cool — Changes the operation mode to Cool.

Heat — Changes the operation mode to Heat.

Fan — Changes the operation mode to Fan.

Dry — Changes the operation mode to Dry.

NOTE If the operation mode is set to "Dry", any indoor unit with no cooling/heating selection right for the same refrigerant system will not change to the "Dry" mode except in the cooling mode.

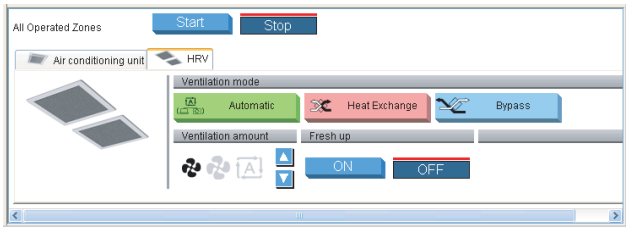
Set Point — Changes the operation mode to Set Point.

Auto — Changes the operation mode to Auto.

[HRV Devices]

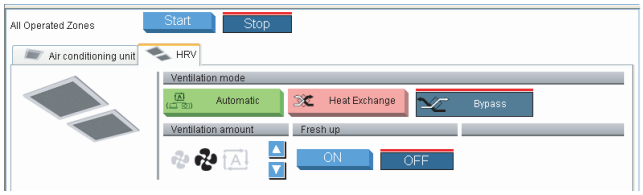
Click the “ HRV ” tab in the control group setting area (Screen 4) to change the setting of all the devices in a control group.

Screen 4: Control group setting



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

Screen 5: Management point setting (HRV)



Click one of the following buttons according to your requirement.

Automatic — Changes the operation mode to Automatic ventilation.

Heat Exchange — Changes the operation mode to All heat exchanger ventilation.

Bypass — Changes the operation mode to Normal ventilation.

CAUTION 1

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

CAUTION 2

Mode setting buttons that cannot be used for the selected control group or management point are grayed out.

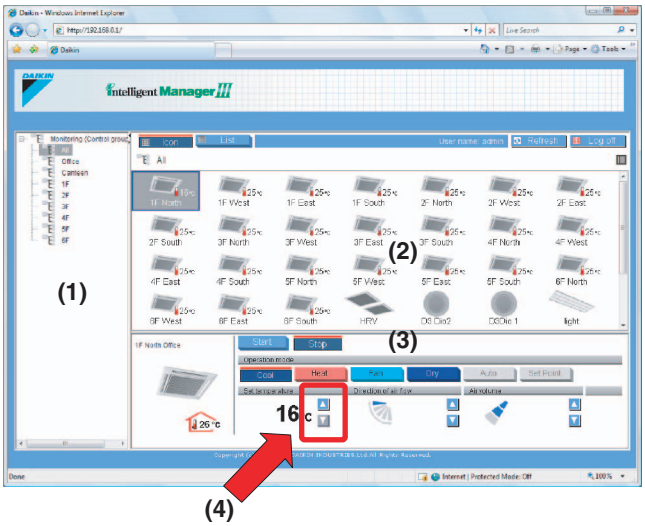
Ex.: Cool Heat

5-10 Changing the temperature setting

■ Procedure for changing the temperature setting

Change the temperature setting of air conditioners.

Screen 1: Main screen



The temperature setting can be switched by control group or by management point.

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

[Procedure]

1. To change for a control group, select “Monitoring (Control group list)” from the function tree (1), then select the control group that you want to change from the status display area (2).
   To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the management point from the main display area (2).

2. Click “ ▲ or ▼ ” (4) to change the temperature setting.

Ex.: For the Figure 1 control group setting, the temperature settings available are between 20 °C and 30 °C inclusive.

Figure 1:

Control group name	Management point name	Range of temperature settings available (see NOTE)
Canteen	1 F North	25–30˚C
	1 F West	20–25˚C

When the temperature setting is 30 °C, the actual temperature settings for air conditioners are as shown Figure 2:

Figure 2:

Control group name	Management point name	Temperature setting
Canteen	1 F North	30˚C
	1 F West	25˚C

NOTE

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

- Range of temperature settings inherent to the air conditioner main unit.
- Range of temperature as a result of the restriction by temperature setting limit set on the intelligent Manager console.

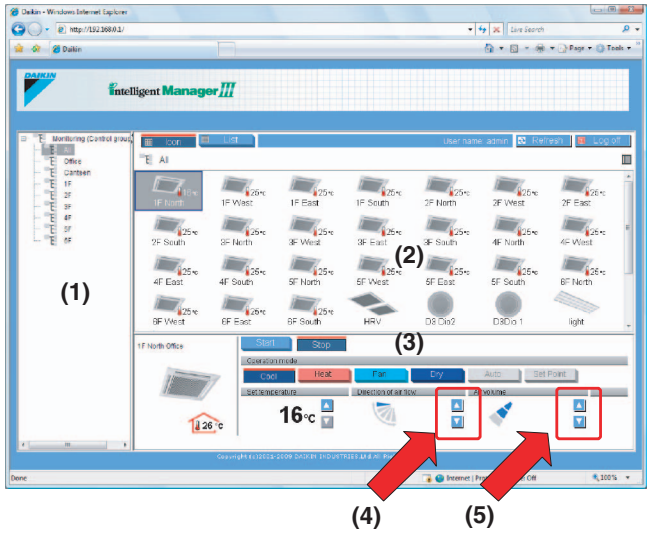
For more information, refer to the intelligent Manager Software manual.

5-11 Changing the direction of air flow and air volume

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

Change the fan direction or volume of air conditioners.
The fan direction or volume can be changed by control group or by management point.

Screen 1: Main screen



[Procedure]

1. To change for a control group, select “Monitoring (Control group list)” from the function tree (1), then select the control group that you want to change from the status display area (2).
   To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the management point from the main display area (2).

2. Click “ ▲ or ▼ ” (4) to change the direction of air flow.

   Click “ ▲ or ▼ ” (5) to change the air volume.

⚠ CAUTION

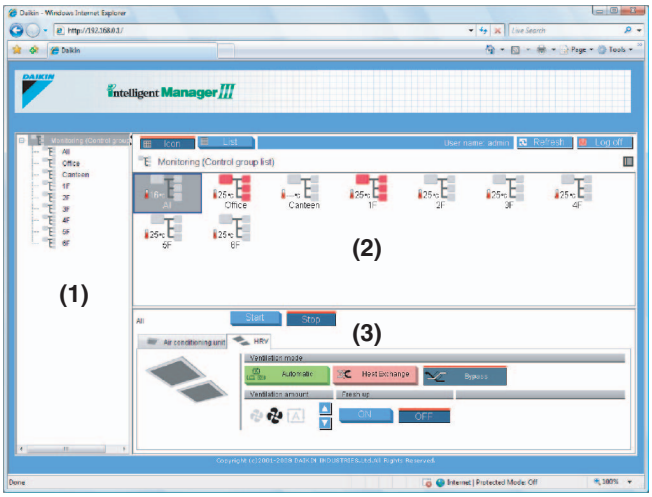
For some air conditioner models, the direction of air flow and/or air volume cannot be changed. In this case these buttons ((4) and (5)) are grayed out.

5-12 Changing the ventilation amount and the freshen up function

■ Procedure for changing the HRV settings

Change the Ventilation amount and the Freshen up settings for HRVs.
The Ventilation amount and the Freshen up settings can be changed by control group or by management point.

Screen 1: Main screen

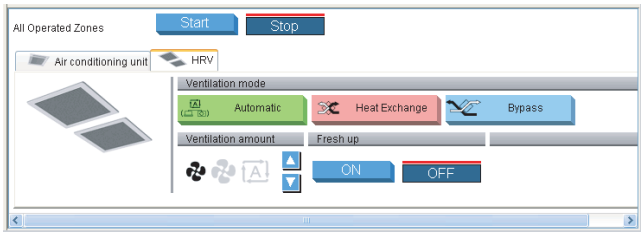


[Procedure]

1. To change for a control group, select “Monitoring (Control group list)” from the function tree (1), then select the control group that you want to change from the status display area (2).
   To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the management point from the main display area (2).

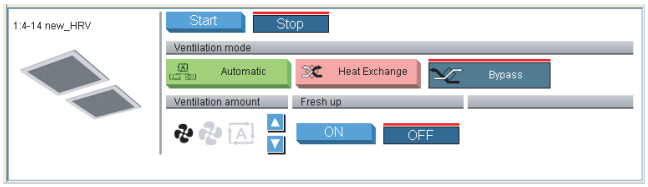
2. Click the “ HRV ” tab in the control group setting area (Screen 2) to change the settings for HRVs in a control group.

Screen 2: Control group setting area



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

Screen 3: Group setting area (HRV)



ON — Turns the Freshen up function On.

OFF — Turns the Freshen up function Off.

▼ ▲ — Adjusts the Ventilation amount.

[A] — Indicates the Automatic ventilation amount setting.

Indicates the Strong ventilation amount setting.

Indicates the Weak ventilation amount setting.

⚠ CAUTION

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

5-13 Notes on the basic mode

⚠ CAUTION

In the Basic mode, clicking a button, such as “ Start ”, “ ▲ ”, or “ Auto ”, immediately sends your request to air conditioners and you cannot undo your operation. Therefore be sure to click only an appropriate button, especially when your target is a control group.

⚠ CAUTION

Start Stop

Clicking the selected button (see the above figure) does not send your request. If you want to send the Start request, click Stop and then Start.

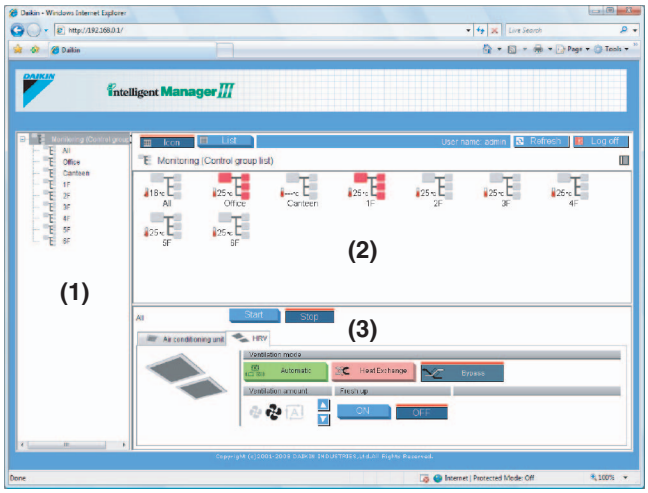
5-14 Monitoring operations of all the devices in a specific control group or management point

■ Procedures for monitoring control group or management point operations

Monitor operations in both the Icon and List display modes.

Click “ Icon ” or “ List ” to switch the display mode.

Screen 1: Main screen (Icon display mode)



Operations can be monitored by control group or by management point. To monitor operations of devices in a control group, select the “Monitoring (Control group list)” item from the function tree area (1). The operation status appears in the main display area (2).
To monitor operations of devices in a management point, select the control group including the management point from the function tree area (1). The operation statuses for all the management point included in the selected control group appear.

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

∗**About control group:**

- **If one or more management point in the selected control group are operational,** the Start/Stop state for the control group is “On.” **If one or more management point in the selected control group are in an error state**, the operation state for the control group is “Error.”
  If one or more management point in the selected control group have an illuminated filter/element sign, the filter/element sign for the control group also illuminates.
- An illuminated Auto Control sign informs that **the selected control group is associated with one or more schedule programs.**
- The under-control sign will be displayed **if the applicable control group is registered as an object of target power control.**
- In the air conditioner control group area, information on the room temperature, set temperature, operation mode, air volume, and direction of air flow is provided. In the HRV control group area, information on the Ventilation mode, Ventilation amount, and Freshen up function is provided. **Data of the representative unit is displayed, rather than that of the entire control group.**

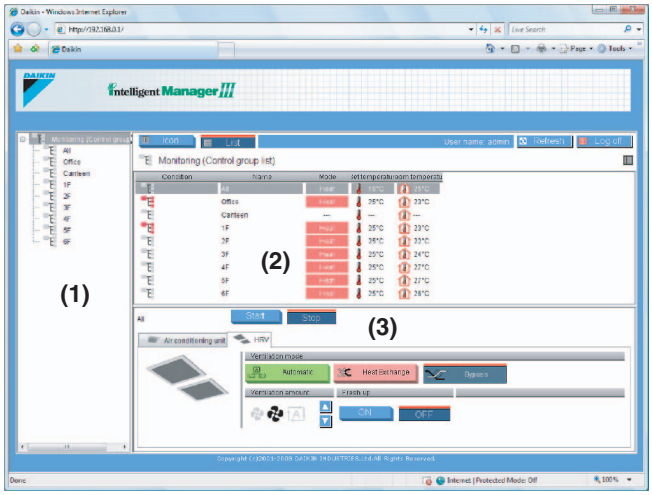
∗For more information on **the control group representative unit** is follow on.

[In the List Display Mode]

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

When a control group is selected, the setting area (3) (Screen 2) displays the settings of the representative unit.

Screen 2: Main screen (List display mode)



⚠ CAUTION

〈Control group representative unit〉
In a control group monitoring process, the following management point is selected as the representative unit.

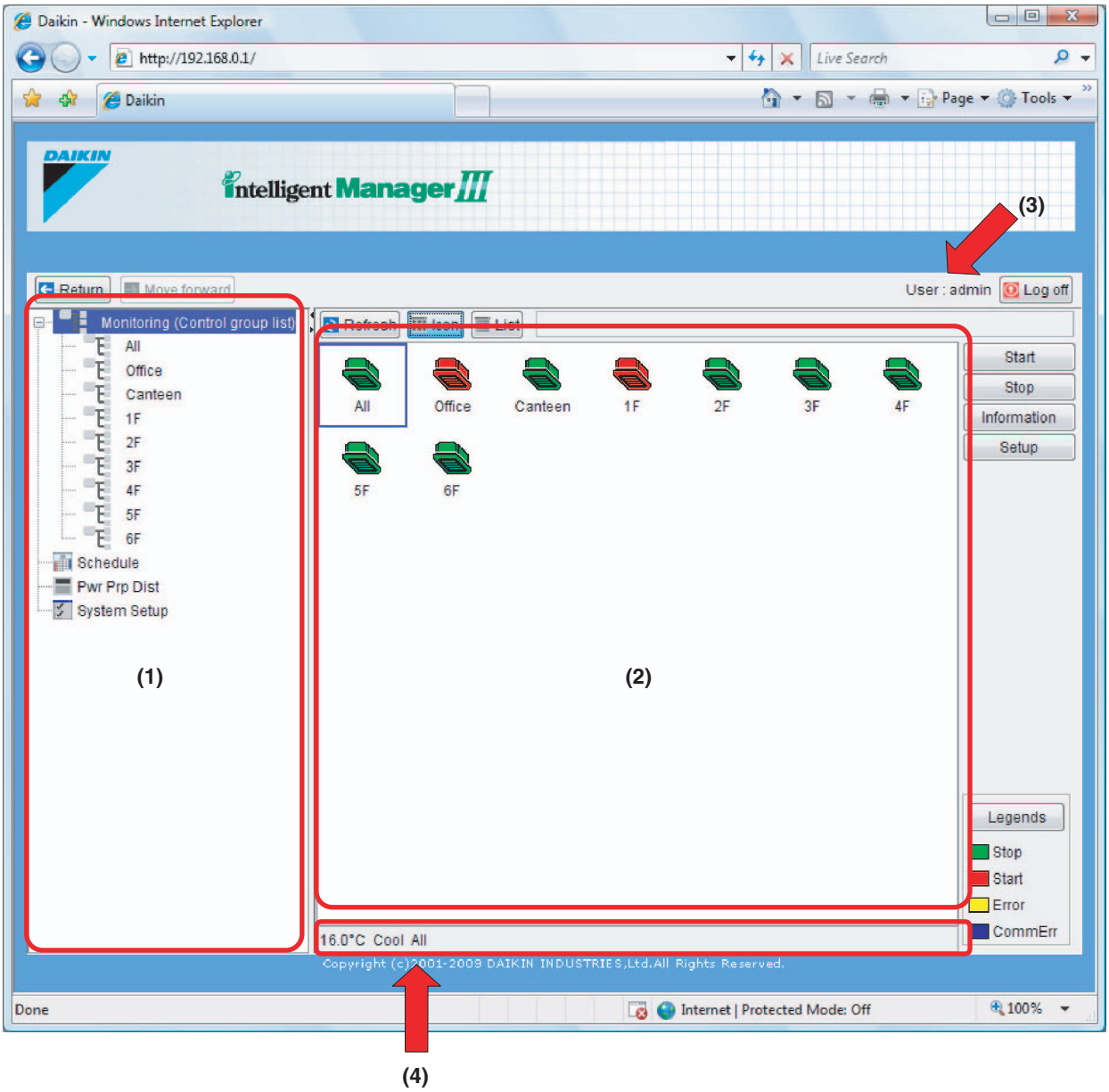
- In the Icon display mode: the management point displayed at the upper left corner
- In the List display mode: the top management point in the list.

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

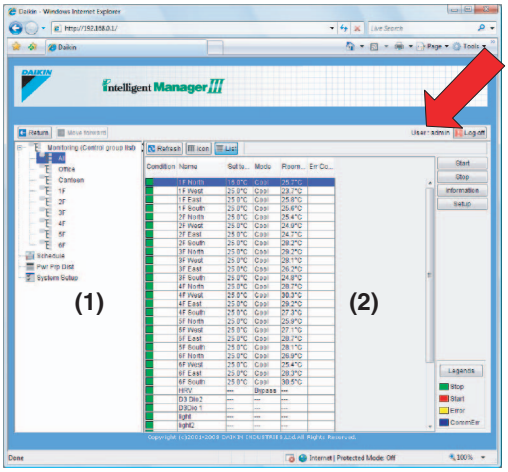
6. ADVANCED MODE

6-1 Main Screen

This section provides the description of the Main screen for the Advanced mode. When logging into the application in the Advanced mode, you will see the following screen.



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



← The figure to the left shows the Main screen displayed in the List display mode.
In the List display mode the area (4) is not provided.

■ Display Areas on the Main Screen

(1) ⟨Function tree⟩
This displays a list of the control groups and setting functions which can be operated with the user ID that is currently logged in.

(2) ⟨Main display area⟩
Displays devices in the control group selected in the function tree area (1). Also setting functions related to the control group is provided.
*In the Icon display mode, the icons set in the intelligent Manager console are used.

(3) ⟨User Name⟩
Displays the login name of the user currently logging into the web interface.

(4) ⟨Status display area in the Icon display mode⟩
Provides device status information. This bar is displayed only in the Icon display mode.

■ Action Buttons

Icon	Changes the main display area to the Icon display mode.
List	Changes the main display area to the List display mode.
Start	Starts all the devices included in the selected control group or management point. (See page 26)
Stop	Stops all the devices included in the selected control group or management point. (See page 26)
Information	Launches a dialog box displaying detailed information on the selected control group or management point. (See page 33)
Setup	Launches a dialog box where you can set up the selected control group or management point. (See page 27)
Legends	Launches a dialog box describing detailed information on items displayed in the Icon/List display modes. (See page 32)
Return	Returns to the screen specified by the previous function tree setting. You can return to the screen up to 20 generations (maximum).
Move forward	Undoes your return operation.
Refresh	Updates control management point or group status information in the main display area with the most recent data of the intelligent Manager.
Log off	Allows users to log off and returns to the login authentication screen.

6-2 Starting/stopping all the devices in a specific group

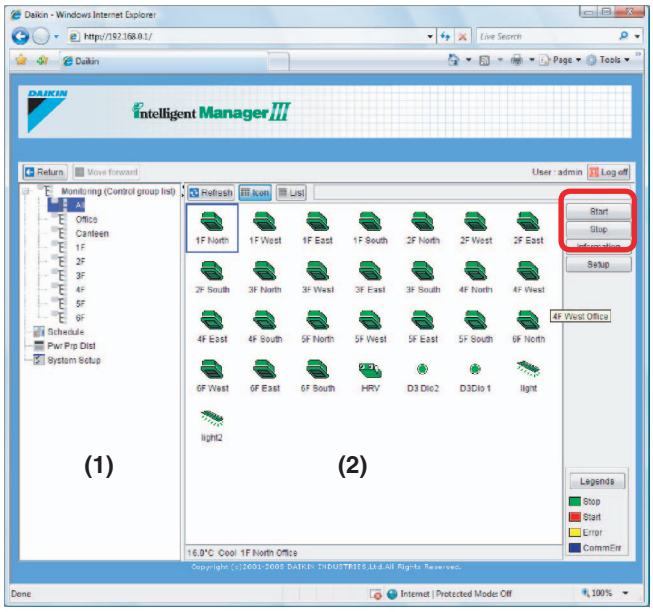
■ Procedure for starting/stopping all the devices in a specific management point

Start or stop all the air conditioners included in a specific management point.

[Procedure]

1. On the Main screen (Screen 1) select the control group which includes a desired management point from the function tree area (1).

Screen 1: Main screen



2. Management point assigned to the selected control group appear in the main display area (2). Select the management point in this area.
3. Click " Start " or " Stop ".

6-3 Starting/stopping all the devices in a specific control group

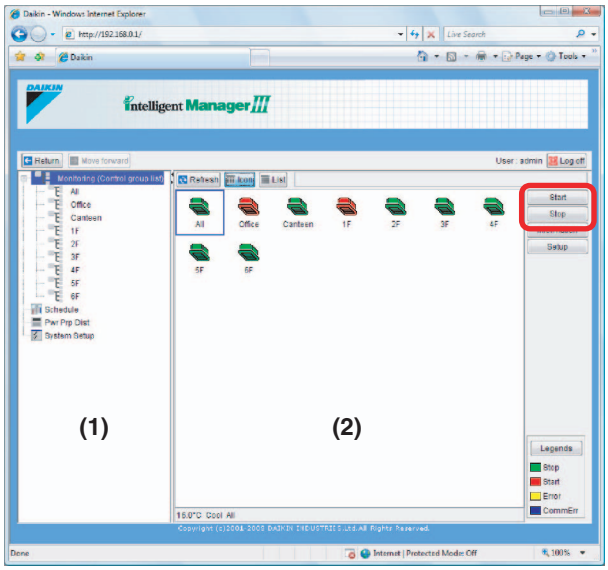
■ Procedure for starting/stopping all the devices in a specific control group

Start or stop all the devices in air conditioner groups assigned to a control group all together.

[Procedure]

1. Select the "Monitoring (Control group list)" item from the function tree area (1) in the Main screen (Screen 1).

Screen 1: Main screen



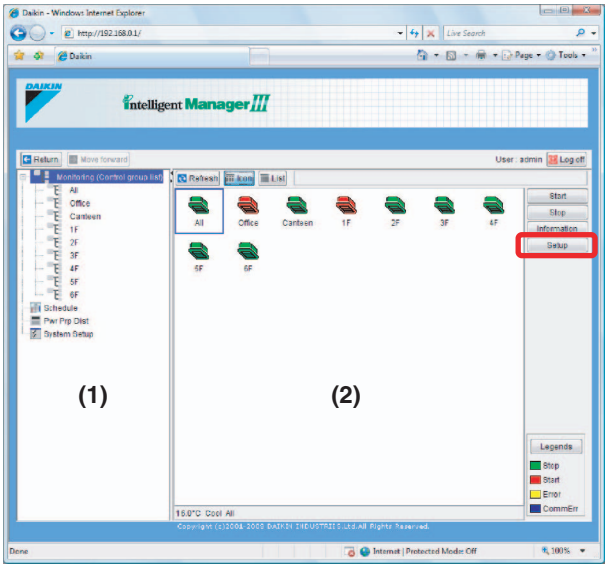
2. A control group list appears in the main display area (2). Select a desired control group in this area.
3. Click " Start " or " Stop ".

6-4 Switching the operation mode

■ Procedure for switching the operation mode

Switch the operation mode of the air conditioner.

Screen 1: Main screen



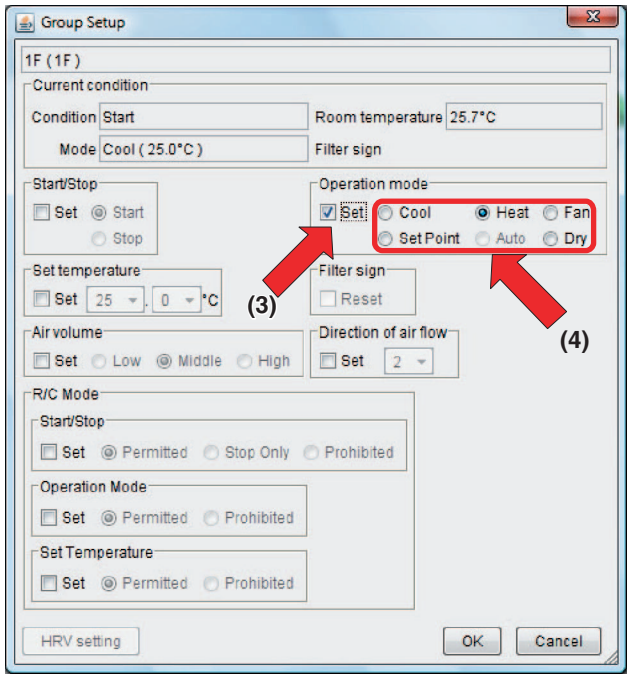
The operation mode can be switched by control group or by management point.

[Procedure]

1. To change the setting for all the devices in a control group, select the “Monitoring (Control group list)” item from the function tree area (1), and select the control group from the main display area (2).
   To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the management point from the main display area (2).

2. Click “ Setup ”. Screen 2 Operation appears.

Screen 2: Setup screen



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

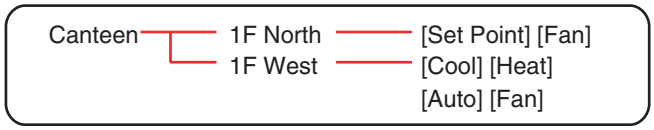
   On the menu, operation modes available for air conditioners in the control group are displayed if the switching is to be made by control group. See the following example.

4. Click “ OK ”.

   To cancel the setting, click “ Cancel ”.

Ex.: For the control group of the figure 1 you can set the operation mode to “Fan”, “Cool”, “Heat”, “Set Point”, or “Auto”. When one or more air conditioners in the control group do not have Cool/Heat option, you can select only “Fan” or “Set Point” mode.

Figure 1

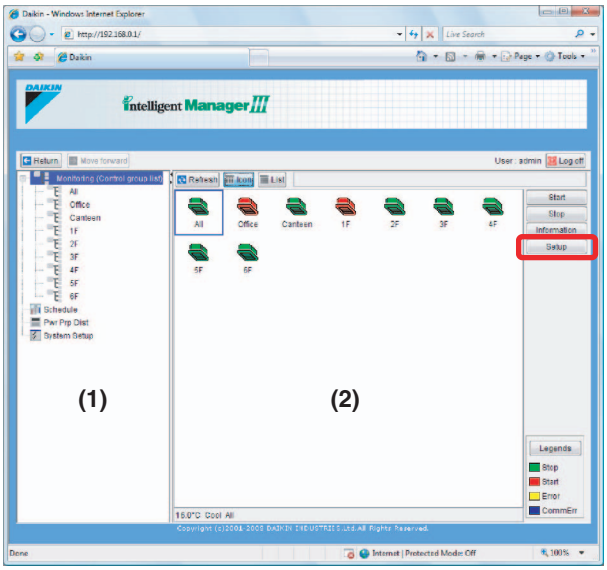


6-5 Changing the temperature setting

■ Procedure for changing the temperature setting

Change the temperature setting of air conditioners.

Screen 1: Main screen



The temperature setting can be switched by control group or by management point.

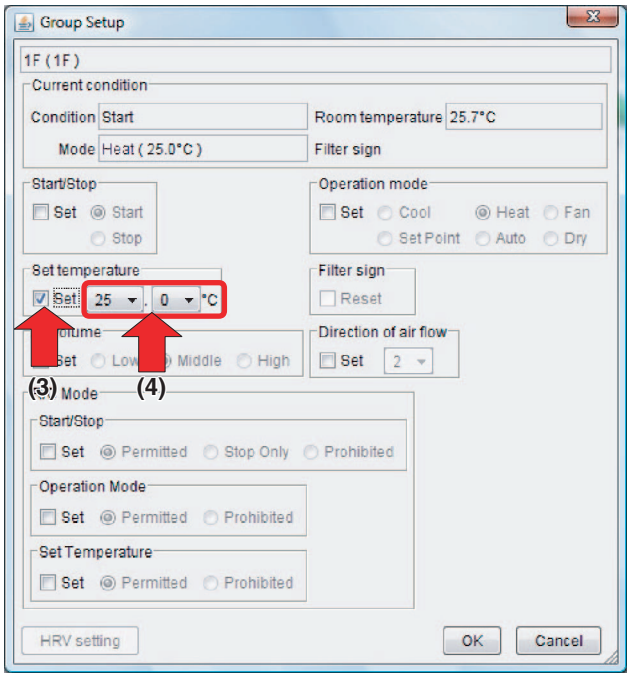
When all the air conditioners in the selected management point or control group are in the Fan mode, the temperature setting cannot be changed.

[Procedure]

1. To change for a control group, select “Monitoring (Control group list)” from the function tree (1), then select the control group that you want to change from the status display area (2).
   To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the management point from the main display area (2).

2. Click “ Setup ”. Screen 2 Group Setup appears.

Screen 2: Group Setup screen



3. Select the Set checkbox (3) in the Set temperature frame, and set the integral and decimal parts using the pull-down menus (4).

In a control group setting, the pull-down menus are pre-populated with allowable temperature values for the air conditioners in the control group. See the following example.

4. Click " OK ".

To cancel the setting, click " Cancel ".

Ex.: For the control group setting in the figure 1, the temperature settings available are between 20°C and 30°C inclusive.

Figure 1

Control group name	Management point name	Range of temperature settings available (see NOTE)
Canteen	1F North	25 - 30°C
	1F West	20 - 25°C

When the temperature setting is 30°C, the actual temperature settings for air conditioners are as shown in the figure 2.

Figure 2

Control group name	Management point name	Range of temperature settings available (see NOTE)
Canteen	1F North	30°C
	1F West	25°C

NOTE

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

- Range of temperature settings inherent to the air conditioner main unit.
- Range of temperature as a result of the restriction by temperature setting limit set on the intelligent Manager console.

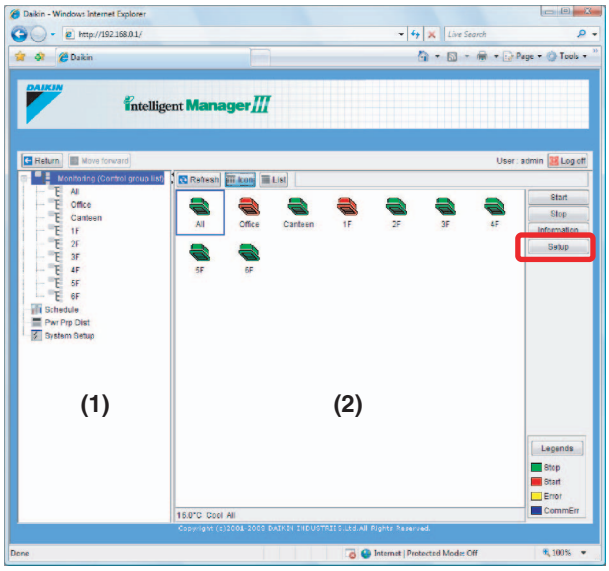
For more information refer to the intelligent Manager manual.

6-6 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.

Screen 1: Main screen



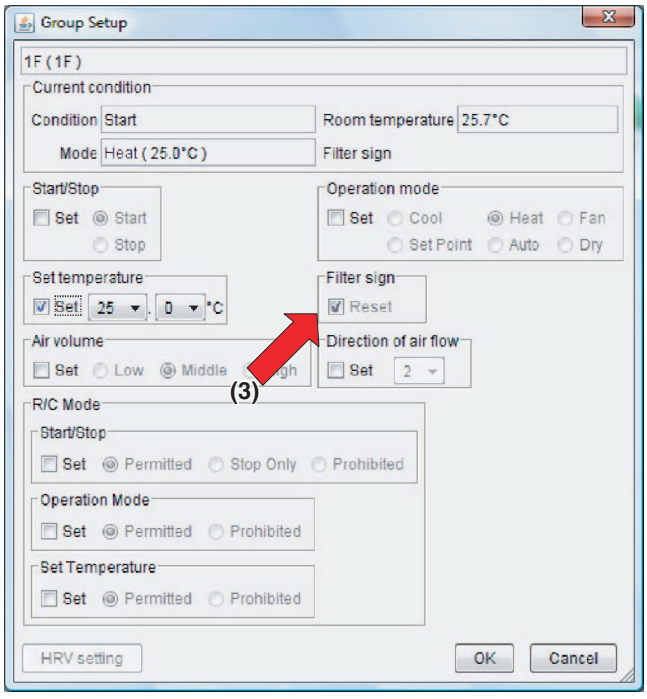
You can reset all the signs displayed on air conditioners in a management point or control group all together.

[Procedure]

1. To change for a control group, select "Monitoring (Control group list)" from the function tree (1), then select the control group that you want to change from the status display area (2). To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the management point from the main display area (2).

2. Click " Setup ". Screen 2 Group Setup appears.

Screen 2: Group Setup screen



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

4. Click " OK ".

To cancel the setting, click " Cancel ".

⚠ CAUTION

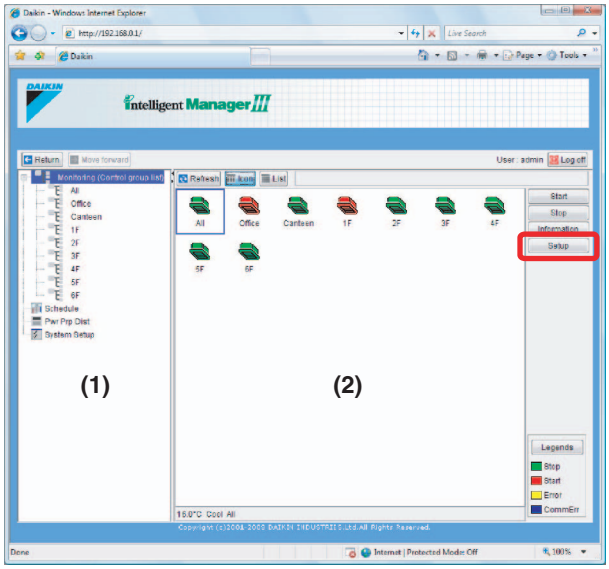
In a control group setting, if one or more devices in the control group do not provide the filter/element sign, the Reset check-box is grayed out.

6-7 Changing the direction of air flow and air volume

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

Change the fan direction or volume of air conditioners.

Screen 1: Main screen

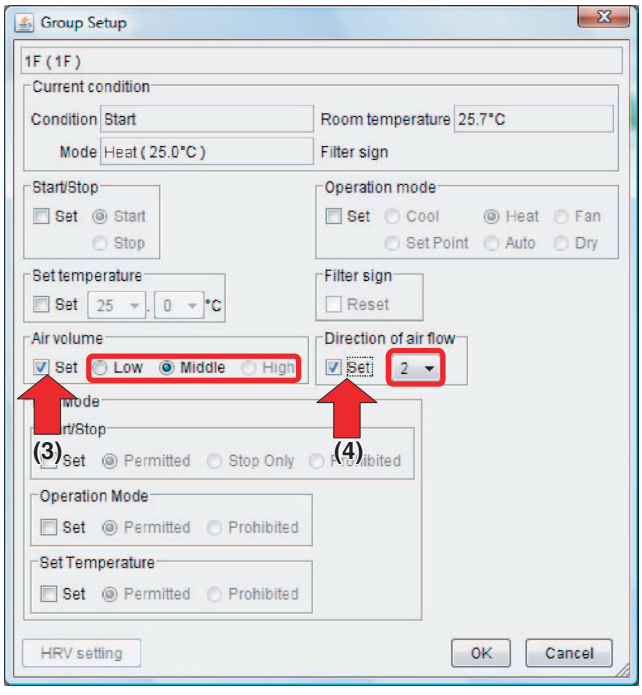


The fan direction or volume can be changed by control group or by management point.

[Procedure]

1. To change for a control group, select “Monitoring (Control group list)” from the function tree (1), then select the control group that you want to change from the status display area (2). To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the group from the main display area (2).
2. Click “ Setup ”. Screen 2 Operation appears.

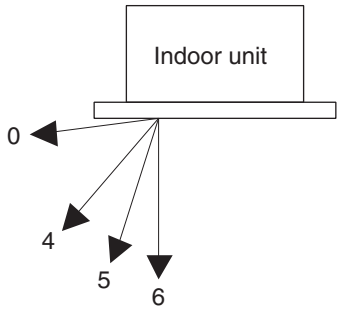
Screen 2: Group Setup screen



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

   To cancel the setting, click “ Cancel ”.

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



7: Auto Swing mode

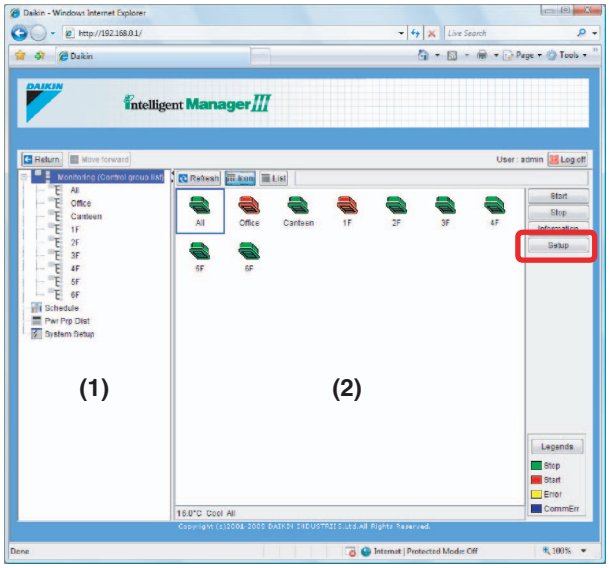
Selecting a higher number results in a more vertical direction. The value “7” indicates the Auto Swing mode. However some models may not support this setting. Check the direction of air flow displayed on the local remote controller screen after setting.

6-8 Changing the HRV settings

■ Procedure for changing the HRV settings

Change HRV settings.

Screen 1: Main screen



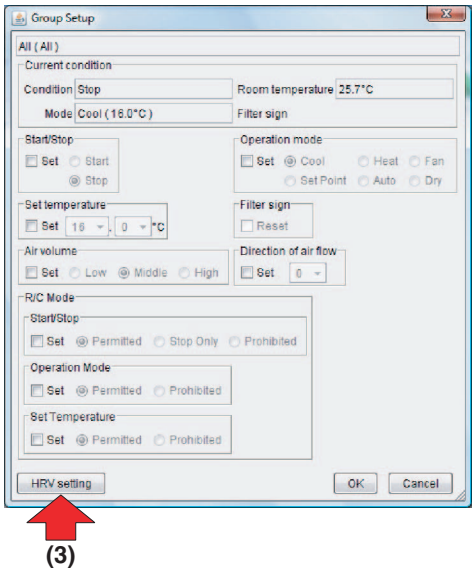
You can change settings of all the HRVs included in a control group or management point all together.

[Procedure]

1. To change for a control group, select “Monitoring (Control group list)” from the function tree (1), then select the control group that you want to change from the status display area (2).
   To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the management point from the main display area (2).

2. Click “ Setup ”. Screen 2 Operation appears.

Screen 2: Group Setup screen

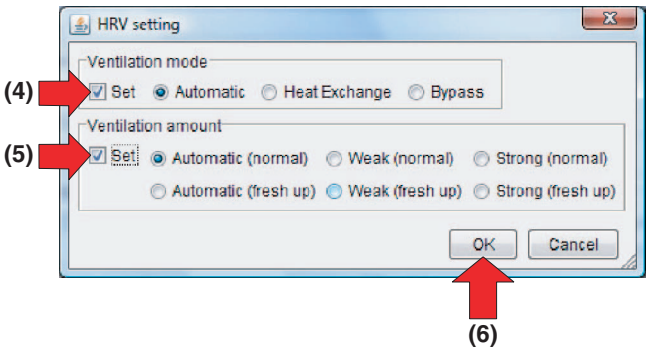


[When Selecting a Control group Including HRVs]

When selecting a control group including HRVs, the Group Setup screen (Screen 2) appears.

Click “ HRV setting ” (3) to display the HRV setting screen (Screen 3). You can set up the following two items.

Screen 3: HRV setting screen



Ventilation mode (4)

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

Ventilation amount (5)

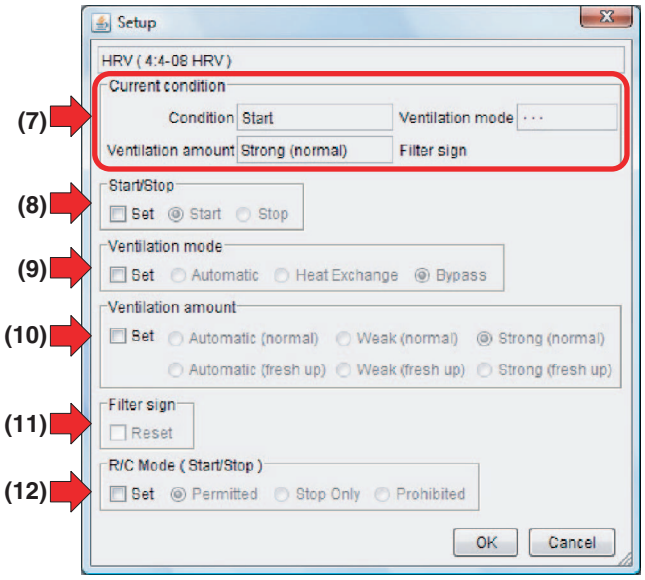
In this frame the Ventilation amount setting can be changed. Select the Set checkbox, and check a desired radio button.

Upon completion, click “ OK ” (6) and return to the Main screen.

[When Selecting an HRV Management Point]

When selecting an HRV management point, the Setup screen (Screen 4) appears. This dialog box offers the following items.

Screen 4: Setup screen



Current Condition (7)

Displays the current HRV status. The following four data items are provided.

- Start/Stop state
- Ventilation mode
- Ventilation amount
- Filter sign

Start/Stop (8)

In this frame you can start or stop the devices. Select the Set checkbox and check a desired radio button.

Ventilation mode (9)

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

Ventilation amount (10)

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

Filter sign (11)

When the Reset indicator is not grayed out, one or more filter signs illuminate. (In the Screen 4 the indicator tells that no sign illuminates.)
To reset the filter signs, select the Reset checkbox.

R/C Mode (Start/Stop) (12)

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

Upon completion, click “ OK ” on each screen and return to the Main screen.

⚠ CAUTION

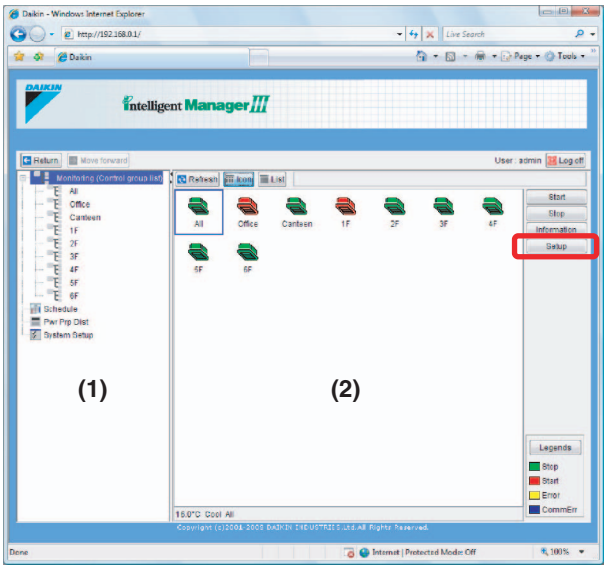
Some HRV models may not support the Freshen up and/or Ventilation amount setting options. In this case unavailable buttons are grayed out.

6-9 Permitting/prohibiting remote controller operations

■ Procedure for permitting/prohibiting remote controller operations

Permit or prohibit operations through remote controllers.

Screen 1: Main screen



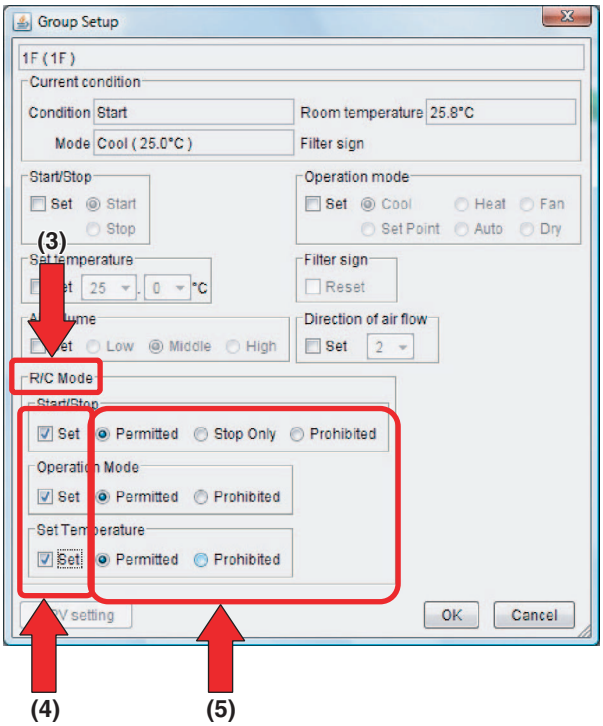
You can change the settings of all the devices included in a management point or control group.

[Procedure]

1. To change for a control group, select “Monitoring (Control group list)” from the function tree (1), then select the control group that you want to change from the status display area (2). To change the setting for all the devices in a management point, select the control group including the management point from the function tree area (1), and select the management point from the main display area (2).

2. Click “ Setup ”. Screen 2 Operation appears.

Screen 2: Group Setup screen



For an HRV group setting, see the previous page.

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

4. Upon completion, click “ OK ”.

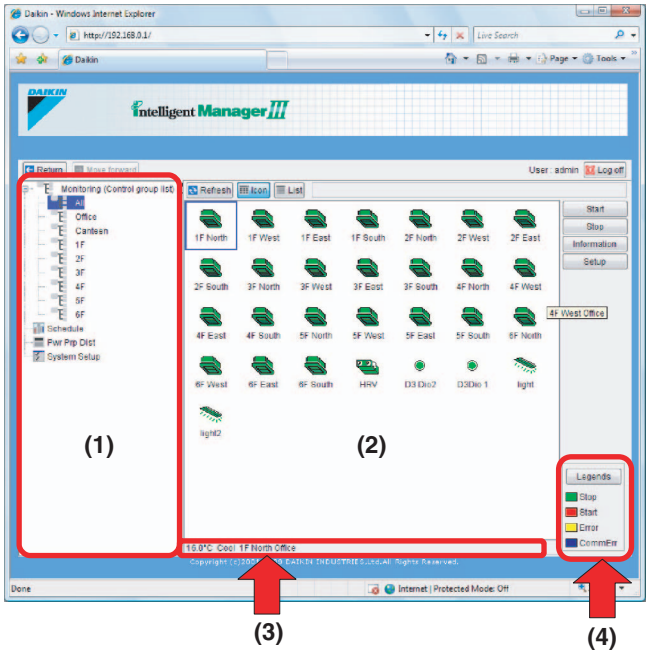
   To cancel your settings, click “ Cancel ”.

6-10 Monitoring operations of all the devices in a specific control group or management point

■ Procedures for monitoring control group or management point operations

Operations can be monitored by control group or by management point.

Screen 1: Main screen (Icon display mode)



To monitor operations of devices in a control group, select the “Monitoring (Control group list)” item from the function tree area (1). The operation status appears in the main display area (2). To monitor operations of devices in a management point, select the control group including the management point from the function tree area (1). The operation statuses for all the management point included in the selected control group 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 management point or control group in the main display area (2).

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

〈When all the devices operate normally〉

- Temperature setting

  For a control group, the operation mode of the representative unit is shown.

- Operation mode

  For a control group, the temperature setting of the representative unit is shown.

- Management point name

  For a control group, the control group name is shown.

〈When any of the devices failed〉

- Error code

  For a control group, the error code that explains the status of the failed device is shown.

- Management point name

  For a control group, the control group name is shown.

∗For more information on the representative unit, see the following.

[Displayed Items in the List Display Mode]

In the main display area (2) the following control group or management point information is displayed.

- Start/Stop state

  For a control group, see the following section.

- Presence/absence of error

  For a control group, see the following section.

- Presence/absence of Auto Control setting

  For a control group, see the following section.

- Presence/absence of filter/element signs

  For a control group, see the following section.

- Temperature setting

  For a control group, the temperature setting of the representative unit is shown.

- Operation mode

  For a control group, the operation mode of the representative unit is shown.

- Room temperature

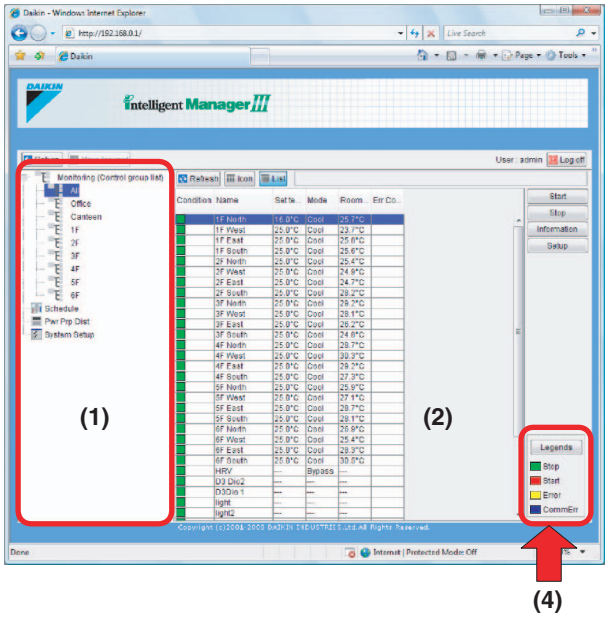
  For a control group, the room temperature of the representative unit is shown.

- Error code

  For a control group, the error code that explains the status of the failed device is shown.

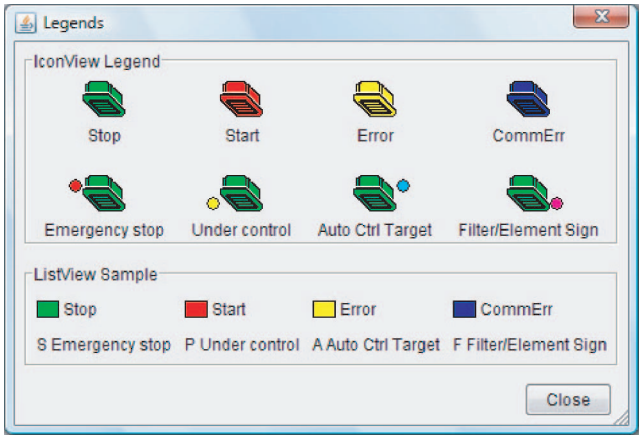
The frames ((4) in the Screen 1 and 2) at the lower right corner show legends.

Screen 2: Main screen (List display mode)



To see the detailed legend information shown in the Screen 3, click “ Legends ”.

Screen 3: Legends screen



To return to the Main screen, click “ Close ”.

CAUTION 1

Representative unit:
In a control group monitoring process, the following management point is selected as the representative unit.

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

[Notes on Control Group Display]

- **If one or more management point in the selected control group are operational,** the Start/Stop state for the control group is “On.” **If one or more management point in the selected control group are in an error state**, the operation state for the control group is “Error.”

  If one or more management point in the selected control group have an illuminated filter/element sign, the filter/element sign for the control group also illuminates.
- The automatic control sign is displayed when **that control group is registered for automatic control.**
- The control in progress sign is displayed when **that control group is registered for target power control.**
- In the air conditioner control group area, information on the room temperature, set temperature, operation mode, air volume, and direction of air flow is provided. In the HRV control group area, information on the Ventilation mode, Ventilation amount, and Freshen up setting is provided.

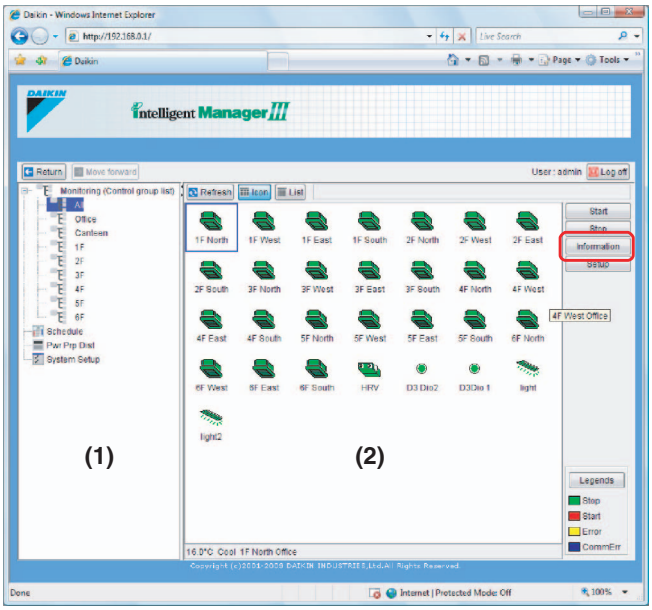
  Data of the representative unit (⚠ CAUTION 1) is displayed, rather than that of the entire control group.

6-11 Monitoring detailed information

■ Procedures for monitoring detailed information

Detailed operation status can be monitored by control group or by management point.

Screen 1: Main screen

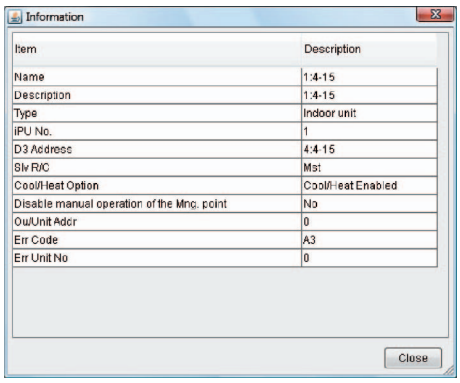


[Procedure]

1. To view information on a control group, select the “Monitoring (Control group list)” item from the function tree area (1). To view information on a management point, select the control group including the management point from the function tree area. Then select the target control group or management point in the main display area (2).

2. Click “ Information ”. The Information screen (Screen 2) appears and provides the following data items.

Screen 2: Information screen



[A/C management point]

1) Name : Management point name
2) Description : Management point description
3) Type : Air conditioner or device
4) iPU NO. : iPU No.
5) D3 Address : Central address
6) Slv R/C : Master/Slave
7) Cool/Heat Option : With/Without
8) Disable manual operation of the Mng. Point : With/Without
9) Ou/Unit Addr : Address of outdoor unit
10) Err Code : Error code
11) Err Unit No : Error unit number

NOTE

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

[For a control group]

12) Name : Control group name
13) Start1by1 : Enabled/Disabled
14) Interval : Interval when Enabled is set for the above
15) Nb of Regist Grp : Numbers of registered groups

Click “ Close ” to return to the Main screen.

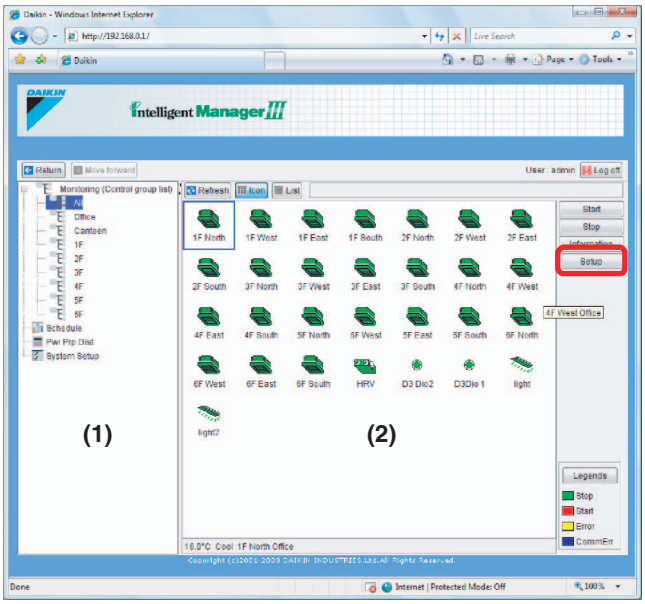
On the Information screen for HRV management point, items 1), 2), 3), 4), 5), 6), and 8) (plus 10) and 11) in an error state) are displayed. For D3Dio/D3Di groups, items 1), 2), 3), 4), 5), 8), and 10) (plus 10) and 11) in an error state) are displayed.

6-12 Monitoring detailed operation status

■ Procedure for monitoring detailed operation status

Detailed operation status can be monitored by control group or by management point.

Screen 1: Main screen

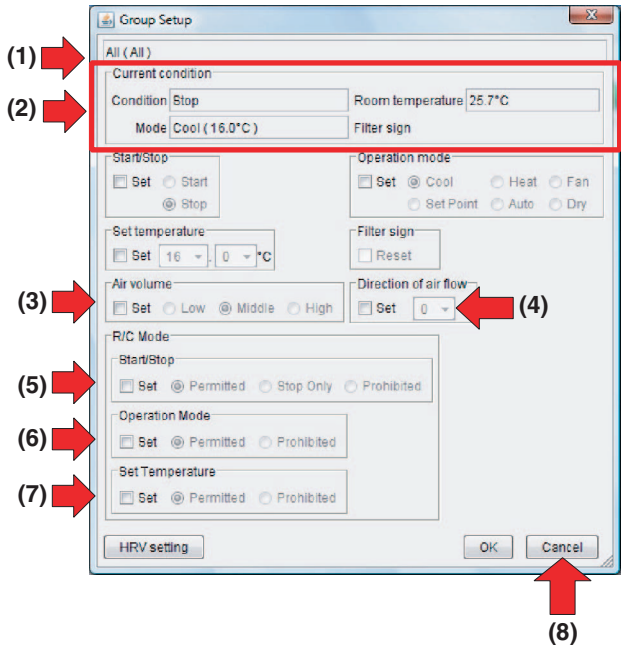


[Procedure]

1. To view information on a control group, select the “Monitoring (Control group list)” item from the function tree area (1). To view information on a group, select the control group including the management point from the function tree area. Then select the target control group or management point in the main display area (2).

2. Click “ Setup ” to display the Group Setup screen (Screen 2).
   This screen provides the following information.

Screen 2: Group setup screen



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

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

(3) Air volume
Displays current air volume.

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

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

(5) Start/Stop
“Permitted”
“Stop Only”
“Prohibited”

(6) Operation Mode
“Permitted” or “Prohibited”

(7) Set Temperature
“Permitted” or “Prohibited”

3. Upon completion, click “ Cancel ” (8) to return to the Main screen.

⚠ CAUTION

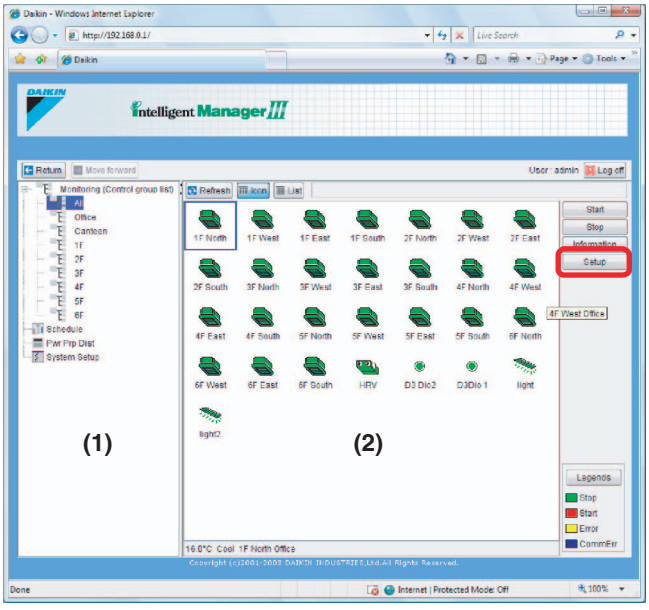
This screen can be used for both setting and monitoring. When using it only for monitoring, be sure to click “ Cancel ”, rather than “ OK ” to close it. This prevents you from inadvertently changing existing settings.

6-13 Monitoring operation status of HRVs

■ Procedure for monitoring HRV operation

The operation of all the HRVs can be monitored by control group or by management point.

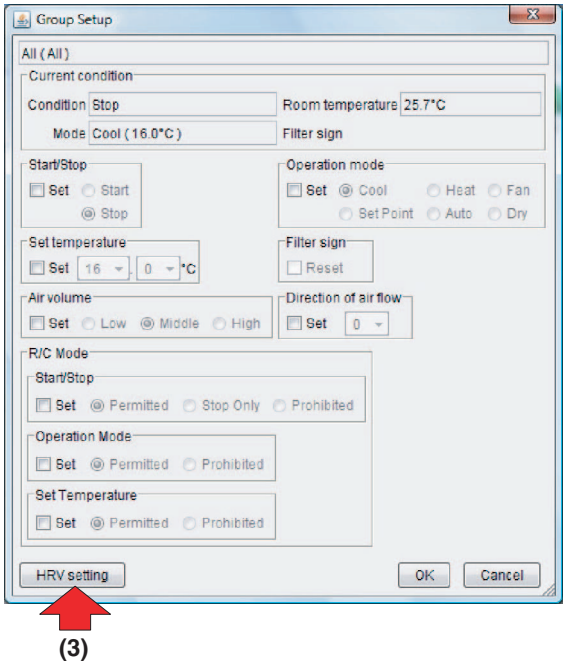
Screen 1: Main screen



[Procedure]

1. To view information on a control group, select the “Monitoring (Control group list)” item from the function tree area (1). To view information on a group, select the control group including the management point from the function tree area. Then select the target control group or management point in the main display area (2).
2. Click “ Setup ”. Screen 2 Operation appears.

Screen 2: Group Setup screen

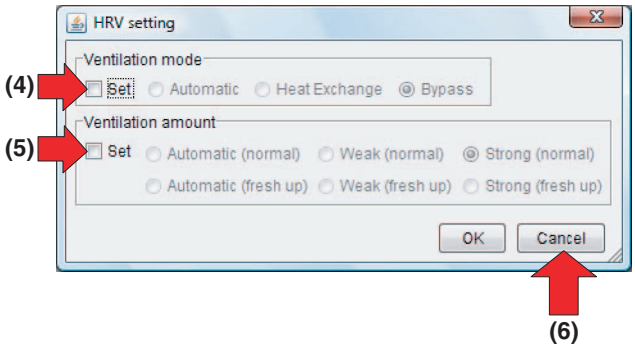


[When Monitoring a Control Group of HRVs]

When selecting a control group including HRVs, the Group setup screen (Screen 2) appears.

Click “ HRV setting ” (3) to display the HRV setting screen (Screen 3).

Screen 3: HRV setting screen



You can view the following two items.

Ventilation mode (4)
Displays the current Ventilation mode.

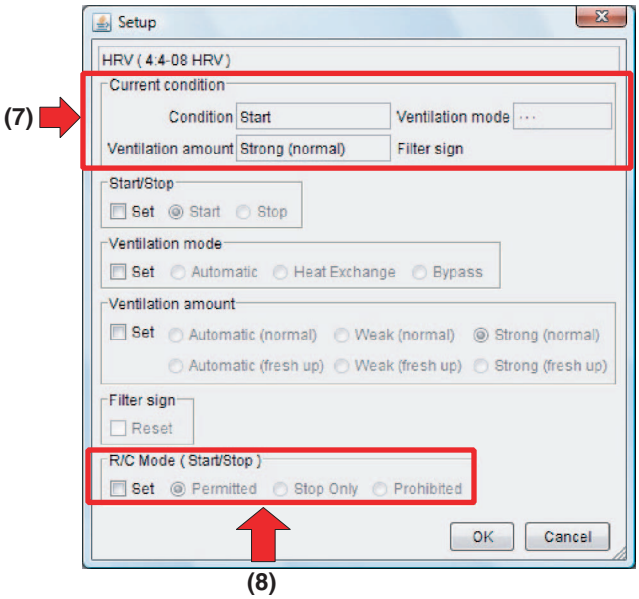
Ventilation amount (5)
Displays the current Ventilation amount.

Upon completion, click “ Cancel ” (6) to return to the Main screen.

[When Monitoring a Management Point of HRVs]

When selecting an HRV management point, the Setup screen (Screen 4) appears. You can view the following items in this screen.

Screen 4: Setup screen



Current Condition (7)
- Start/Stop state
- Ventilation amount
- Ventilation mode
- Filter sign

R/C Mode (Start/Stop) (8)
Displays the setting for permitting/prohibiting start/stop operations through remote controllers.

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

7. ABOUT SYSTEM SETUP MENU

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

Function	Web function authority required for operation	Simultaneous operation*2	Authority for the corresponding monitoring panel*3
Temperature setting restriction function	System Setup	Not permitted	System Setup
Password change function			
Schedule function	Schedule Setup	Not permitted	Schedule Setup
Pwr Prp Dist Setup	Pwr Prp Dist Setup	Not permitted	–
View function	Operation history	Operation history	–

The web functions which can be operated are different depending on the authority (*1) which is set for the user ID which is logged in. If the logged-in user ID does not have the required authority, then that web function cannot be operated.

*1 The authority which is set for the user ID is the user authority that is set from the monitoring panel system settings.

*2 Simultaneous use:
- This indicates whether or not two web function users (or a monitoring panel user and web function user) can operate the function at the same time.
- When two web function users (or a monitoring panel user and web function user) cannot operate a function simultaneously, the user who logged in first acquires the authority.
- Authority is retained from login to logout. After logout, the user releases the authority.

*3 Although the setting screens for the web function authority and monitoring software authority are different, the authority indicated here is the same in terms of restricting simultaneous operation.

Example 1: While a user with system setting authority for web functions is logged in from the web it is not possible to make system settings from the monitoring software.

Example 2: While a user with schedule registration authority for the monitoring panel is logged into the monitoring software, it is not possible to operate the schedule functions from the web.

*4 The proportional distribution function (optional) is required in order to utilize the collection of power proportional distribution data.

The details of each function are shown below.

<table>
<tr><th>System Setup Menu Name</th><th>Functional outline</th><th>Reference</th></tr>
<tr><td>Password Setting</td><td>This can be used to change the password for the user ID that is currently logged in.
The password that can be set is up to 15 alphanumeric characters.</td><td>See page 41</td></tr>
<tr><td>History view</td><td>This can be used to view the history (maximum 5000 entries) that is maintained by the master iPU.
The history utilizes a different text color for each history category, as shown below.
<table>
<tr><th>History category</th><th>Text color</th><th>Example of display</th></tr>
<tr><td>Error history</td><td>Red</td><td>Emergency stop</td></tr>
<tr><td>Alarm history</td><td>Blue</td><td>Indoor</td></tr>
<tr><td>Control history</td><td>Black</td><td>Indoor</td></tr>
<tr><td>Cancel history</td><td>Green</td><td>Emergency stop</td></tr>
<tr><td>Status change history</td><td>Black</td><td>Indoor</td></tr>
</table></td><td>See page 41</td></tr>
</table>

<table>
<tr><th>System Setup Menu Name</th><th>Functional outline</th><th>Reference</th></tr>
<tr><td>Operator history display function</td><td>
This is the function to store the additional information in the state change history, when an instruction (start/stop, temperature setting, and operation mode) to the management point is executed and the instruction state is changed by the monitor panel/WEB instruction.

The following two types of additional information are stored:

· Automatic control name
When an instruction is automatically issued from iPU, the auto-control name is recorded in the state change history as the additional information.

· User name
When an instruction is manually issued from iPU, the login user name and "from monitor panel/ WEB" are recorded in the state change history as the additional information.
When the user manually operates it without login, the login user name is recorded as "--" in the state change history.

The condition below determines whether the additional information for an instruction to the management point is recorded in the state change history.
1. When the state change coincides with the instruction or the instruction state change includes all the instruction, iPU is determined as an operator.
2. When the state change partly coincides with the instruction, iPU is determined as an operator.
3. When the state change totally differs from the instruction, the remote-controller or other centralized equipment is determined as an operator.
(When multiple operations are issued from iPU, the latest instructed operation is determined as an operator.)

* The additional information for an operation from the remote-controller or other centralized equipment is not recorded in the state change history.

As shown below, the additional information is displayed in the state change history in the history display screen of the monitor panel and WEB.
<table>
<tr><th>Operator</th><th>History display string
(**** stands for a state change string, USER stands for the user name)</th></tr>
<tr><td>Monitor panel</td><td>**** (PC:USER)</td></tr>
<tr><td>WEB</td><td>**** (WEB:USER)</td></tr>
<tr><td>Schedule</td><td>**** (Schedule)</td></tr>
<tr><td>Optimal startup control</td><td>**** (Optimum Startup)</td></tr>
<tr><td>Interlock control</td><td>**** (Interlocking)</td></tr>
<tr><td>Emergency stop</td><td>**** (Emg. Stop)</td></tr>
<tr><td>Goal electric power control</td><td>**** (Power Limit Ctrl)</td></tr>
<tr><td>Energy saving control</td><td>**** (Eco Mode)</td></tr>
<tr><td>Power outage/
power recovery control</td><td>**** (Power Status)</td></tr>
<tr><td>Automatic Change Over</td><td>**** (ACO)</td></tr>
<tr><td>Heating Mode Optimization</td><td>**** (HMO)</td></tr>
<tr><td>Timer Extension</td><td>**** (Timer Exl.)</td></tr>
<tr><td>Temperature Limit</td><td>**** (Temp. Limit)</td></tr>
<tr><td>Sliding Temperature</td><td>**** (Sliding Temp.)</td></tr>
</table>
</td><td>–</td></tr>
<tr><td>Temperature setting restriction function</td><td>
This can be used to set restrictions on the temperature settings for A/C unit heating/cooling, and to make temperature settings.

Example:
If the temperature setting restrictions are set to “Cooling 25°C - 30°C,” then if the temperature setting is set to 20°C using the hand-held remote controller, then after a few seconds i-Manager automatically changes the temperature setting to 25°C.
</td><td>See page 42</td></tr>
</table>

System Setup Menu Name	Functional outline	Reference
Overview: Schedule Creation Procedure	The Schedule menu item allows you to create operation schedules and link it to one or more control group or management point. 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 Manager according to the usage of the air conditioners. The options provided for creating schedule events are: • Start/Stop • Permitting/prohibiting local remote controller operations • Operation mode • Setting temperature • Ventilation mode (∗) • Ventilation amount (∗) ∗ Only for HRVs The following describes the steps required to make a plan to create scheduling patterns. • 9 types of days can be registered: weekday settings “Sunday – Saturday,” and special settings “holidays,” and “special days.” The above 9 types of days are incorporated into the below “calendar settings.” • Do the setting of “calendar setting” : “weekly setting”, “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, make an “event setting” for each of the above 9 types of days: weekday settings “Sunday – Saturday,” and special settings “holidays,” and “special days.” (Example: Set Zone 1 to start operating at 9:00, stop at 17:00.) → Up to 16 actions can be set for each day. The above is considered 1 schedule, and a maximum of 200 schedules can be set.	See page 43
Create schedule program	This can be used to create a new schedule program. A maximum of 200 schedule programs can be created.	See page 45
Copy schedule program	This can be used to copy a created schedule program.	See page 46
Delete schedule program	This can be used to delete a created schedule program.	See page 46
Control group Setting	1. [Floor usage] 1F: Reception counter Names this control group “1F.” 2F: Office Names this control group “2F.” 3F: Canteen Names this control group “3F.”	–

<table>
<tr><th>System Setup Menu Name</th><th>Functional outline</th><th>Reference</th></tr>
<tr><td>Schedule
Calendar Setting</td><td>2. [Makes weekday and special day “calendar settings” for the above zones.]
<table>
<tr><th colspan="2">Control group name / Day of week</th><th>1F</th><th>2F</th><th>3F</th></tr>
<tr><td colspan="2">SUN</td><td>Holiday</td><td>Holiday</td><td>Holiday</td></tr>
<tr><td colspan="2">MON</td><td>9:30-18:00
Duty hours</td><td>8:30-17:00
Duty hours
12:00-13:00
Lunch break
17:00-22:00
Overtime hours
22:00
Closing office</td><td>9:00-14:30
Duty hours</td></tr>
<tr><td colspan="2">TUE</td><td>ditto</td><td>ditto</td><td>ditto</td></tr>
<tr><td colspan="2">WED</td><td>9:30-17:00
Duty hours</td><td>ditto</td><td>ditto</td></tr>
<tr><td colspan="2">THU</td><td>same as Mon</td><td>ditto</td><td>ditto</td></tr>
<tr><td colspan="2">FRI</td><td>same as Mon</td><td>ditto</td><td>ditto</td></tr>
<tr><td colspan="2">SAT</td><td>Holiday</td><td>Holiday</td><td>Holiday</td></tr>
<tr><td>Holiday</td><td>Third Sat of every month</td><td>Concerned as a working day</td><td>Concerned as a working day</td><td>Concerned as a working day</td></tr>
<tr><td>Special days</td><td>1st Aug to 20th Aug
29th Dec to 4th Jan</td><td>Holiday</td><td>Holiday</td><td>Holiday</td></tr>
</table></td><td>–</td></tr>
<tr><td>Determining Schedule Events</td><td>3. [In this step you will determine schedule events for the zone “2F.”]
Note: These events are provided only for reference. Create customized schedules based on your actual requirements.
Example: event settings for Mon to Fri
<table>
<tr><th>Time</th><th>Target Zone</th><th>Start/Stop</th><th>Operation mode</th><th>Set temperature</th><th>Remote Controller Code</th></tr>
<tr><td>8:30</td><td>Zone 2F</td><td>ON</td><td>Null</td><td>Null</td><td>Override</td></tr>
<tr><td>12:00</td><td>Zone 2F</td><td>OFF</td><td>Null</td><td>Null</td><td>Null</td></tr>
<tr><td>13:00</td><td>Zone 2F</td><td>ON</td><td>Null</td><td>Null</td><td>Override</td></tr>
<tr><td>17:00</td><td>Zone 2F</td><td>Null</td><td>Null</td><td>Null</td><td>Permits only stopping</td></tr>
<tr><td>22:00</td><td>Zone 2F</td><td>OFF</td><td>Null</td><td>Null</td><td>Prohibits remote controller operations</td></tr>
</table>
Example: event settings for Sat and Sun
<table>
<tr><th>Time</th><th>Target Zone</th><th>Start/Stop</th><th>Operation mode</th><th>Set temperature</th><th>Remote Controller Code</th></tr>
<tr><td>9:00</td><td>Zone 2F</td><td>Null</td><td>Null</td><td>Null</td><td>Override</td></tr>
<tr><td>17:00</td><td>Zone 2F</td><td>OFF</td><td>Null</td><td>Null</td><td>Prohibits remote controller operations</td></tr>
</table>
Example: event settings for (third Sat of each month)
<table>
<tr><th>Time</th><th>Target Zone</th><th>Start/Stop</th><th>Operation mode</th><th>Set temperature</th><th>Remote Controller Code</th></tr>
<tr><td>8:30</td><td>Zone 2F</td><td>ON</td><td>Null</td><td>Null</td><td>Override</td></tr>
<tr><td>12:00</td><td>Zone 2F</td><td>OFF</td><td>Null</td><td>Null</td><td>Null</td></tr>
<tr><td>13:00</td><td>Zone 2F</td><td>ON</td><td>Null</td><td>Null</td><td>Override</td></tr>
<tr><td>17:00</td><td>Zone 2F</td><td>Null</td><td>Null</td><td>Null</td><td>Permits only stopping</td></tr>
<tr><td>22:00</td><td>Zone 2F</td><td>OFF</td><td>Null</td><td>Null</td><td>Prohibits remote controller operations</td></tr>
</table>
Example: event settings for (for example, summer holidays)
<table>
<tr><th>Time</th><th>Target Zone</th><th>Start/Stop</th><th>Operation mode</th><th>Set temperature</th><th>Remote Controller Code</th></tr>
<tr><td>9:00</td><td>Zone 2F</td><td>Null</td><td>Null</td><td>Null</td><td>Override</td></tr>
<tr><td>17:00</td><td>Zone 2F</td><td>OFF</td><td>Null</td><td>Null</td><td>Prohibits remote controller operations</td></tr>
</table>
∗ “Null” indicates that no change is made.</td><td>See page 48</td></tr>
</table>

System Setup Menu Name	Functional outline	Reference
Set execution schedule	Can be used to set the schedule for the next week, based on the yearly schedule or weekly schedule. The schedule is automatically renewed from the system at the time the date changes. If automatic renewal occurs while settings are being made, the system warns the user that this has occurred. The data which has been set to that point cannot be saved.	See page 53
Set base calendar	This can be used to set a common calendar for use in the system. By copying the base calendar, it is possible to simplify/share calendar settings. Patterns (weekday/holiday/special day) can be set for a period of 12 months, including the calendar start month. The start month can be set from January 2005 to December 2036. Up to 6 base calendars can be created. A name of up to 32 characters can be entered for each base calendar.	See page 57
Proportional distribution function Outline explanation	The proportional distribution calculation of the power consumption of each air conditioner is made, displayed, and output in files. This function makes it possible to measure the total power consumption of the air conditioners of facilities, such as a tenant building, with a meter and calculate the power consumption of each air conditioner on a tenant basis. • Normal Type .... The amount of power consumption can be divided proportionally. ∗ The function is available on the website if it is used together with the proportional distribution software as an optional application. The following web setting and control items of the proportional distribution function are available. <Setting items> • Exclusion Periods (Normal Type) • Special Calculation Days (Normal Type) <Control items> • Setting/Display of collection result • File output of collection result A procedure for proportional distribution control is explained below. • Exclusion Periods (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 period 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. ∗ Proportional data is collected and added up through the monitor panel software. Collect the data while the software is running. ∗ Refer to i-Manager Operation Manual for details.	See page 59

7-1 System setup

This menu item provides the following functions:

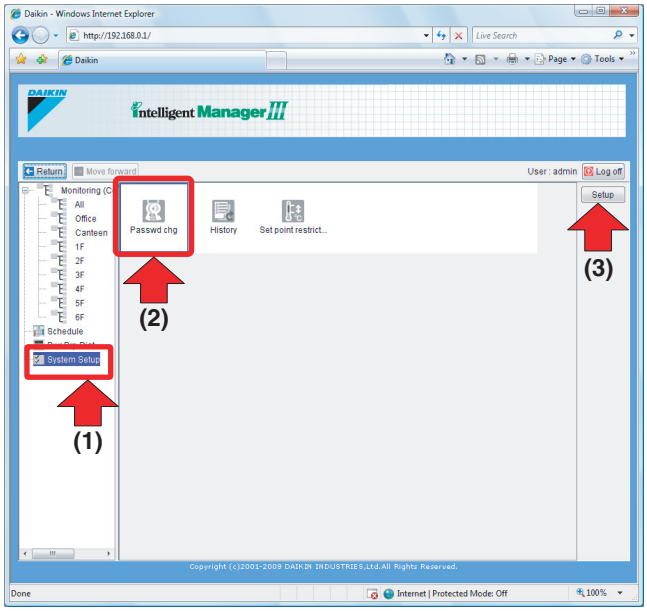
- Changing passwords
  (This page)
- History view
  (This page)
- Temperature setting restriction function
  (See page 42)

[To Change Your Own Password]

The password can be changed for the user ID that is currently logged in.

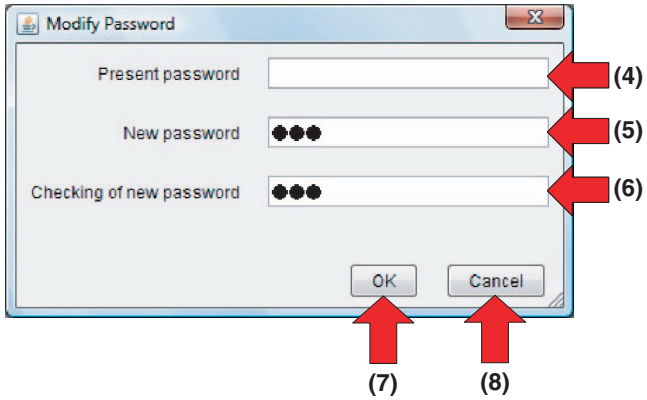
1. Select the System Setup node from the function tree area (1) to display the System setup main screen (Screen 1).

Screen 1: System setup main screen



2. Select “Password change” (2), then click “ Setup ” (3). Screen 2, the “Modify Password” screen appears.

Screen 2: Modify Password screen



3. Enter the existing password into the Present password (4) field. If you have no password, skip this field.
4. Enter a new password into the New password field (5). Then enter the password again into the Checking of new password field (6) for confirmation. These two fields accept up to 15 characters.
5. Upon completion, click “ OK ” (7).
   If the set password is correct, the “Password change completed” screen appears and the password change is completed. To cancel the password change, click “ Cancel ” (8).

⚠ CAUTION

Administrator passwords for web interface and console

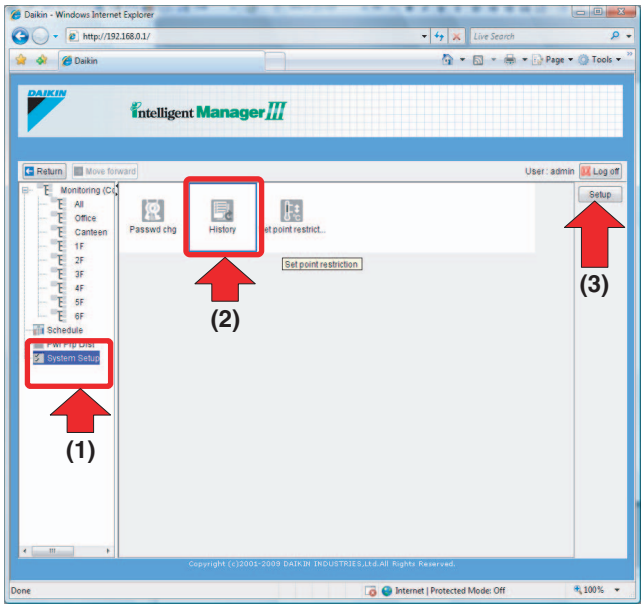
A new Administrator password set in this screen is also used for the system console menu and you will not be able to use the system console menu without entering the new password. On the other hand, setting an Administrator password on the system console not only makes the console unavailable without entering the password, but also replaces the existing Administrator password for the web interface with the password set on the console.

[Checking the history]

This can be used to view the history (maximum 5000 entries) that is maintained by the master iPU.

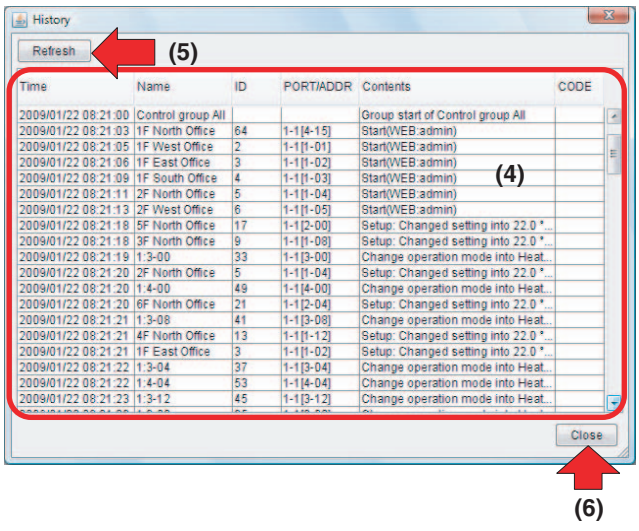
1. Select System Setup (1) from the function tree. Screen 1, the System setup main screen, appears.

Screen 1: System setup main screen



2. Select History (2), then click “ Setup ” (3). Screen 2, the History screen, appears.

Screen 2: History screen



3. The history display area (4) displays the history that was acquired from the iPU. The history display utilizes a different text color for each history category, as shown below.

History category	Text color	Example of display
Error history	Red	Emergency stop
Alarm history	Blue	Indoor
Control history	Black	Indoor
Cancel history	Green	Emergency stop
Status change history	Black	Indoor

In addition, when the monitor panel/WEB instructs a management point and the auto-control starts, the additional information (PC: user name/WEB: user name, auto-control name) is displayed in Contents.
* When the instruction is issued from the remote-controller or other centralized equipment, the additional information is not displayed.

4. To acquire the most recent history, click " Refresh " (5). This acquires the most recent history from the iPU.

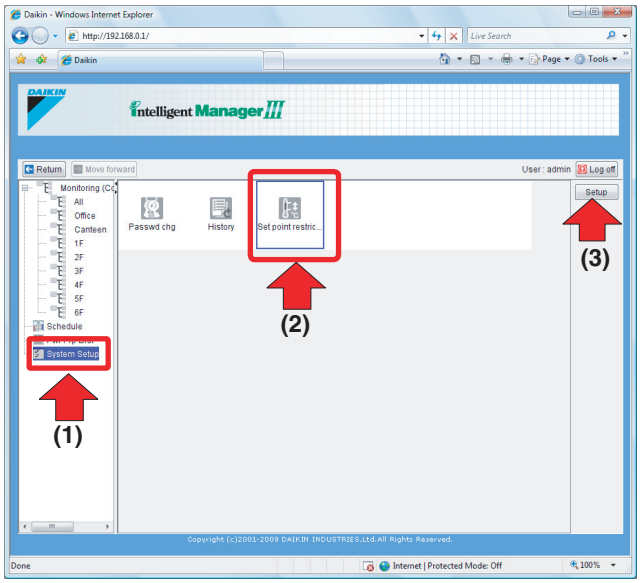
5. After you have finished checking the history, click " Close " (6). The history viewing Screen 2 closes and Screen 1, the System setup main screen, appears.

[Temperature setting restriction function]

This can be used to set restrictions on the temperature settings for A/C unit heating/cooling, and to set a range for temperature settings.

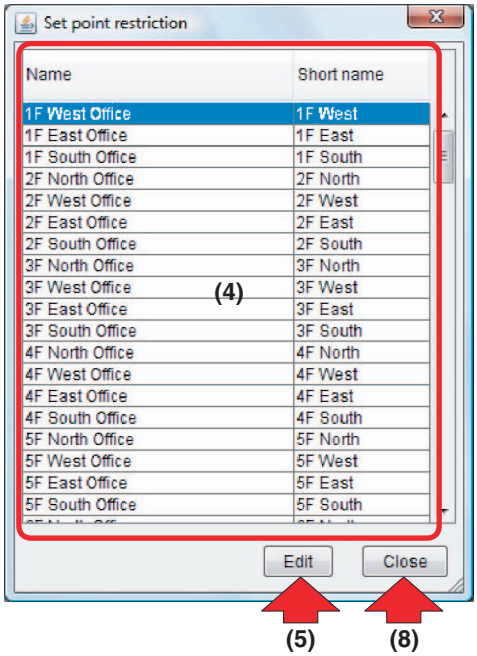
1. Select System Setup (1) from the function tree. Screen 1, the System setup main screen, appears.

Screen 1: System setup main screen



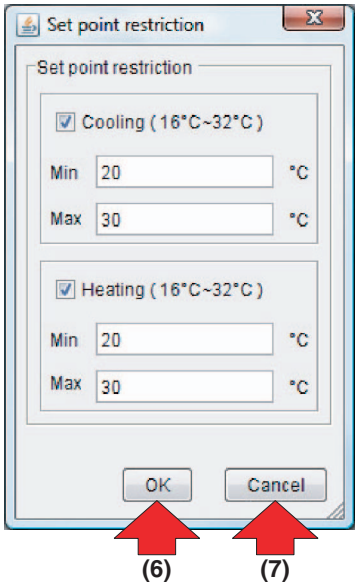
2. Select Set point restriction (2), then click " Setup " (3). Screen 2, the Set point restriction screen appears.

Screen 2: Set point restriction screen



3. Select the A/C unit where you want to restrict temperature settings from the A/C unit list (4), then click " Edit " (5). Screen 3, the Set temperature setting restriction screen, appears.

Screen 3: Set temperature setting restriction screen



4. To restrict temperature settings for cooling, place a checkmark in the "Cooling" checkbox. To restrict temperature settings for heating, place a checkmark in the "Heating" checkbox. The Min/Max edit boxes for cooling/heating appear.
To cancel a temperature setting restriction, remove the check from the operating mode which you want to cancel the restriction for.

5. The temperature setting upper/lower limits for heating and cooling are displayed. Set the Min/Max within the range of the temperature setting upper/lower limits.

6. When the settings are completed, click " OK " (6). To cancel the settings, click " Cancel " (7).
Screen 2, the Set point restriction screen, appears.

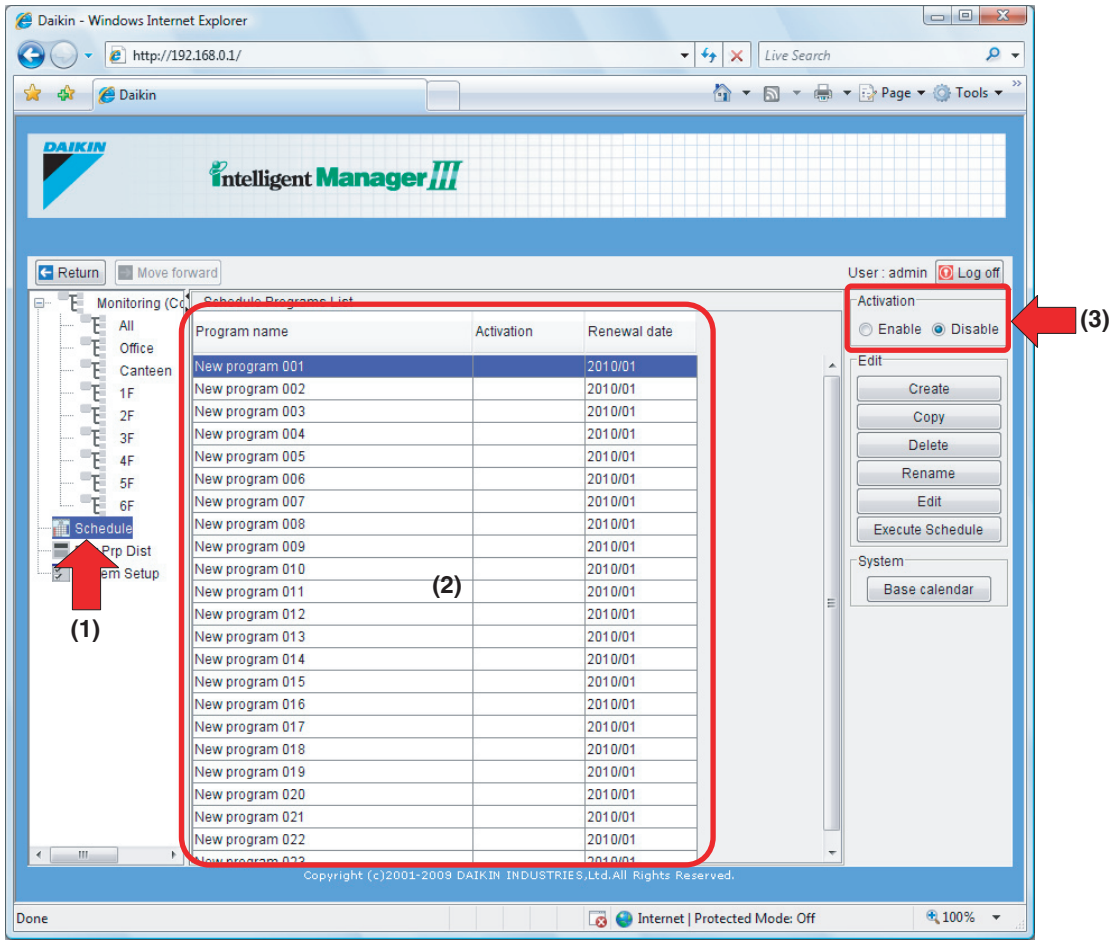
7. To set restrictions for another A/C unit, repeat steps 3 – 6 above.
To exit the settings, click " Close " (8).

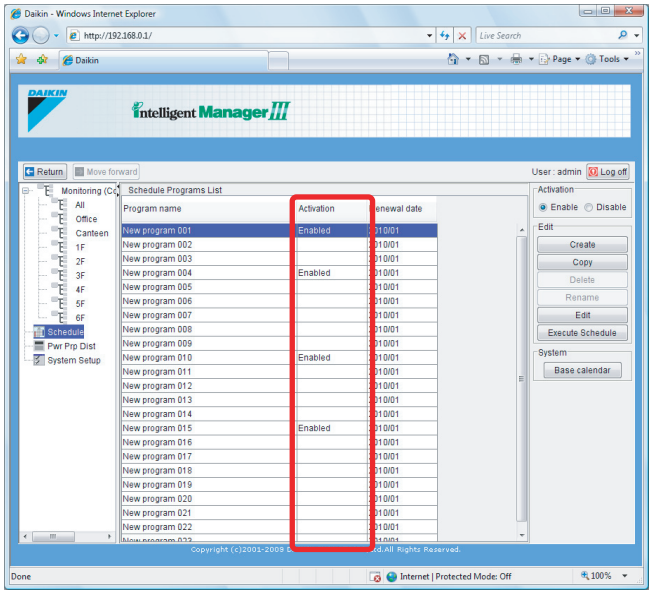
8. SCHEDULE MENU CONFIGURATION

8-1 Main schedule screen

This section describes the components of the main scheduling screen.

When selecting the “Schedule” node (1) from the function tree area, you will see the following screen (the “main scheduling screen”).





← If the schedule program is enabled, “Enabled” is displayed in the “Activation” list. If the program is disabled, nothing is displayed.

■ **Display Area**

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

(2) Schedule program list
This displays a list of the schedule programs.
Program name:
This displays the schedule program name.
Activation:
This indicates whether the schedule program control is enabled or disabled (blank).
Renewal data:
This displays the renewal month.
If there is no renewal month, this display is blank.

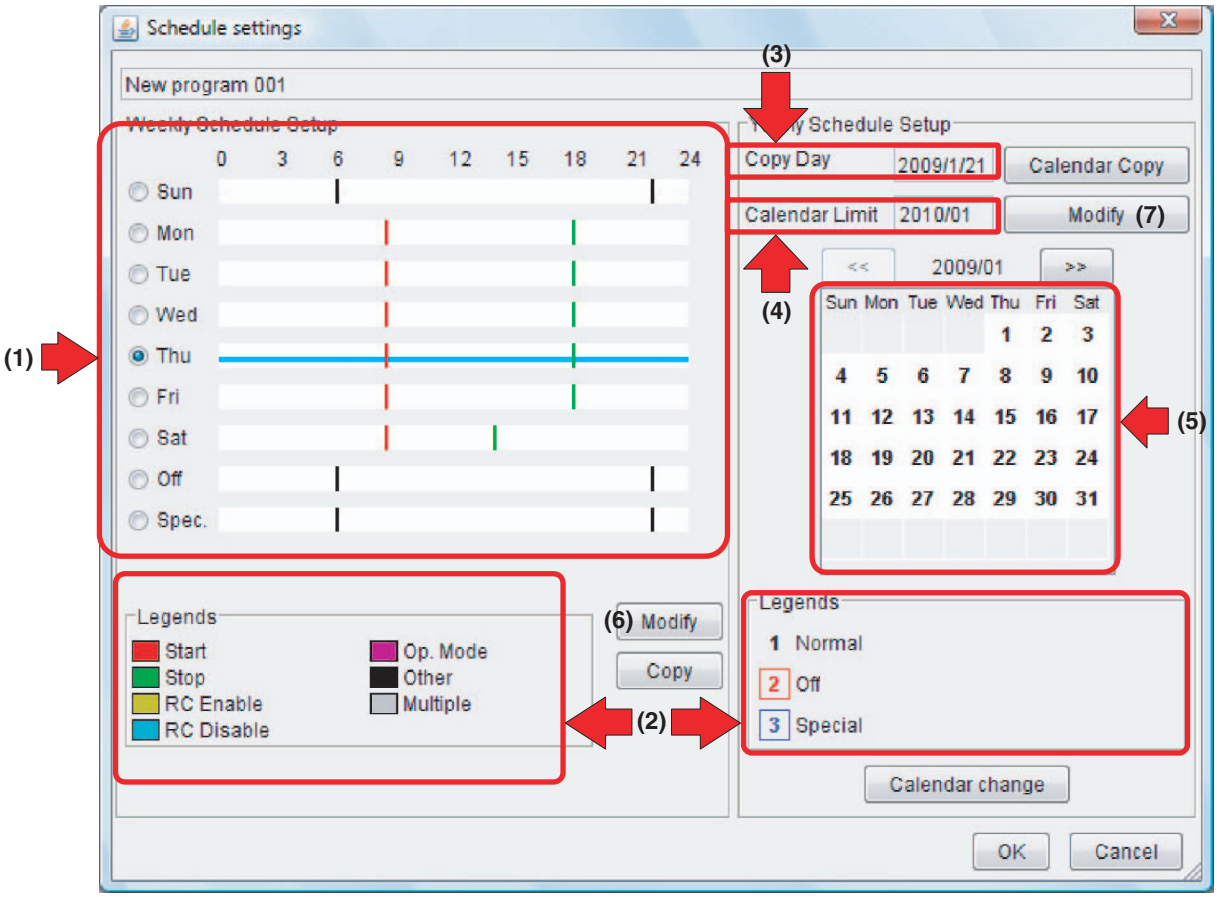
(3) Enable/Disable radio buttons
Displays the status of the program selected in the list. You can enable or disable it using these buttons.

■ **Buttons**

Create	This can be used to create a new schedule program.
Copy	This can be used to copy the selected schedule program.
Delete	This can be used to delete the selected schedule program.
Rename	This can be used to change the name of the selected schedule program.
Edit	This can be used to set a yearly schedule or weekly schedule.
Execute Schedule	This can be used to set a daily schedule for the next week, based on the yearly schedule or weekly schedule.
Base calendar	By setting a common calendar for the system and copying the base calendar, it is possible to simplify/ share calendar settings.

8-2 Schedule Menu Configuration

Schedule Setup screen



■ **Display Area**

(1) Weekly schedule radio buttons and schedule display
The schedule display shows an overview of the schedule for each weekday, and for holidays, and special days. The weekly schedule radio buttons are used to select the schedule to edit. (=> Page 48)

(2) Legends area
This displays the legend for the schedule display and settings calendar.

(3) Base calendar display
If a base calendar was copied, this displays the final date when the calendar was copied. If a base calendar was not copied, this displays the date when the schedule was created.

(4) Renewal month
This displays the current renewal month.

(5) Settings calendar
This displays the schedule program calendar settings.

■ **Buttons**

Modify	This sets a schedule action. (=> Page 48)
Copy	This copies the weekday, holiday, or special day schedule that was selected with the weekly schedule radio button to another weekday, holiday, or special day. (=> Page 46)
Calendar Copy	Displays the Base Calendar screen. (=> Page 51)
Modify	Displays the Expiration Setup screen. (=> Page 52)
>>	This moves the calendar forward by 1 month.
<<	This moves the calendar back by 1 month.
Calendar change	Displays the Calendar Change screen. (=> Page 52)

8-3 Using the schedule menu

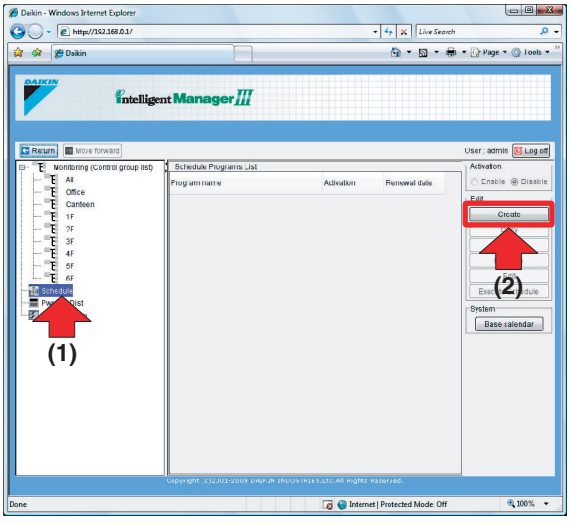
■ **To edit a schedule program**

Create a new schedule program.

[Procedure]

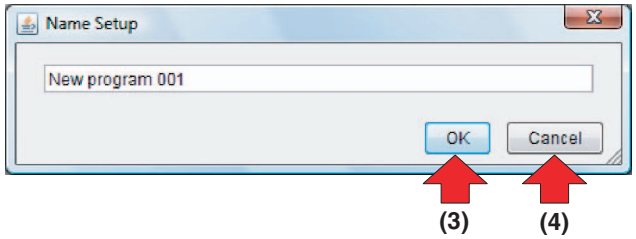
1. Select the Schedule node (1) from the function tree area.
Display the Main scheduling screen (Screen 1).

Screen 1: Main scheduling screen



2. Click “ Create ” (2).
Display the Name Setup screen (Screen 2).

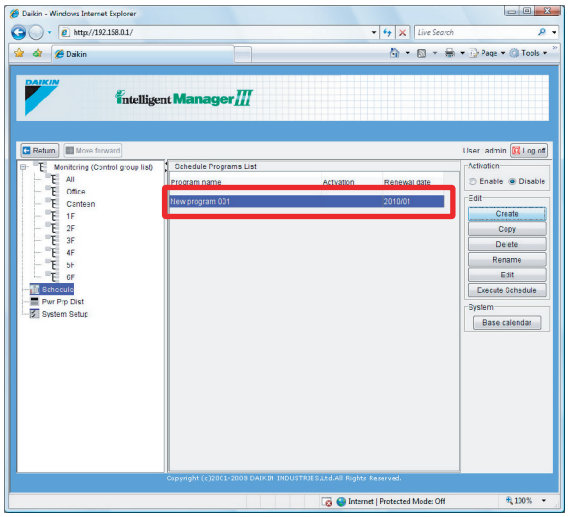
Screen 2: Name Setup screen



3. Enter the schedule program name. 0 – 32 characters can be entered.
The default name is [New program xxx] (xxx is a unique serial number).

4. After you have finished entering the name, click “ OK ” (3). To cancel, click “ Cancel ” (4).
Display the Main scheduling screen (Screen 3).

Screen 3: Main scheduling screen



5. A new schedule program is created in the schedule program list.
If “Cancel” is selected, no schedule program is created.

The schedule program default settings are shown below.

Name: Name which was set on Screen 2, the “Name Setup” screen.
Renewal month: 12 months after the date of registration
Weekly/execution schedule: None set
Calendar: None

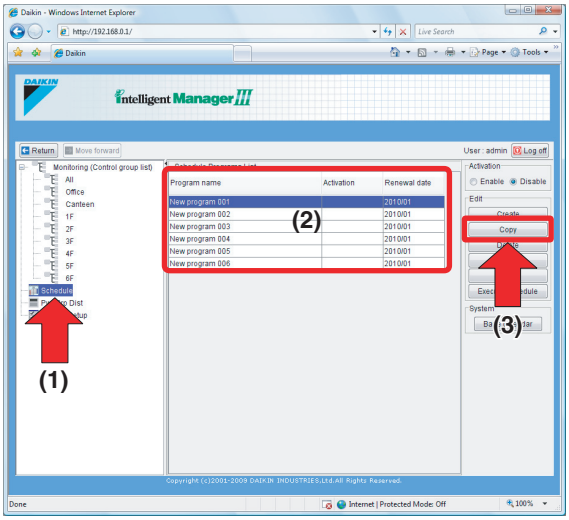
■ Copying a schedule program

Copy the schedule program which was selected from the schedule program list.

[Procedure]

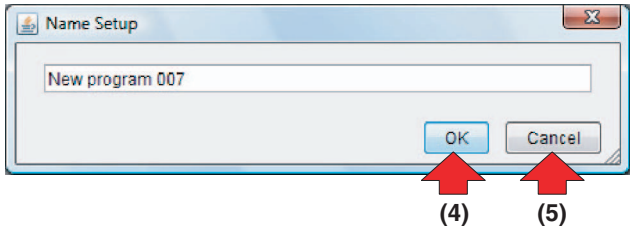
1. Select the Schedule node (1) from the function tree area.
   Display the Main scheduling screen (Screen 1).

Screen 1: Main scheduling screen



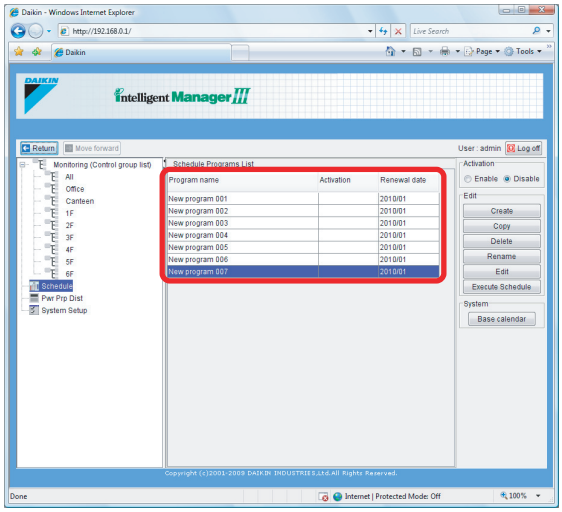
2. Select the schedule program to copy from the schedule program list (2), then click " Copy " (3).
   Display the Name Setup screen (Screen 2).
   If no schedule program has been selected from the schedule program list, " Copy " (3) is grayed out.

Screen 2: Name Setup screen



3. Enter the schedule program name. 0 – 32 characters can be entered.
   The default name is [New program xxx] (xxx is a unique serial number).
4. After you have finished entering the name, click " OK " (4). To cancel, click " Cancel " (5).
   Display the Main scheduling screen (Screen 3).

Screen 3: Main scheduling screen



5. The schedule program which was selected from the schedule program list is copied.
   If "Cancel" is selected, no schedule program is created.

   The schedule program default settings are shown below.

   Name: Name which was set on Screen 2, the "Name Setup" screen.

   Other settings: Settings for the schedule program which was selected from the schedule program list

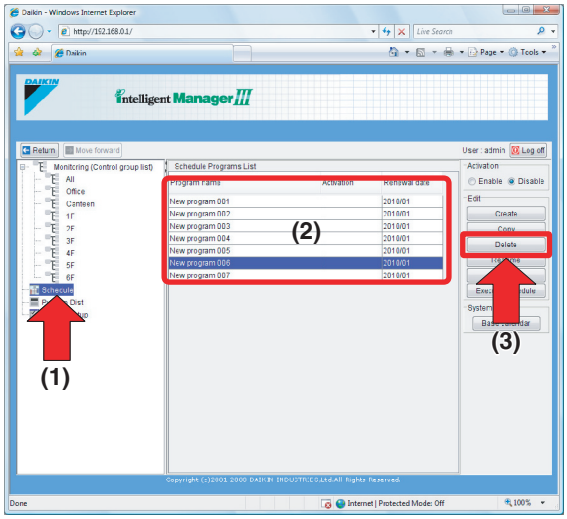
■ Deleting a schedule program

Delete the schedule program which was selected from the schedule program list.

[Procedure]

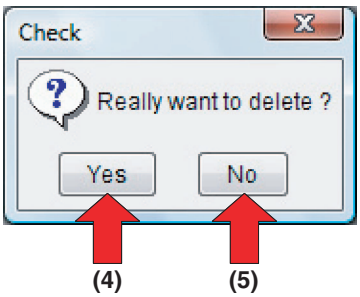
1. Select the Schedule node (1) from the function tree area.
   Display the Main scheduling screen (Screen 1).

Screen1: Main scheduling screen



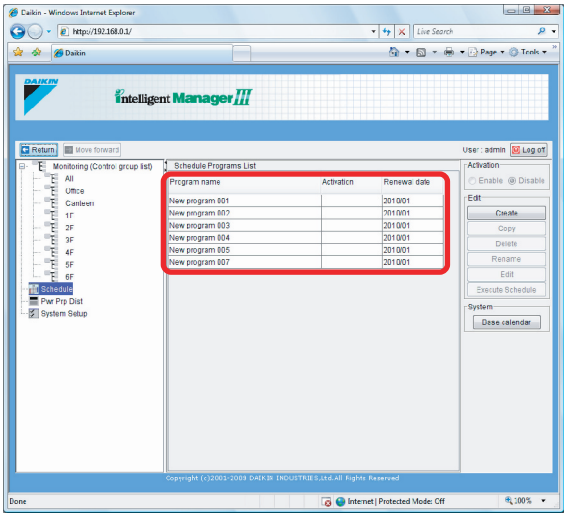
2. Select the schedule program to delete from the schedule program list (2), then click " Delete " (3).
   Display the check screen (Screen 2).
   If no schedule program has been selected from the schedule program list, " Delete " (3) is grayed out.

Screen 2: Check screen



3. To delete the selected schedule program, click " Yes " (4).
To cancel, click " No " (5).
Display the Main scheduling screen (Screen 3).

Screen 3: Main scheduling screen



4. The selected schedule program is deleted.
If "Cancel" is selected, the schedule program is not deleted.

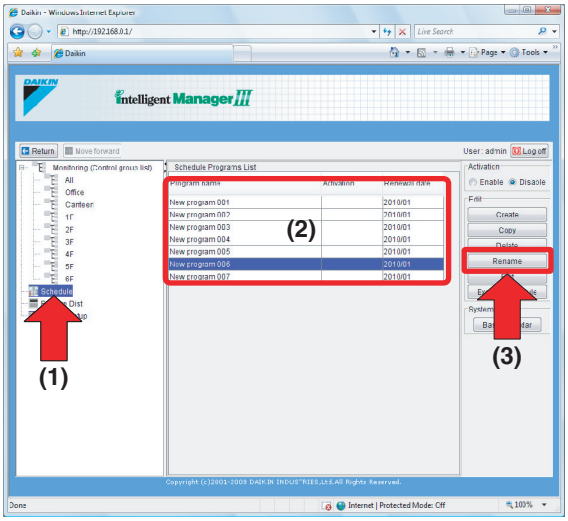
■ Changing a schedule program name

Change the name of the schedule program which was selected from the schedule program list.

[Procedure]

1. Select the Schedule node (1) from the function tree area.
Display the Main scheduling screen (Screen 1).

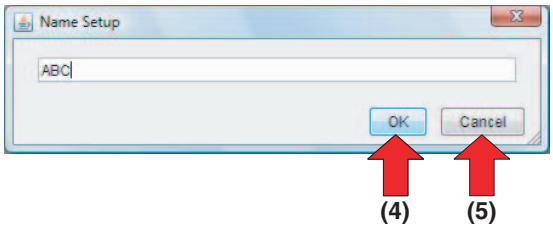
Screen 1: Main scheduling screen



2. Select the schedule program to change from the schedule program list (2), then click " Rename " (3).
Display the Name Setup screen (Screen 2).

If no schedule program has been selected from the schedule program list, " Rename " (3) is grayed out.

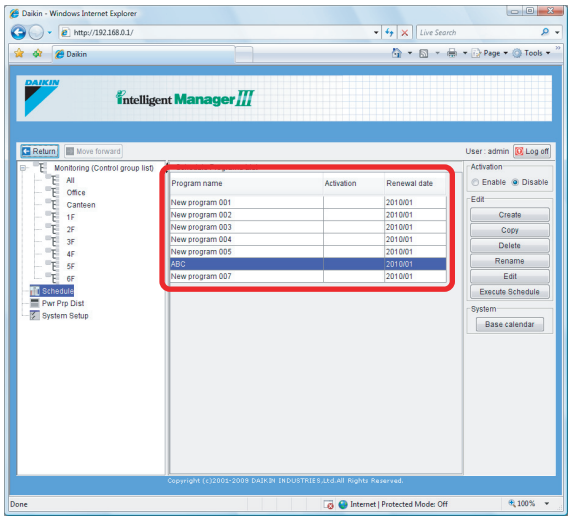
Screen 2: Name Setup screen



3. Enter the new name. 0 – 32 characters can be entered.

4. After you have finished entering the name, click " OK " (4). To cancel, click " Cancel " (5).
Display the Main scheduling screen (Screen 3).

Screen 3: Main scheduling screen



5. The name of the schedule program which was selected from the schedule program list is changed.
If "Cancel" was selected, the schedule program name is not changed.

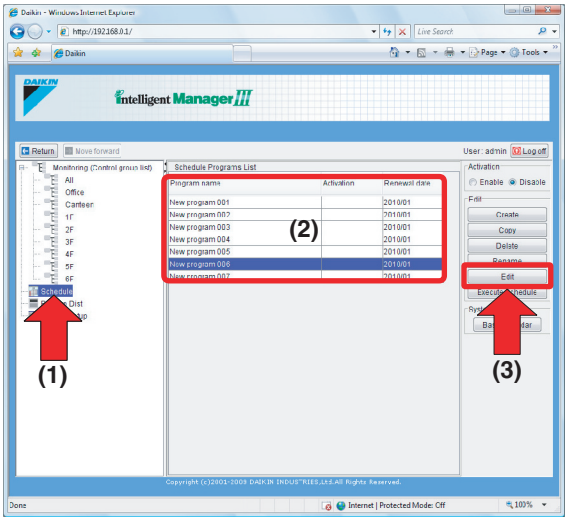
■ Setting schedules

Set the weekly schedule and calendar.

[Procedure]

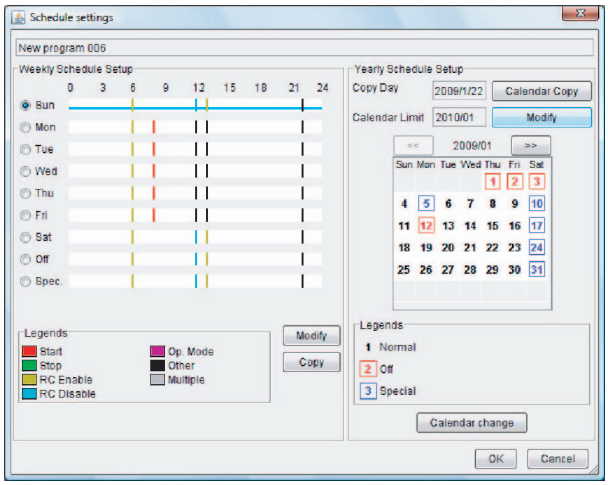
1. Select the Schedule node (1) from the function tree area. Display the Main scheduling screen (Screen 1).

Screen 1: Main scheduling screen



2. From the schedule program list (2), select the schedule program which you want to set a schedule for, then click " Edit " (3).
   Display the Schedule Setting screen (Screen 2).
   If no schedule program has been selected from the schedule program list, " Edit " (3) is grayed out.

Screen 2: Scedule Setting screen



3. On Screen 2, the "Schedule Setting" screen, set or change the weekly schedule or calendar.

   For the setting procedures, refer to the following pages.

- Setting a weekly schedule (=> This page)
- Setting the calendar (=> Page 57)

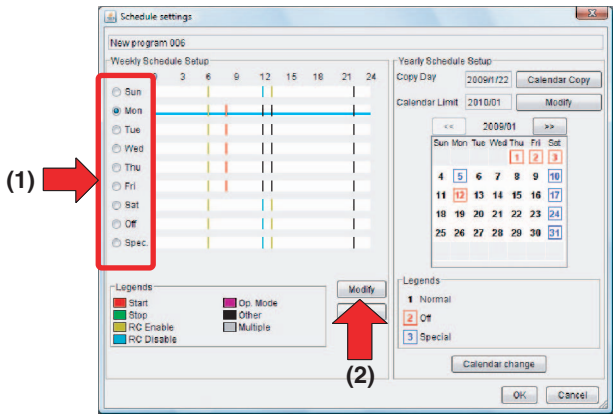
■ Setting weekly schedules and special day schedules

Set the weekly schedule for one week, from Sunday to Saturday, and make settings for holidays and special days.
The maximum number of schedule actions which can be set for 1 day is 20.
If the same A/C unit is controlled at the same time by multiple schedule programs, the program with the higher schedule number takes priority.

[Procedure]

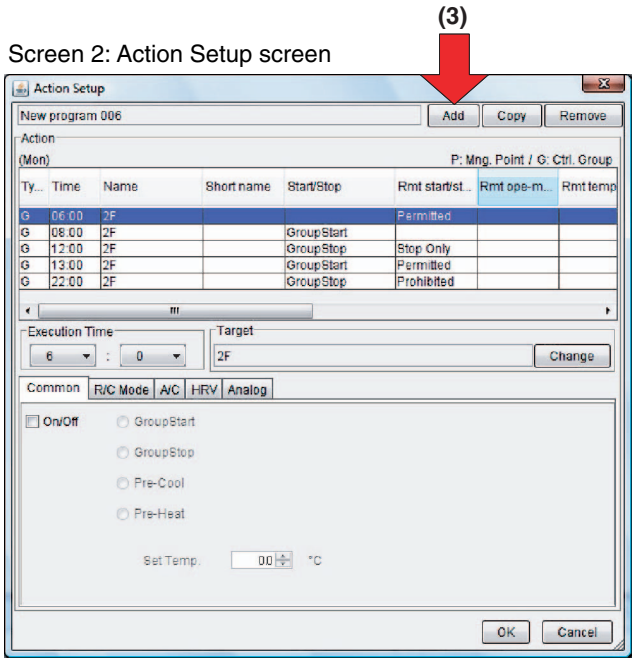
1. On Screen 1, the Schedule Setting screen, use the weekly schedule radio buttons (1) to select the weekday, holiday, or special day to set the schedule for.

Screen 1: Schedule Setting screen



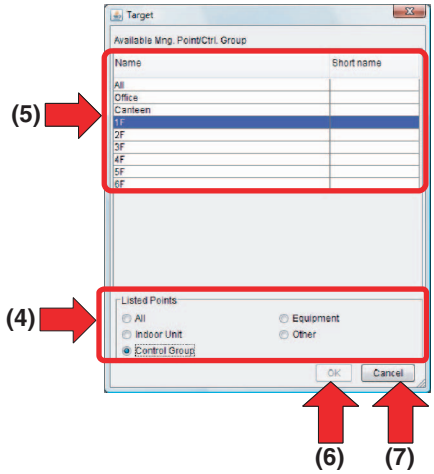
2. Click " Modify " (2).
   Display the Action Setup screen (Screen 2).

Screen 2: Action Setup screen



3. To create a new schedule action, click " Add " (3).
   Display the Target screen (Screen 3).

Screen 3: Target screen

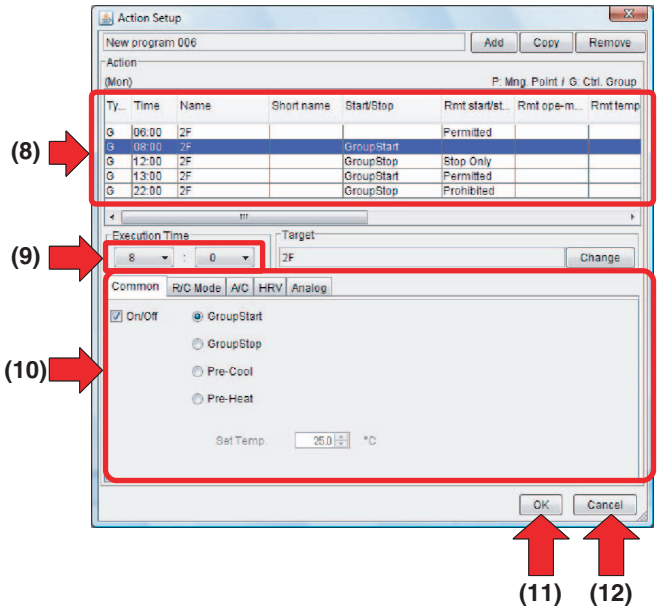


4. Under "Listed Points" (4), select the control target which you want to set the schedule action for. Then select the management point or control group in the "Available Mng Point/Ctrl Group" list (5).

5. When the selection is completed, click " OK " (6).

   To cancel, click " Cancel " (7).
   Display the Action Setup screen (Screen 4).

Screen 4: Action Setup screen



6. If a new schedule action was created, the selected management point or control group is added to the top of the "Action" list (8).
   From the "Action" list, select the management point or control group to set a schedule action for.

7. Set the start time for the schedule action in the "Execution Time" combination box (9).
   The setting range for the start time is 00:00 – 23:59.
   Set the schedule action (10). The different tabs display the different categories of actions shown below.

"Common" tab	Common action settings
ON/OFF	Start/stop settings
Pre-cool / Pre-Heat	Start the air conditioner before the set time in order that the room temperature reach the preset temperature by the scheduled time. It doesn't work from 0:00 to 02:59.
	For a management point, this action is "Start/Stop." For a control group, this action is "Group Start/Group Stop."
"R/C Mode" tab	Remote controller permit/prohibit setting
Start/Stop	Start/stop permit/prohibit setting
Operation Mode	Operating mode permit/prohibit setting
Set Temp	
"A/C" tab	Indoor unit settings
Operation Mode	Operating mode setting
Set Temp	Temperature setting
Timer Extension	Timer extension setting
"HRV" tab	HRV settings
Ventilation mode	Ventilation mode setting
Ventilation amount	Ventilation amount setting
"Analog" tab	Analog value setting
Analog	Analog value setting
Analog Type	Analog type setting
Unit	Unit setting for increasing/decreasing the analog value

8. To add a schedule action, carry out the above steps 3-7.

9. When the setting is completed, click " OK " (11).

   To cancel, click " Cancel " (12).
   Display the Schedule Setting screen (Screen 1).

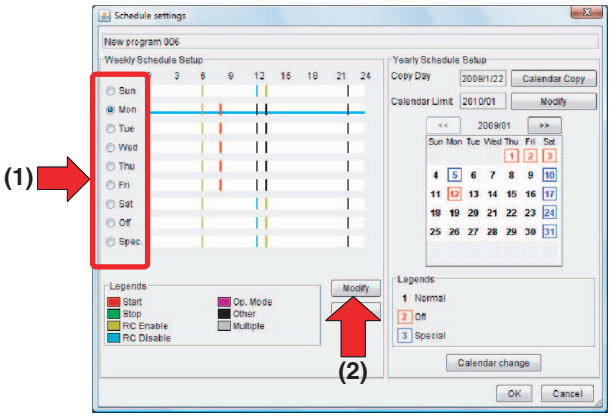
■ Changing a weekly schedule or special day schedule

Change a weekly schedule that was previously set.

[Change procedure]

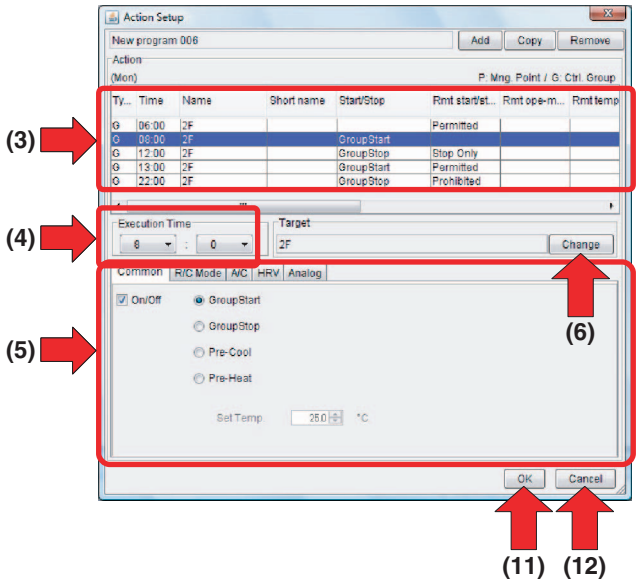
1. On Screen 1, the "Schedule Setting" screen, use the weekly schedule radio buttons (1) to select the day that you want to change the schedule for.

Screen 1: Schedule Setting screen



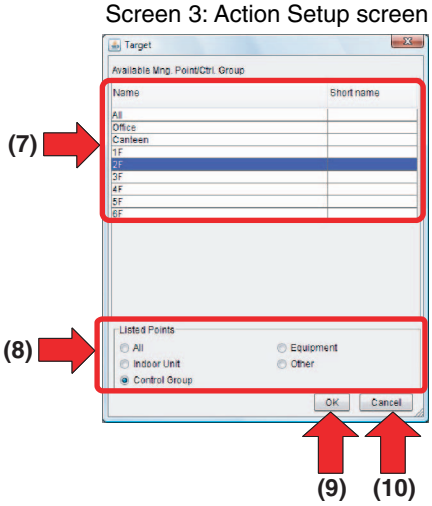
2. Click " Modify " (2).
Display the Action Setup screen (Screen 2).

Screen 2: Action Setup screen



3. Select the schedule action to change from the "Action" list (3).
To change the start time, change the schedule action start time in the "Execution Time" combination box (4).
The setting range for the start time is 00:00 – 23:59.
To change the schedule action itself, change the schedule action in the action setting field (5).
To change the management point or control group, click " Change " (6).
Display the Action Setup screen (Screen 3).

Screen 3: Action Setup screen



4. Under "Listed Points" (8), select the control target to change, then select the management point or control group from the "Available Mng Point/Ctrl Group" list (7).

5. When the selection is completed, click " OK " (9).
To cancel, click " Cancel " (10).
Display the Action Setup screen (Screen 2).

6. When the desired schedule action has been changed, click " OK " (11).
To cancel, click " Cancel " (12).
The screen returns to Screen 1, the "Schedule Setting" screen.

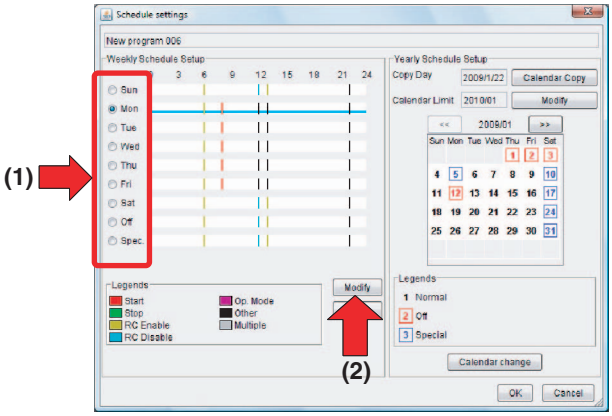
■ Copying or deleting a schedule action

Copy or delete a schedule action which was previously set.

[Copying procedure]

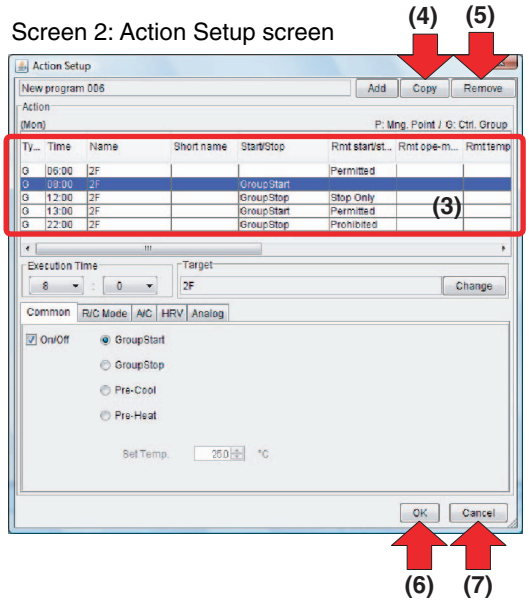
1. On Screen 1, the "Schedule Setting" screen, use the weekly schedule radio buttons (1) to select the day that you want to change the schedule for.

Screen 1: Schedule Setting screen



2. Click " Modify " (2).
Display the Action Setup screen (Screen 2).

Screen 2: Action Setup screen



3. Select the schedule action to copy from the "Action" list (3), then click " Copy " (4).
The selected schedule action is copied.

4. When copying is completed, click " OK " (6).
To cancel, click " Cancel " (7).
The screen returns to Screen 1, the "Schedule Setting" screen.

[Deleting procedure]

1. On Screen 1, the "Schedule Setting" screen, use the weekly schedule radio buttons (1) to select the day that you want to change the schedule for.

2. Click " Modify " (2).
Display the Action Setup screen (Screen 2).

3. Select the schedule action to delete from the "Action" list (3), then click " Remove " (5).
The selected schedule action is deleted.

4. When deleting is completed, click “ OK ” (6).

   To cancel, click “ Cancel ” (7).

   The screen returns to Screen 1, the “Schedule Setting” screen.

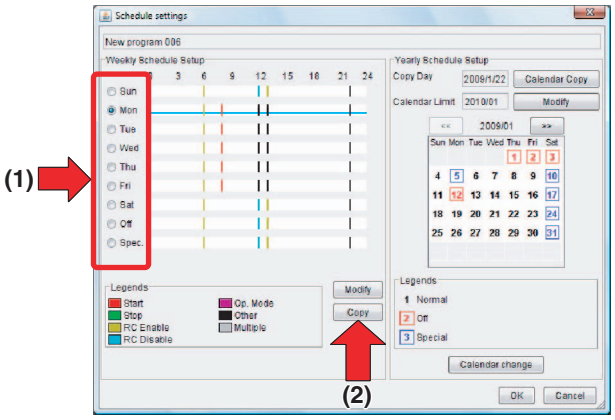
■ Copying a weekly schedule or special day schedule

Copy a weekly schedule to a different day, holiday, or special day.

[Procedure]

1. From Screen 1, the “Schedule Setting” screen, use the weekly schedule radio buttons to select the weekday, holiday, or special day schedule for copying.

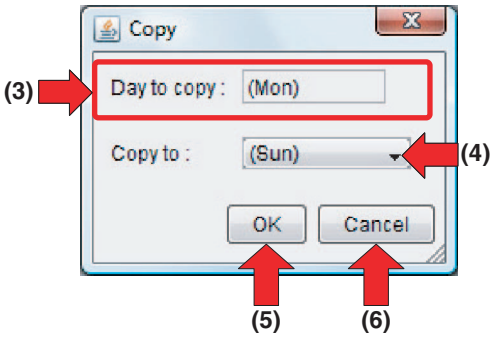
Screen 1: Schedule Setting screen



2. Click “ Copy ” (2).

   Display the Copy screen (Screen 2).

Screen 2: Copy screen



3. The weekly schedule that was selected for copying appears in the “Day to copy” field (3).
   From the “Copy to” combination box (4), select the weekly schedule for the copy destination.

   The weekly schedule that was selected for copying does not appear in the “Copy to” combination box.

4. When the selection is completed, click “ OK ” (5).

   To cancel, click “ Cancel ” (6).

   Display the Schedule Setting screen (Screen 1).

5. The weekly schedule which was selected for copying is copied to the copy destination weekly schedule.

■ Copying a calendar

Copy a base calendar to a schedule program, or else clear the schedule program.

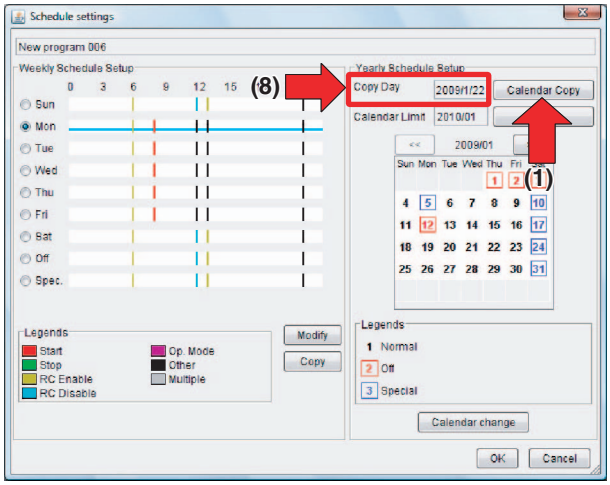
For information about how to set a base calendar, refer to page 56.

[Procedure]

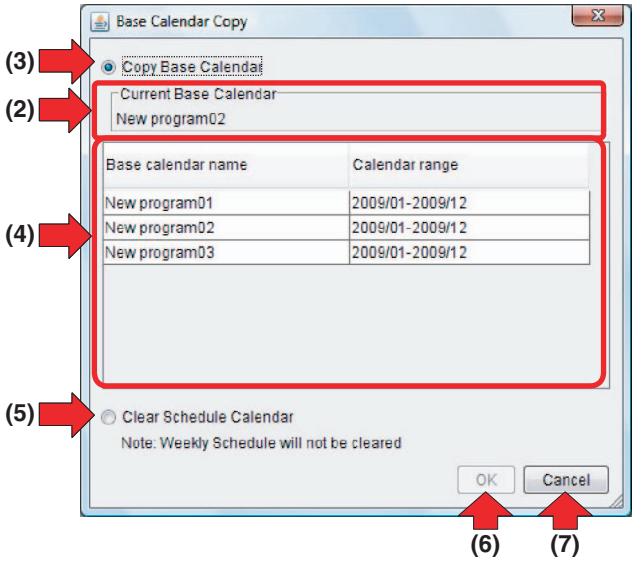
1. On Screen 1, the “Schedule Setting” screen, click “ Calendar Copy ” (1).

   Display the Base Calendar Copy screen (Screen 2).

Screen 1: Schedule Setting screen



Screen 2: Base Calendar Copy screen



2. The name of the base calendar which was last copied appears in the “Current Base Calendar” field (2). If no base calendar has been copied, then this field is blank.
   To copy a base calendar, select “Copy Base Calendar” (3), then select a base calendar from the base calendar list (4).
   To clear the base calendar, select “Clear Schedule Calendar” (5).

   If “Clear Schedule Calendar” (5) is selected, it is not possible to select a base calendar from the base calendar list.

3. When the selection is completed, click “ OK ” (6).

   To cancel, click “ Cancel ” (7).

   Display the Schedule Setting screen (Screen 1).

4. If a base calendar was copied, “Copy Day” (8) displays the final date when the calendar was copied. If the base calendar was not copied, it displays the date when the schedule was created.

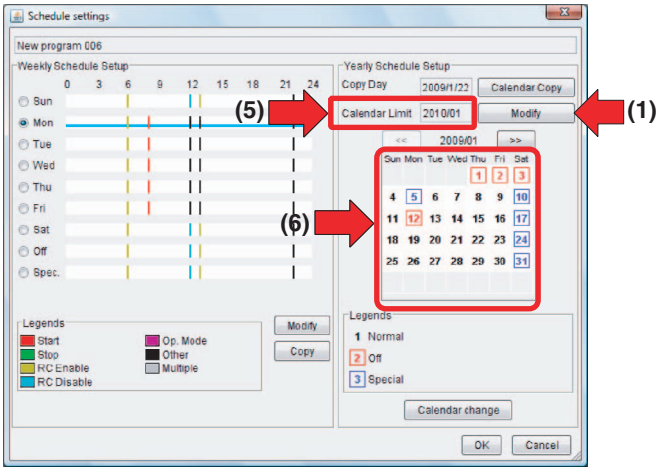
■ Setting the renewal month

Set the calendar renewal month.
The renewal month is the month in which the user is reminded to renew the calendar settings.
When the renewal month is reached, the calendar expiration warning appears.
When a new calendar is created, the last month of the created calendar becomes the renewal month.

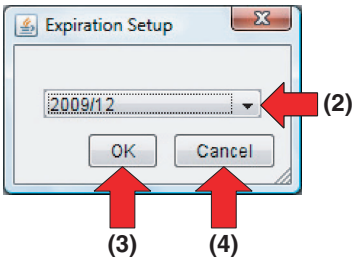
[Procedure]

1. On Screen 1, the “Schedule Setting” screen, click “ Modify ” (1).
   Display the Expiration Setup screen (Screen 2).

Screen 1: Schedule Setting screen



Screen 2: Expiration Setup screen



2. Select the renewal month from the renewal month combination box (2).
   The renewal month can be selected from the 12 months beginning from the following month. If “None” is set for the renewal month, the calendar expiration warning will not be displayed.

3. When the selection is completed, click “ OK ” (3).
   To cancel, click “ Cancel ” (4).
   Display the Schedule Setting screen (Screen 1).

4. “Calendar Limit” (5) displays the selected renewal month.

⚠ CAUTION

If the calendar expiration warning has been displayed, the calendar display (6) is surrounded by a red outline.
Click “ Modify ” (1) to set the renewal month.

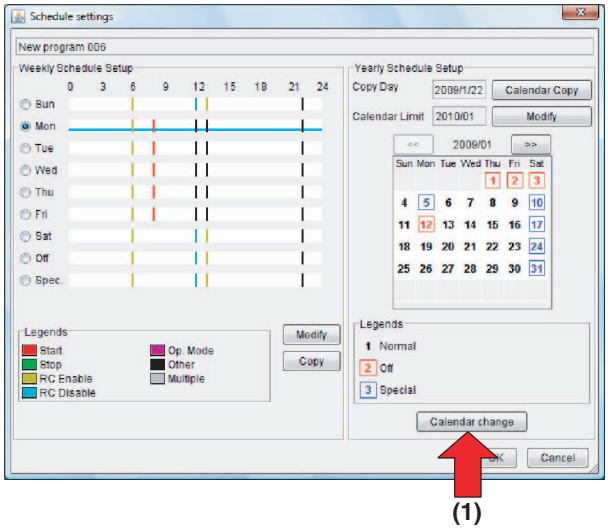
■ Editing a schedule calendar

Set normal days, holidays, and special days in the calendar.
Calendar settings can be made for a period of 13 months, including the current month.

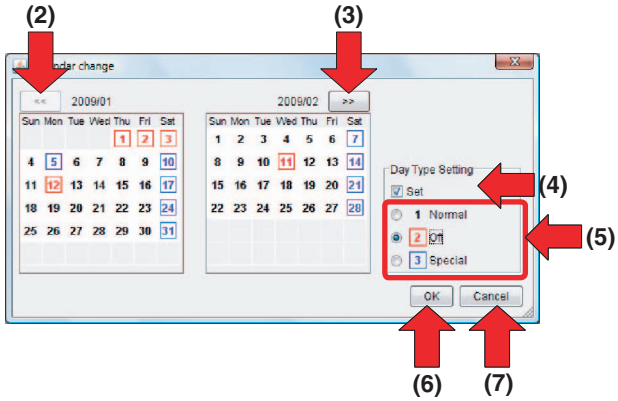
[Procedure]

1. On Screen 1, the “Schedule Setting” screen, click “ Calendar change ” (1).
   Display the Calender Change screen (Screen 2).

Screen 1: Schedule Setting screen



Screen 2: Calendar Change screen



2. Use “ << ” (2) and “ >> ” (3) to select the calendar of the month to set.
   Click “ >> ” (3) to move the calendar forward 1 month.
   Click “ >> ” (2) to move the calendar back 1 month.

   When the schedule calendar reaches the end, “ >> ” (3) is grayed out.
   When the schedule calendar reaches the start, “ << ” (2) is grayed out.

3. Place a checkmark next to “Set” (4) in the “Day Type Setting” area. Then select the “Normal,” “Off,” or “Special” radio button (5), and select the calendar date to set.

   The color of the date and presence/absence of a border indicates whether the date is a normal day, holiday, or special day.

	Date	Border
Normal day	Black	No
Holiday	Red	Yes
Special days	Blue	Yes

4. When the selection is completed, click “ OK ” (6).

   To cancel, click “ Cancel ” (7).
   Display the Schedule Setting screen (Screen 1).

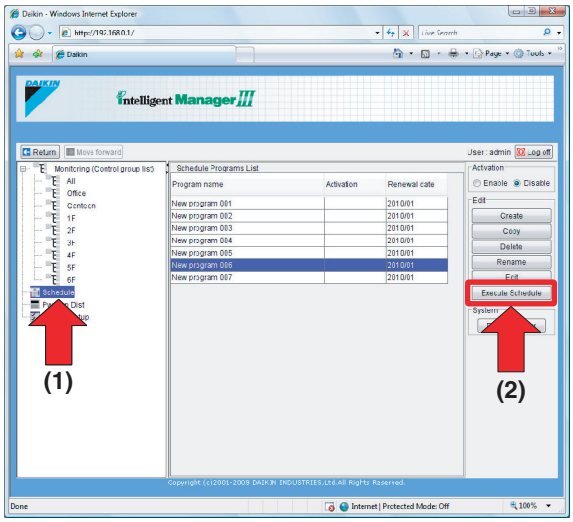
■ Setting an execution schedule

A schedule for the next week can be provisionally set based on the yearly schedule or weekly schedule.
The schedule is automatically renewed by the system when the date changes.
If automatic renewal occurs while editing is in progress, the system warns the user that this has occurred. It is then not possible to save the results of editing to that point.

[Procedure]

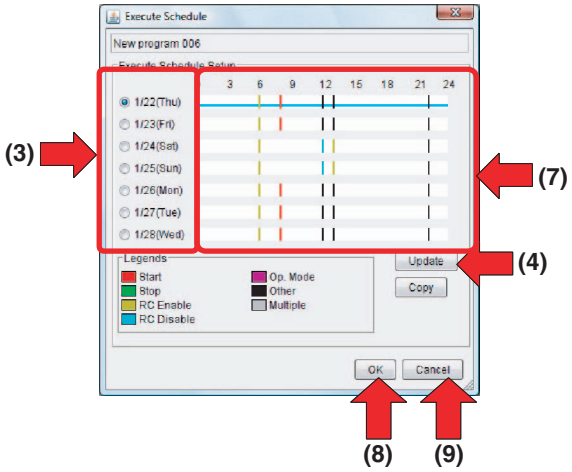
1. Select the Schedule node (1) from the function tree area.
   Display the Main scheduling screen (Screen 1).

Screen 1: Main scheduling screen



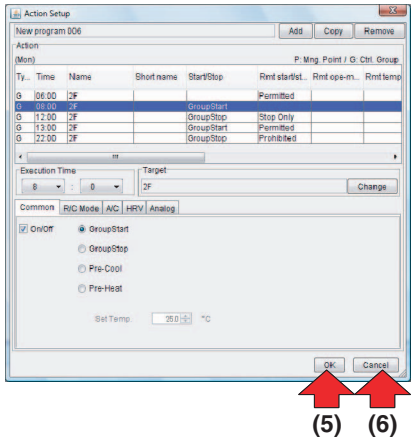
Select the schedule program to set as the execution schedule from the schedule programs list, then click “ Execute Schedule ” (2).
Display the Execute Schedule screen 2.

Screen 2: Execute Schedule screen



2. The schedule for 1 week from the current date appears. Use the execution schedule setting radio buttons (3) and select the day to set, then click “ Update ” (4).
   Display the Action Setup screen (Screen 3).

Screen 3: Action Setup screen



3. Set the schedule action. (Refer to page 47.)
   When the selection is completed, click “ OK ” (5).

   To cancel, click “ Cancel ” (6).
   Display the Excute Schedule screen (Screen 2).

4. The schedule display field (7) for the set day is updated.

   Even when an execution schedule is set, it is not applied to the yearly schedule or weekly schedule.

   To set another day, repeat step 3 above.

5. When the selection is completed, click “ OK ” (8).

   To cancel, click “ Cancel ” (9).
   Display the Main scheduling screen (Screen 1).

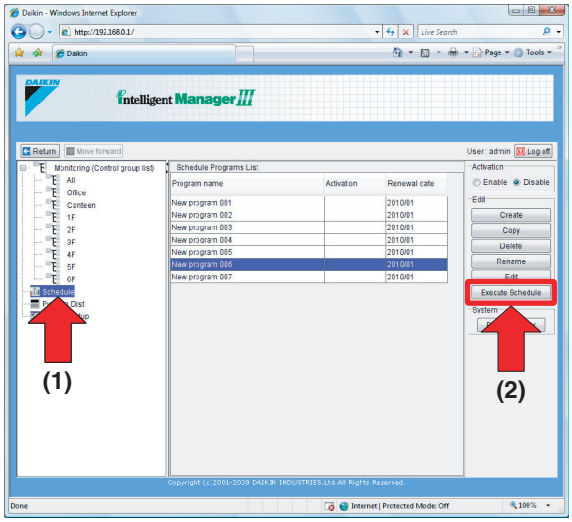
■ Copying an execution schedule

It is possible to take a schedule which was provisionally set for the next week based on the yearly schedule or weekly schedule and copy it to a different day.

[Procedure]

1. Select the Schedule node (1) from the function tree area.
   Display the Main scheduling screen (Screen 1).

Screen 1: Main scheduling screen

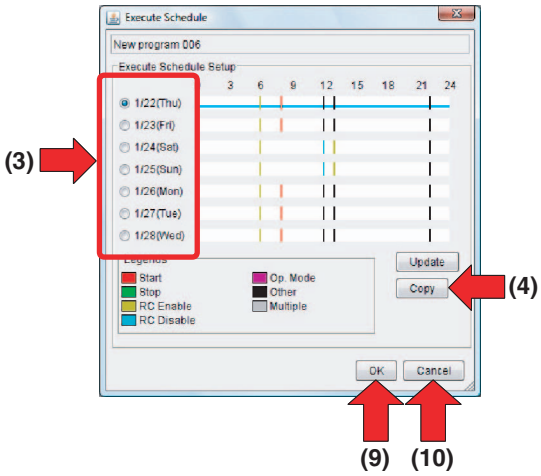


Select the schedule program to set as the execution schedule from the schedule programs list, then click

" Execute Schedule " (2).

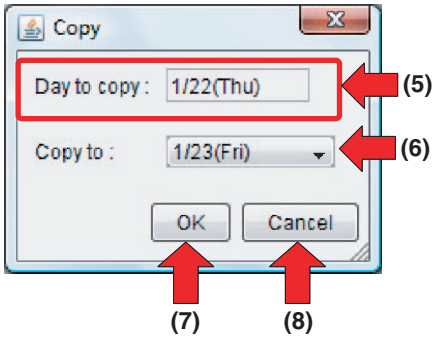
Display the Execute Schedule screen (Screen 2).

Screen 2: Execute Schedule screen



2. The schedule for 1 week from the current date is displayed.
   Use the execution schedule setting radio buttons (3) and select the day to copy, then click " Copy " (4).
   Display the Copy screen (Screen 3).

Screen 3: Copy screen



3. The weekly schedule that was selected for copying appears in the "Day to copy" field (5).
   From the "Copy to" combination box (6), select the weekly schedule for the copy destination.

   The weekly schedule that was selected for copying does not appear in the "Copy to" combination box.

4. When the selection is completed, click " OK " (7).

   To cancel, click " Cancel " (8).

   Display the Execute scheduling screen (Screen 2).

5. The weekly schedule which was selected for copying is copied to the copy destination weekly schedule.

   To copy to another day, repeat steps 3 and 4 above.

6. When the selection is completed, click " OK " (9).

   To cancel, click " Cancel " (10).

   Display the Main scheduling screen (Screen 1).

■ Creating a base calendar

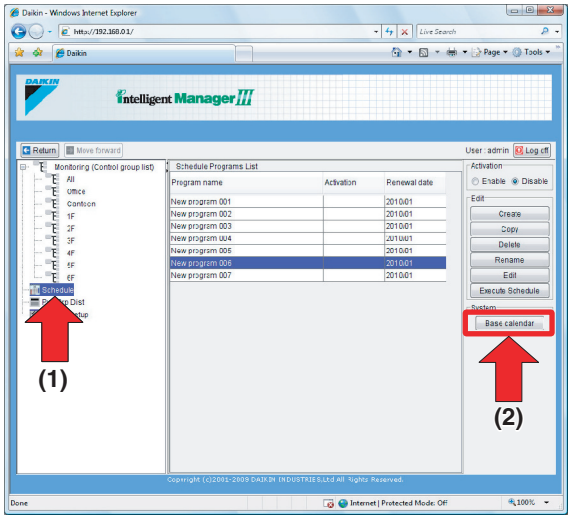
Create a base calendar.

A maximum of 6 base calendars can be created.

[Procedure]

1. Select the Schedule node (1) from the function tree area.
   Display the Main scheduling screen.

Screen 1: Main scheduling screen

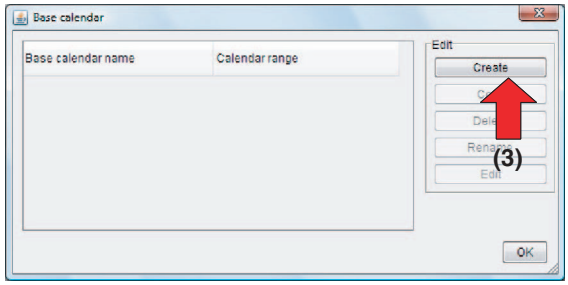


Select the schedule program to set as the execution schedule from the schedule programs list, then click

" Base calendar " (2).

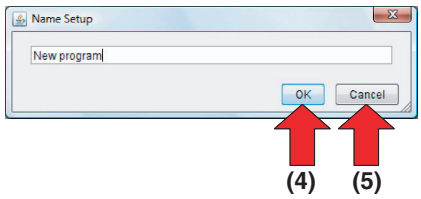
Display the Base Calendar screen (Screen 2).

Screen 2: Base Calendar screen



2. Click “ Create ” (3).
Display the Name Setup screen (Screen 3).

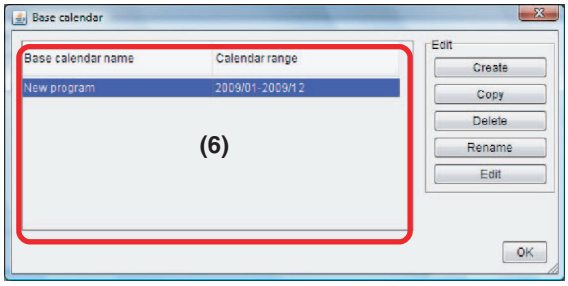
Screen 3: Name Setup screen



3. Enter the base calendar name. 0 – 32 characters can be entered.
The default name is [New program xxx] (xxx is a unique serial number).

4. After you have finished entering the name, click “ OK ” (4). To cancel, click “ Cancel ” (5).
Display the Base Calendar screen (Screen 4).

Screen 4: Base Calendar screen



5. The new base calendar is created in the base calendar list (6).
If “Cancel” is selected, the base calendar is not created.

The base calendar default settings are shown below.

Name:	Name which was set, the “Name Setup” screen.
Renewal month:	12 months after the current month
Type:	None set
Calendar:	All normal days

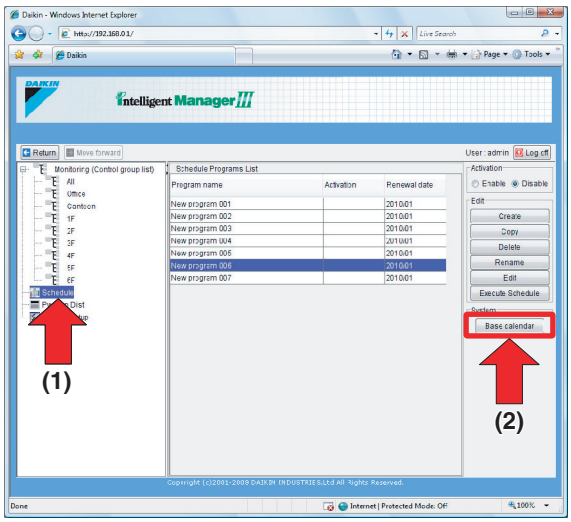
■ Copying a base calendar

Copy the base calendar that is selected from the base calendar list.

[Procedure]

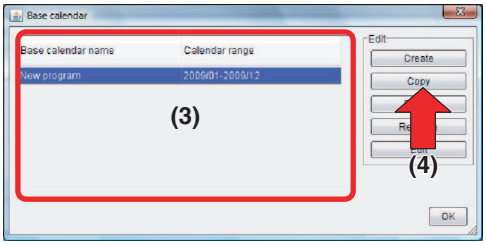
1. Select the Schedule node (1) from the function tree area.
Display the Main scheduling screen (Screen 1).

Screen 1: Main scheduling screen



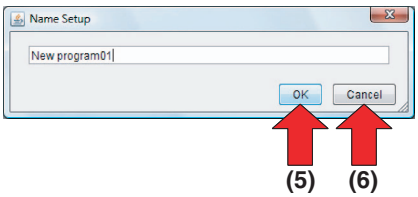
Select the schedule program to set as the execution schedule from the schedule programs list, then click “ Base calendar ” (2).
Display the Base Calendar screen (Screen 2).

Screen 2: Base Calendar screen



2. Select the base calendar to copy from the base calendar list (3), then click “ Copy ” (4).
Display the Name Setup screen (Screen 3).

Screen 3: Name Setup screen

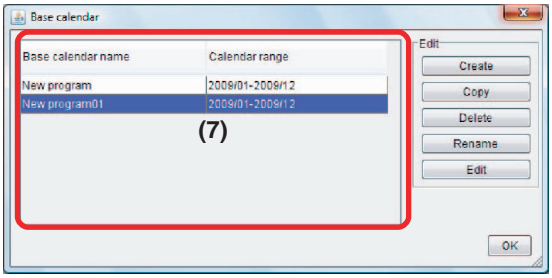


If no base calendar is selected from the base calendar list, then “ Copy ” (4) is grayed out.

3. Enter the base calendar name. 0 – 32 characters can be entered.
The default name is [New program xxx] (xxx is a unique serial number).

4. After you have finished entering the name, press “ OK ” (5). To cancel, click “ Cancel ” (6).
Display the Base Calendar screen (Screen 4).

Screen 4: Base Calendar screen



5. The base calendar that was selected from the base calendar list is copied and added to the base calendar list (6).
If “Cancel” is selected, the base calendar is not copied.

The default settings for the copied base calendar are shown below.

Name:	Name which was set, the “Name Setup” screen.
Other settings:	Base calendar list settings selected from the base calendar list

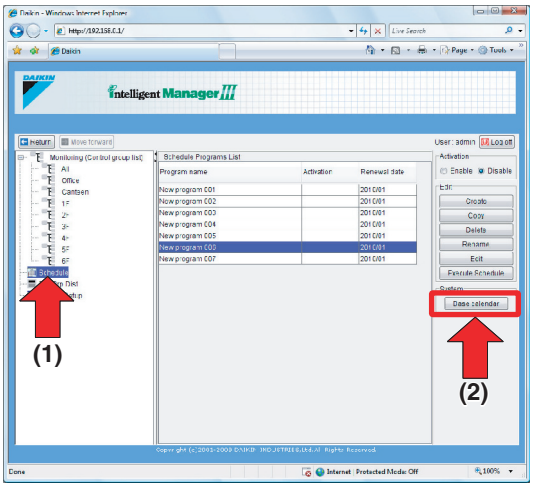
■ Deleting a base calendar

Delete the base calendar that is selected from the base calendar list.

[Procedure]

1. Select the Schedule node (1) from the function tree area.
Display the Main scheduling screen 1.

Screen 1: Main scheduling screen

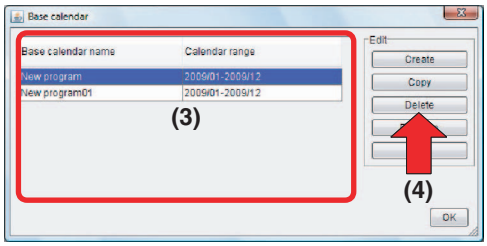


Select the schedule program to set as the execution schedule from the schedule programs list, then click

" Base calendar " (2).

Display the Base Calendar screen (Screen 2).

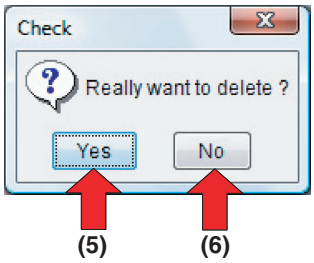
Screen 2: Base Calendar screen



2. Select the base calendar to delete from the base calendar list (3), then click " Delete " (4).

Display the Check screen (Screen 3).

Screen 3: Check screen

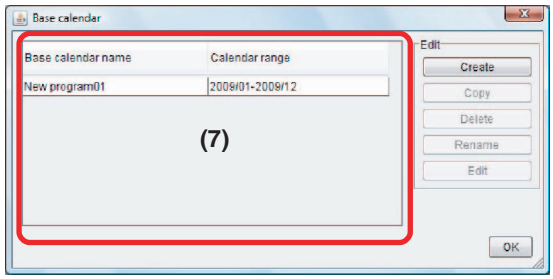


If no base calendar is selected from the base calendar list, then " Delete " (4) is grayed out.

3. To delete the selected base calendar, click " Yes " (5). To cancel, click " No " (6).

Display the Base Calendar screen (Screen 4).

Screen 4: Base Calendar screen



4. The base calendar that was selected from the base calendar list (7) is deleted.
The selected base calendar is deleted.
If "Cancel" was selected, the base calendar is not deleted.

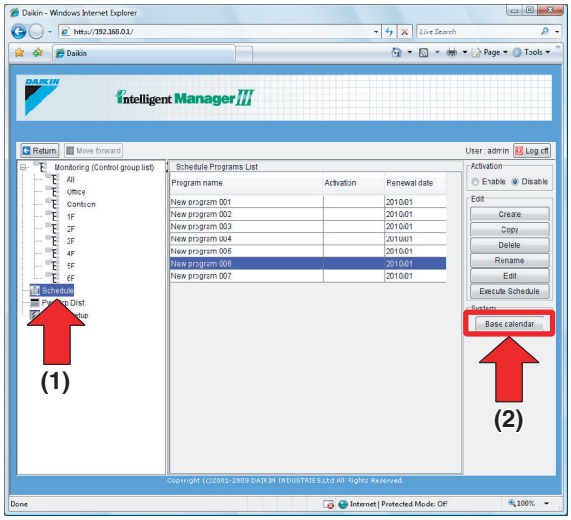
■ Changing the base calendar name

Change the name of the base calendar that is selected from the base calendar list.

[Procedure]

1. Select the Schedule node (1) from the function tree area.
Display the Main scheduling screen (Screen 1).

Screen 1: Main scheduling screen

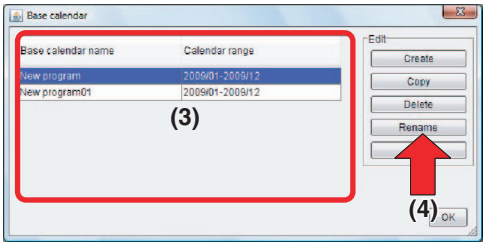


Select the schedule program to set as the execution schedule from the schedule programs list, then click

" Base calendar " (2).

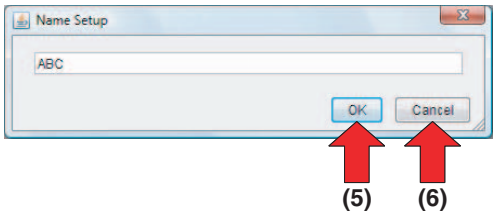
Display the Base Calendar screen (Screen 2).

Screen 2: Base Calendar screen



2. From the base calendar list (3), select the base calendar to change the name of, then click " Rename " (4).
Display the Name Setup screen (Screen 3).

Screen 3: Name Setup screen

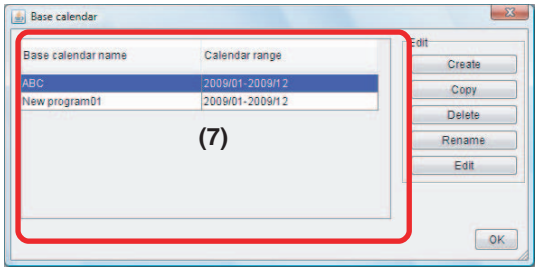


If no base calendar is selected from the base calendar list, then " Rename " (4) is grayed out.

3. Enter the base calendar name. 0 – 32 characters can be entered.

4. After you have finished entering the name, click " OK " (5). To cancel, click " Cancel " (6).
Display the Base Calendar screen (Screen 4).

Screen 4: Base Calendar screen



5. The name of the base calendar that is selected from the base calendar list (7) is changed.
If "Cancel" was selected, the base calendar name is not changed.

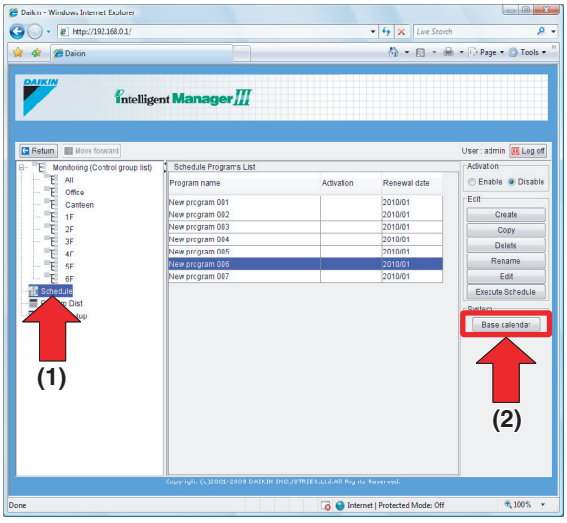
■ Setting a base calendar

By setting a common calendar for the system and copying the base calendar, it is possible to simplify/share calendar settings. Calendar patterns (normal days, holidays, special days) can be set for a period of 12 months, including the starting month.

[Procedure]

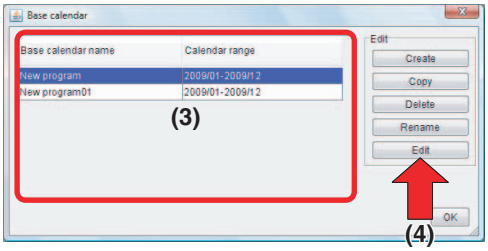
1. Select the Schedule node (1) from the function tree area.
Display the Main scheduling screen (Screen 1).

Screen 1: Main scheduling screen



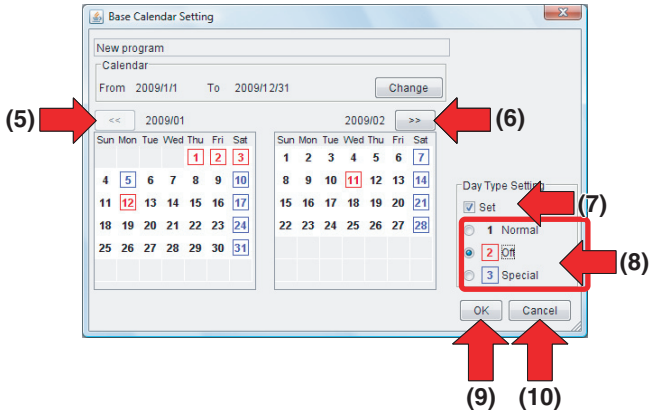
Select the schedule program to set as the execution schedule from the schedule programs list, then click " Base calendar " (2).
Display the Base Calendar screen (Screen 2).

Screen 2: Base Calendar screen



2. Select the base calendar to set from the base calendar list (3), then " Edit " (4).
Display the Base Calendar Setting screen (Screen 3).

Screen 3: Base Calendar Setting screen



3. Use " << " (5) and " >> " (6) to select the calendar of the month to set.
Click " >> " (6) to move the calendar forward 1 month.
Click " << " (5) to move the calendar back 1 month.

4. Place a checkmark next to "Set" (7) in the "Day Type Setting" area. Then select the "Normal," "Off," or "Special" radio button (8), and select the calendar date to set.

The color of the date and presence/absence of a border indicates whether the date is a normal day, holiday, or special day.

	Date	Border
Normal day	Black	No
Holiday	Red	Yes
Special days	Blue	Yes

5. When the selection is completed, click " OK " (9).
To cancel, click " Cancel " (10).
Display the Base Calendar screen (Screen 2).

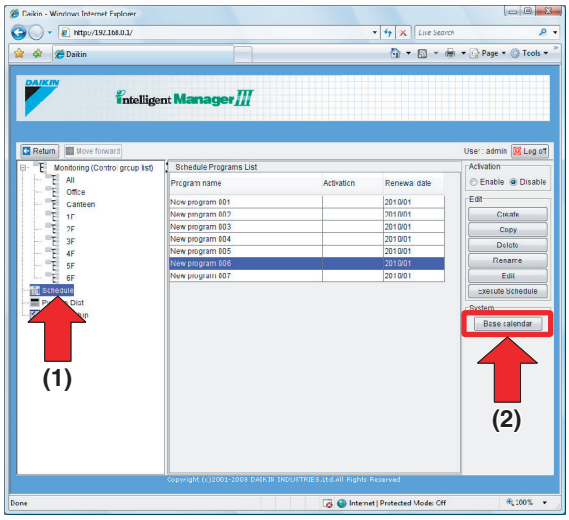
■ Setting the base calendar period

Set base calendar start month.
The base calendar period can be set from January 1998 – December 2036.

[Procedure]

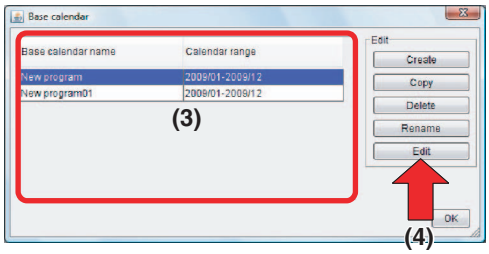
1. Select the Schedule node (1) from the function tree area.
Display the Main scheduling screen (Screen 1).

Screen 1: Main scheduling screen



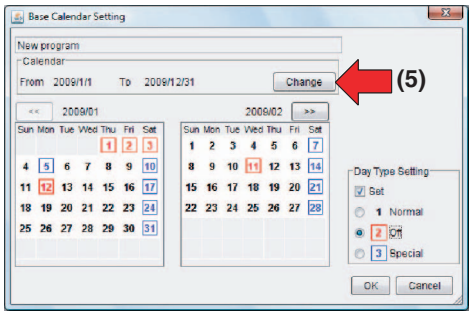
Select the schedule program to set as the execution schedule from the schedule programs list, then click
“ Base calendar ” (2).
Display the Base Calendar screen (Screen 2).

Screen 2: Base Calendar screen



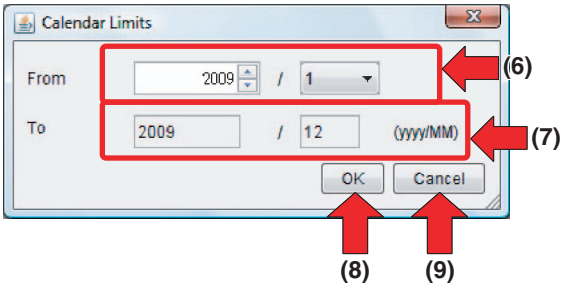
2. Select the base calendar to set from the base calendar list (3), then click “ Edit ” (4).
Display the Base Calendar Setting screen (Screen 3).

Screen 3: Base Calendar Setting screen



3. Click “ Change ” (5).
Display the Calendar Limit screen (Screen 4).

Screen 4: Calendar Limit screen



4. In the “From” field (6), use the spinner button to select the year, and use the combination box to select the month in order to select the year and month to set.
The values in the “To” field (7) change automatically to match changes in the “From” values.

5. When the selection is completed, click “ OK ” (8).

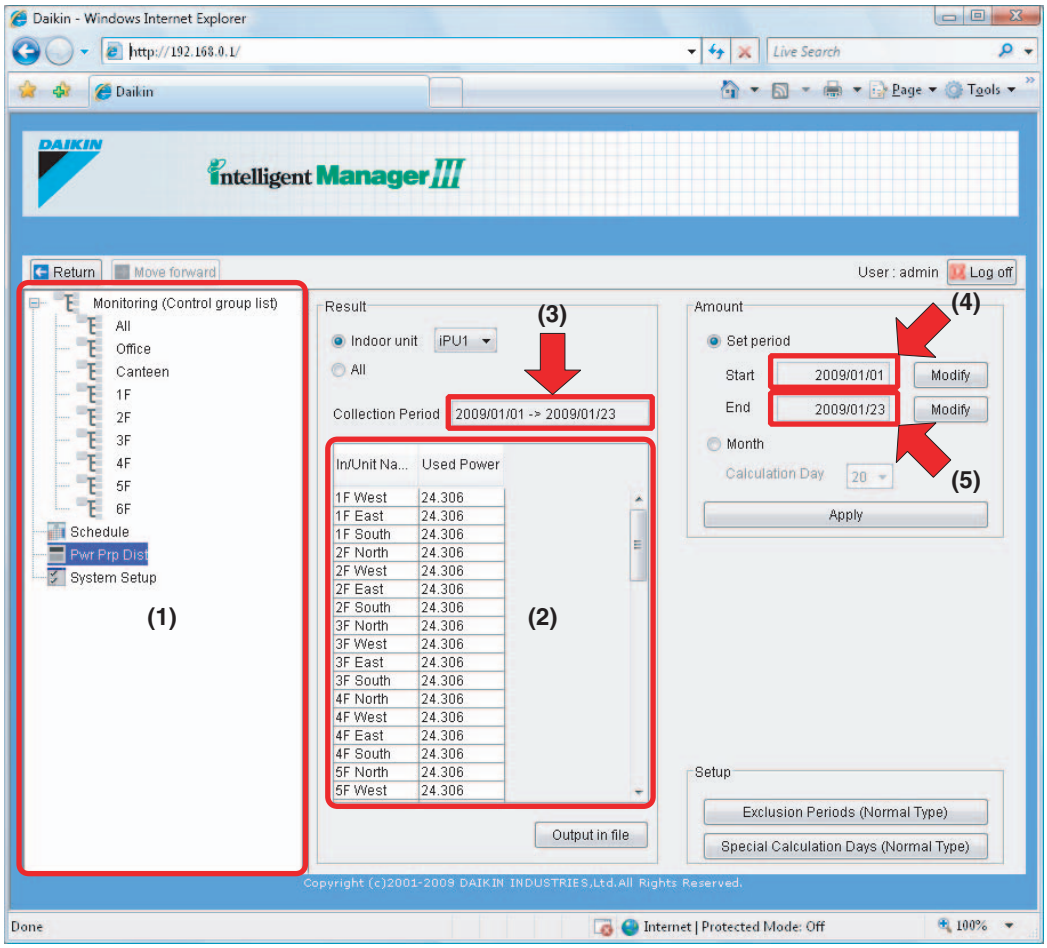
To cancel, click “ Cancel ” (9).
Display the Base Calendar Setting screen (Screen 3).

9. MENU STRUCTURE OF PROPORTIONAL DISTRIBUTION FUNCTION

9-1 Main screen

This page explains the screen displayed when the schedule menu is selected.

When (1) Pwr Prp Dist is selected, the following Main screen of proportional distribution appears.



■ Display Area

(1) Function tree are
When Pwr Prp Dist is selected, the Main screen of proportional distribution appears.

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

(3) Collection Period
The collection period of proportional distribution appears.

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

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

■ Buttons

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

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

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

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

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

Exclusion Periods (Normal Type)

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

Special Calculation Days (Normal Type)

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

Indoor unit — The list of collection results for the proportional distribution data can be displayed for each management point.

iPU1 — The list of collection results for the proportional distribution data can be displayed for all management points which are included in the iPU.

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

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

Return — Click this button to return to the previous screen displayed in the function tree. (You can return to a maximum of 20 screens.)

Move forward — Moves the function tree display forward after it was previously returned with the “Return” button.

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

9-2 Settings for Exclusion Periods (Normal Type)

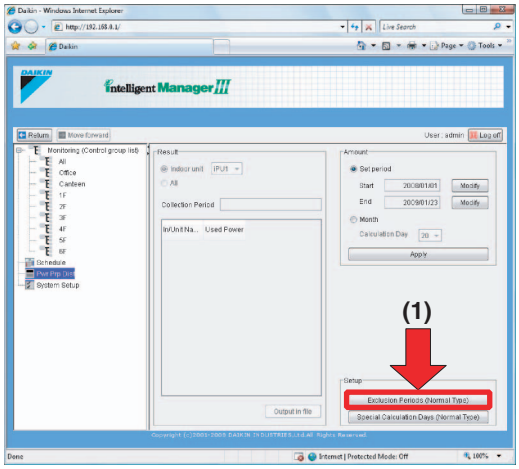
You can set the desired time control group between 0:00 and 24:00 and the day of the week for not performing proportional distribution calculation.

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.

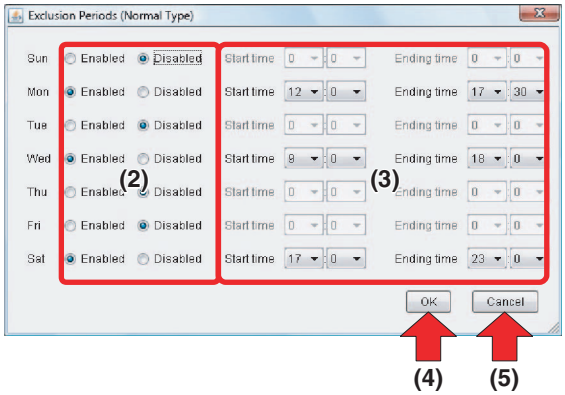
∗ You can make exclusion period settings on a time control group basis (between 0:00 and 24:00) or on a day-of-the-week basis.
These settings are made for the whole system, and you can make individual settings on a group or control group basis.

1. Click “ Exclusion Periods (Normal Type) ” (1) in the Main screen (Screen 1) for proportional distribution.
Screen 2 for exclusion periods appears.

Screen 1: Main screen for proportional distribution



Screen 2: Screen for exclusion periods



2. Set the desired day of the week for the target exclusion period.
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. Click “ 0 ” 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 period 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 filed (3) is grayed out and the settings are disabled.

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

6. Click “ OK ” (4) on completion of the settings.
Click “ Cancel ” (5) to cancel the settings.
The Main screen (Screen 1) for proportional distribution appears.

9-3 Setting Special Calculation Days (Normal Type)

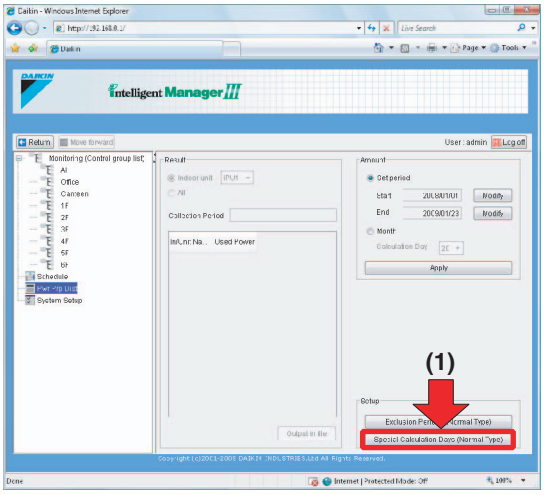
Take the following steps to set special calculation days.
It is possible to make exceptional settings so that you can make the proportional distribution calculation of the already-set exclusion period of any full day (i.e., 0.00 to 24:00) of the week.

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).

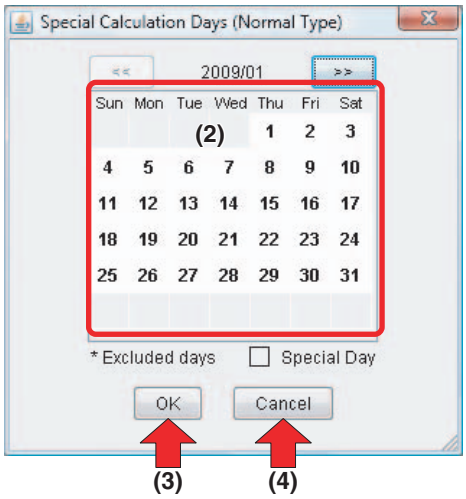
* You can make settings on a year basis, and the month and date that are set will be valid in the next year as well.
If settings are made for February 29 of a leap year, the same setting will be effective on February 29 in the next leap year.
This function has a setting range up to December 2037.

1. Click " Special Calculation Days (Normal Type) " (1) in the Main screen (Screen 1) for proportional distribution.
Screen 2 for special calculation days appears.

Screen 1: Main screen for proportional distribution



Screen 2: Screen for special calculation days



2. Click " << " 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 appears around the date.
   * If an exclusion period 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 Special Calculation Days 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. Click " OK " (3) on completion of the settings.
   Click " Cancel " (4) to cancel the settings.
   The Main screen (Screen 1) for proportional distribution appears.

9-4 Setting Collection Periods of Proportional Distribution Result (Period Settings)

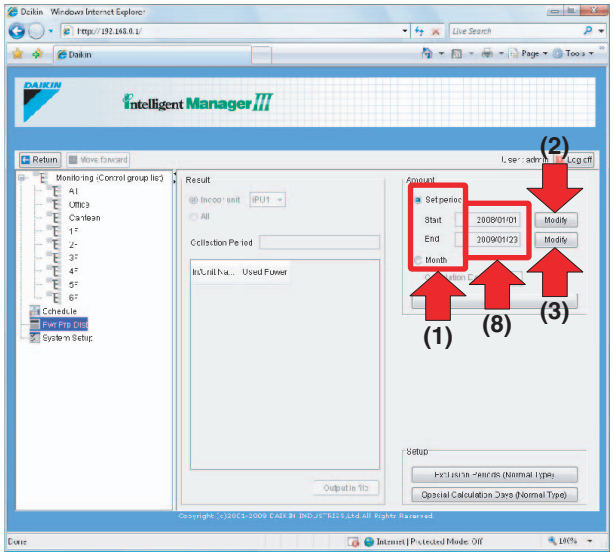
Period settings enable you to make arbitrary settings for the period of collecting the result of proportional distribution.

Example Use this function if you want to make a control group 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.

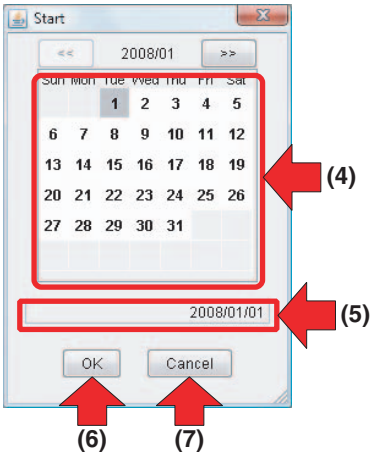
* The possible setting range of the start date is from the first day of the month of the previous year to the last day of the month and that of the end date is from the first day of the month of the previous year to the day before the last day of the month.

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.

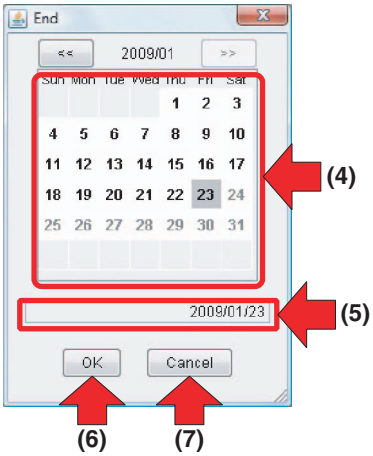
Screen 1: Main screen for proportional distribution



Screen 2: Screen for collection start date



Screen 3: Screen for collection end date



2. Click " Modify " (2) to change the collection start date.

Click " Modify " (3) to change the collection end date.
When you select the collection start date, Screen 2 for the collection start day appears. When you select the collection end date, Screen 3 for the collection end date appears.

3. Select the collection start month or end month. Select the desired month with " << " or " >> " in Screens 2 or 3.

∗ If the change to the previous month is not possible, " << " is grayed out. If the change to the next month is not possible, " >> " 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 field (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. Click " OK " (6) in Screen 2 and Screen 3 on completion of the settings.

Click " Cancel " (7) to cancel the settings.
The Main screen (screen 1) for proportional distribution appears.

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.

9-5 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. Moreover, by specifying the calculation dates, 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).

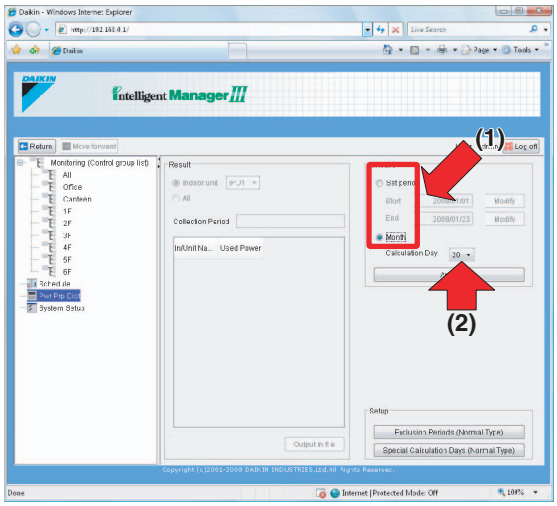
∗ The collection period is from 0:00 of the specified calculation date of the previous month to the 0:00 of the specified calculation date of the present month.

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

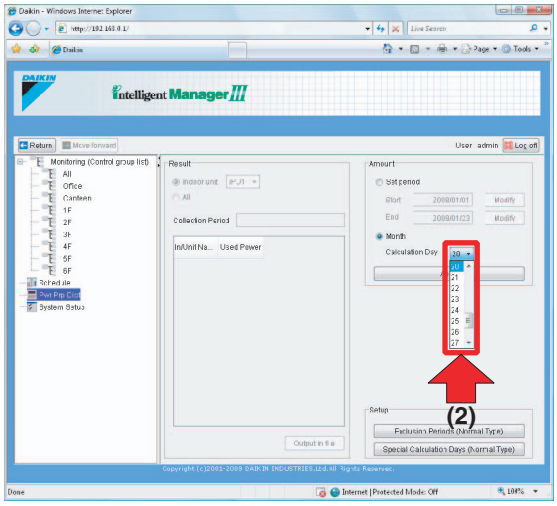
1. Select the Month radio button from the collection filed (1) in the Main screen (Screen 1) for proportional distribution. The Calculation date combination box appears.

∗ If the Set period radio button is selected in the Collection field (1), the Calculation date combination 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 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.)

9-6 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 hard disk of the PC.

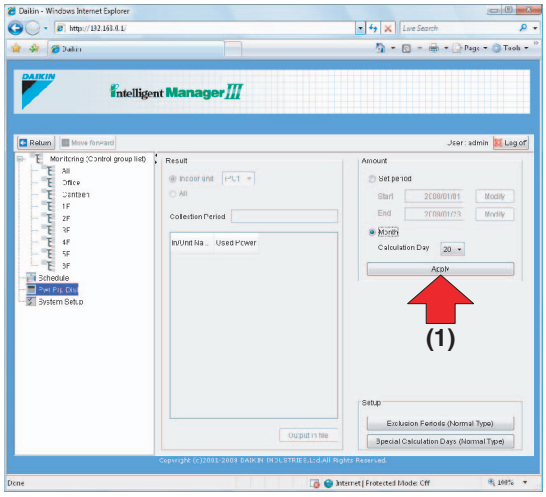
∗ If you select “No” in the security warning screen (see page 8), you cannot save the file on the hard disk of the PC.
If you want to save the file on the hard disk of the PC, once quit Internet Explorer, start Internet Explorer, and select “Yes” and “Always” in the security warning screen.

Before displaying the result of proportional distribution, make exclusion period, special calculation day, and calculation period (period and month) settings.

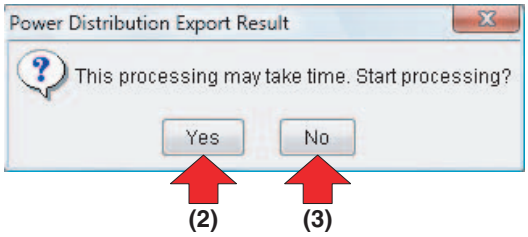
- Exclusion Periods (Normal Type) ..... (See page 60)
- Special Calculation Days (Normal Type) ..... (See page 61)
- Calculation period
  Set period ..... (See page 61)
  Month ..... (See page 62)

1. Before displaying the result of proportional distribution, make exclusion period (normal type), special calculation day (normal type), and collection period (period and month) settings.
Click “ Apply ” (1) in the Main screen (Screen 1) for proportional distribution. Screen 2 for power distribution export result appears.

Screen 1: Main screen for proportional distribution



Screen 2: Screen for Power Distribution Export Result



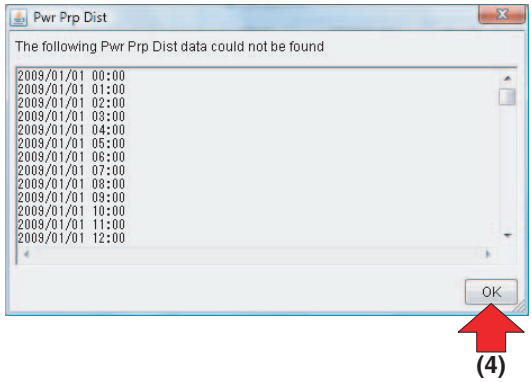
2. The message “This processing may take time. Start processing?”
To start processing, click “ Yes ” (2).
If you do not want to start processing, click “ No ” (3).

∗ The Main screen (Screen 1) appears when you click “ No ”.

3. If there were periods when no collection data was obtained, Screen 3 for Pwr Prp Dist appears.
Click “ OK ” (4).

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

Screen 3: Screen for Pwr Prp Dist



Go to the following.

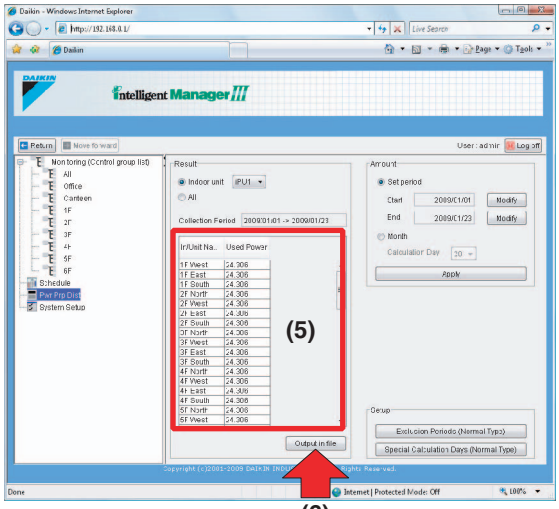
9-7 Display Method of Proportional Distribution Result-2

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

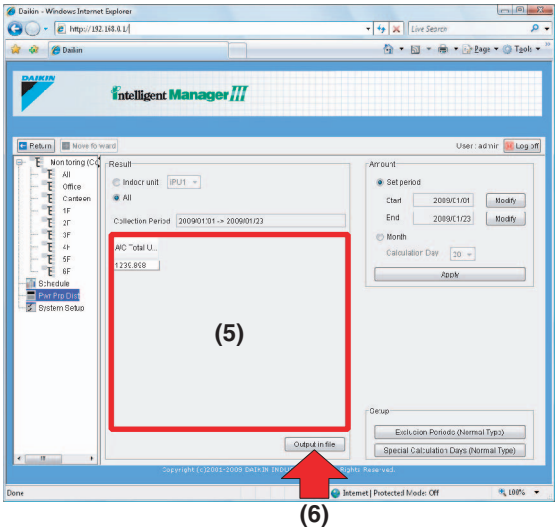
- Indoor unit check button
  The result of proportional distribution is displayed on an indoor unit basis.
  “In/Unit Name” and “Used Power” are displayed in the collection results list.
- iPU No. combination box
  The collection results list displays only the management points which are included in the iPU which was selected from the iPU combination box.
  The iPU numbers which can be selected are iPU1 – iPU4. iPU numbers which are not included in the system configuration cannot be displayed.
- All check button
  Press this button to display the sum total of the results of proportional distribution of all the indoor units.
  The “A/C Total Use Power” is displayed in the collection results list.

- 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 indoor units



Screen 5: Screen for total collection result



5. Screen 4 or 5 appears as explained below, depending on the button selected.
   Indoor unit check button: Screen 4 for the collection result of indoor units.
   All check button: Screen 5 for the total collection result.
6. To save the collection result on the hard disk of the PC, click "Output in file" (6) button in screen 4 to 5.
   * The collection result is saved in CSV format.
   Two files, i.e., 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.

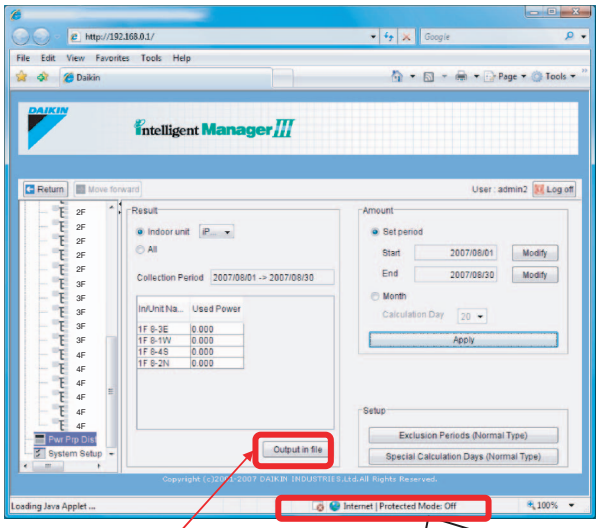
⚠ CAUTION

Proportional data is collected and added up through the monitor panel software. Collect the data while the software is running.

9-8 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 Explore 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 Explore, carry out one of the following three methods:

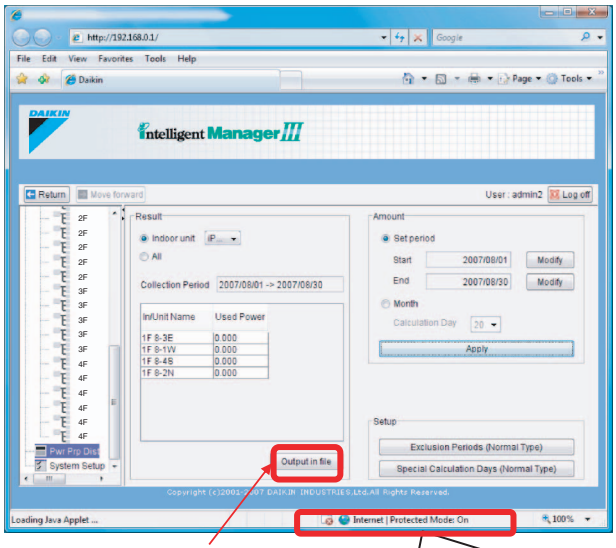
Protected Mode : Off



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

Protected Mode : Off

Protected Mode : On

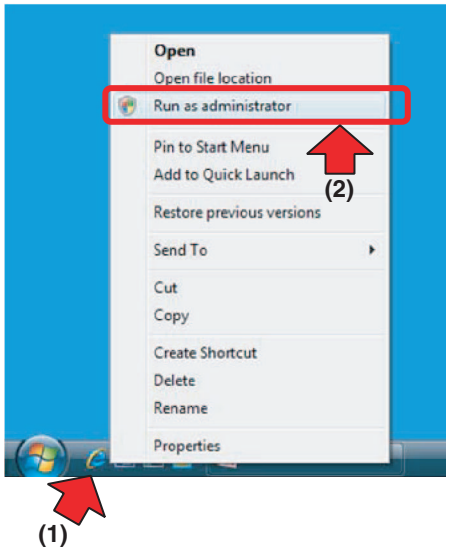


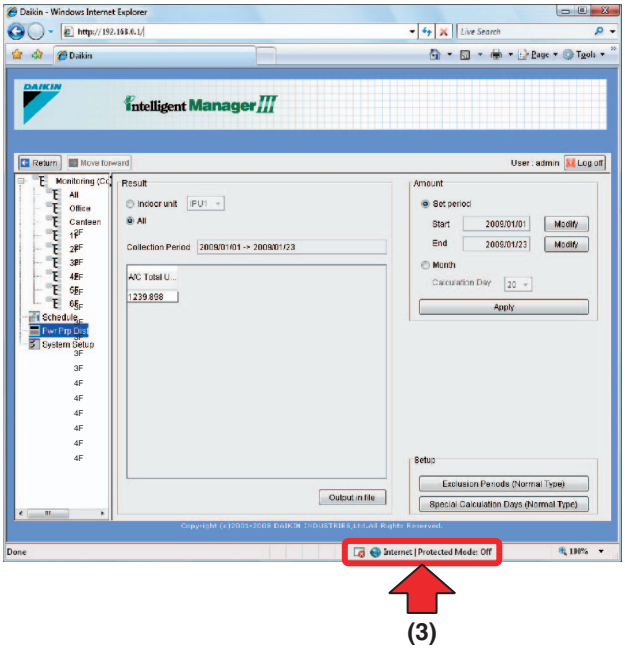
You cannot save the aggregation results in a file even if you click "Output in file".

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

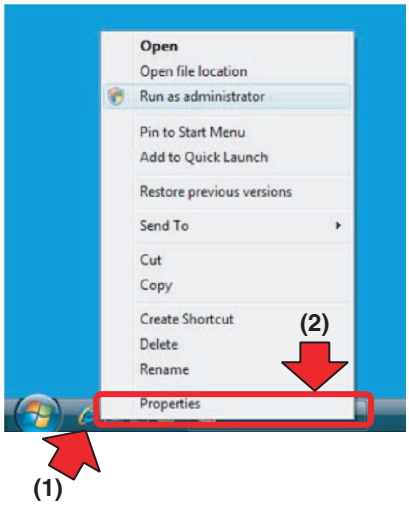


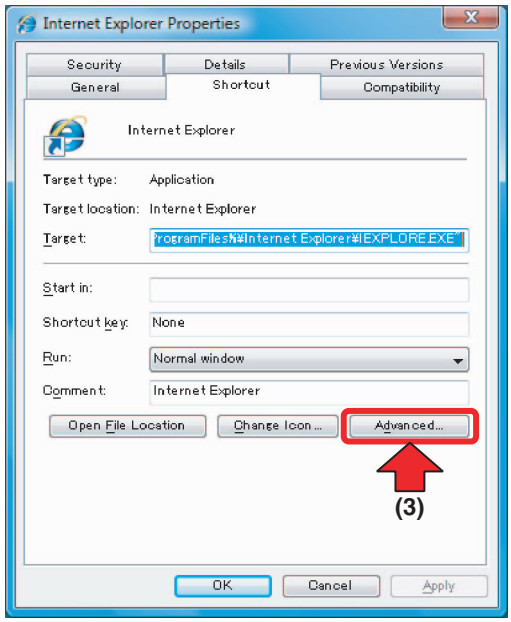


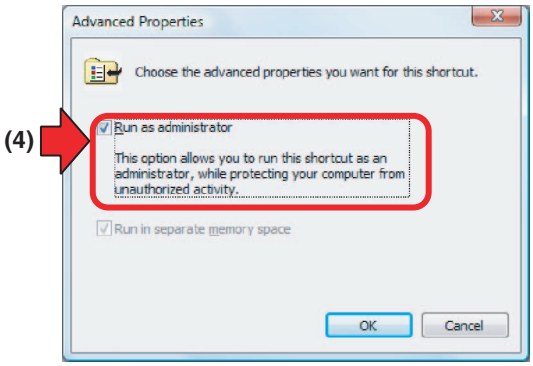
2. Method 2 Run Internet Explorer always as an administrator
Before starting up Internet Explorer, carry out the procedures (1) - (6) below and start up Internet Explorer, and "Protected Mode: Off" is displayed in the status bar of Internet Explorer, allowing you to click the "Output in file" button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

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

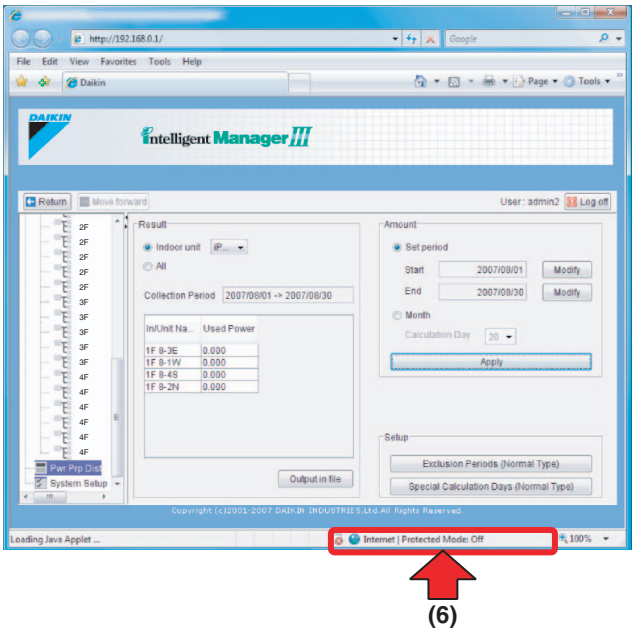
(1) Right-click Internet Explorer
(2) Open the property of Internet Explorer
(3) Select Advanced in the property of Internet Explorer to open the Advanced Properties window
(4) Check "Run as administrator" in the Advanced Properties window
(5) Start up Internet Explorer
(6) Check that "Protected Mode" is turned OFF

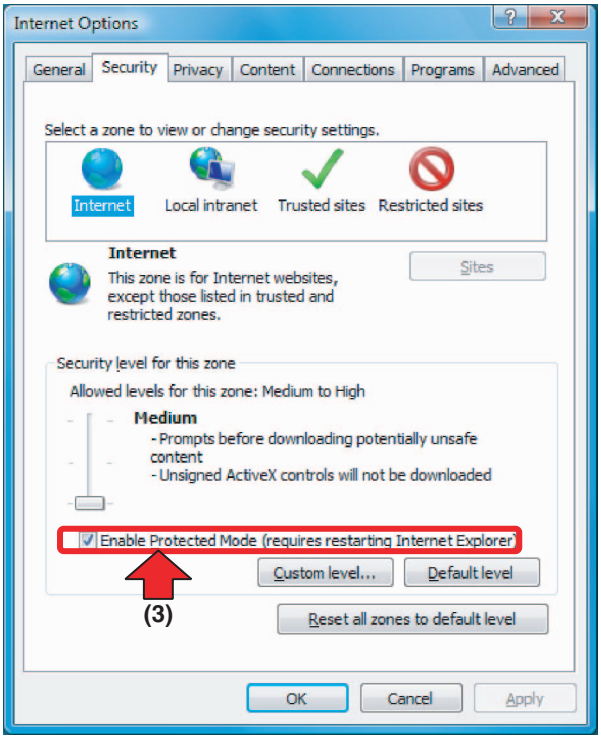


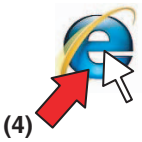










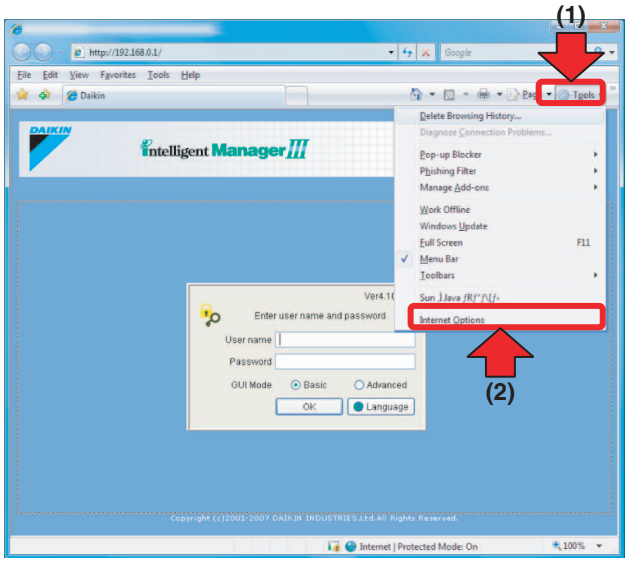


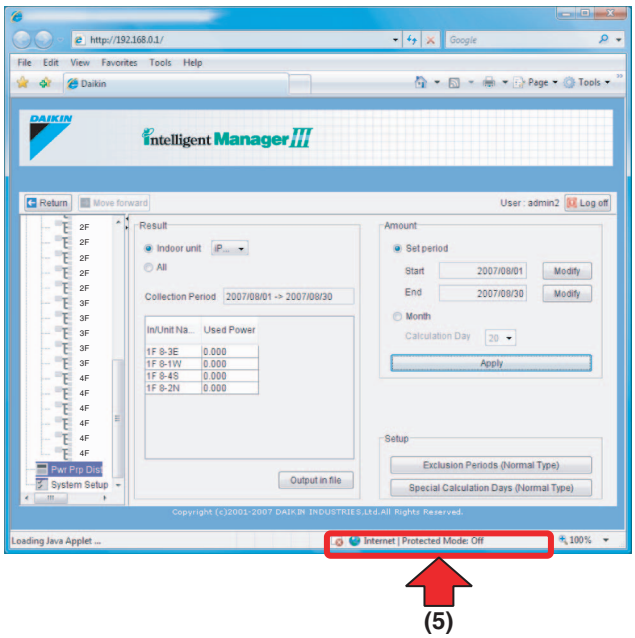
3. Method 3 Disable Protected Mode

You can save the aggregation results in a file regardless of your user type (administrator/general user) by restricting the permission with User Account Control (UAC).

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

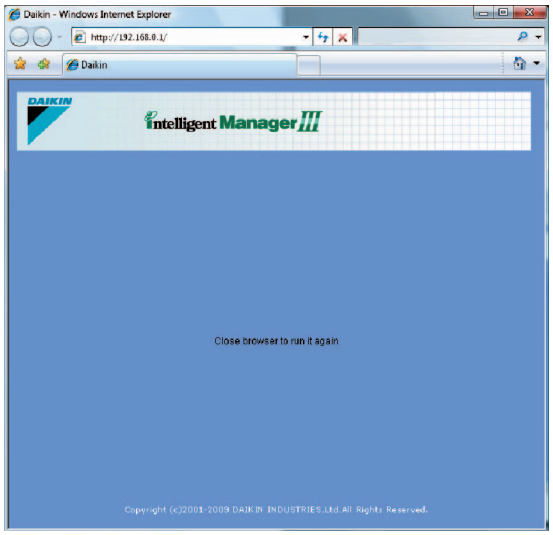
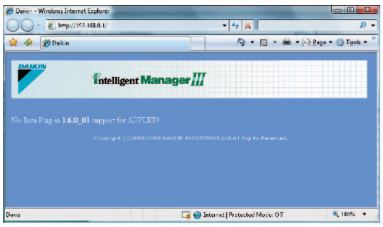
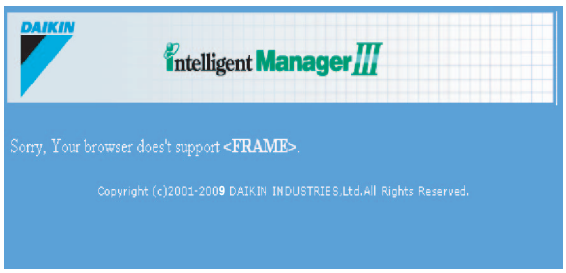
(1) Select Tool
(2) Open Internet Option
(3) Uncheck "Enable Protected Mode"
(4) Start up Internet Explorer
(5) Check that "Protected Mode" is turned OFF

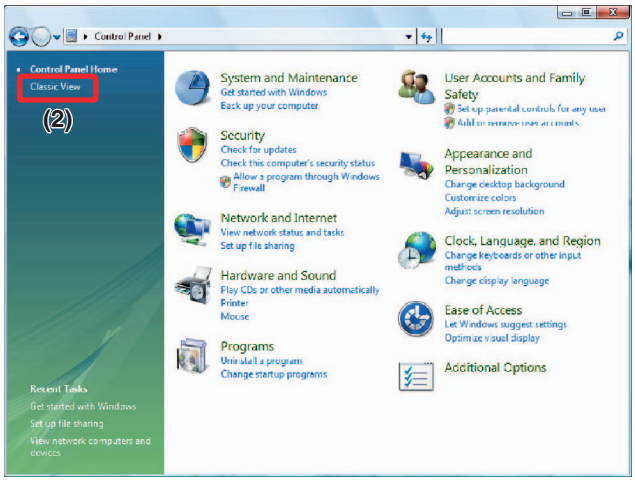
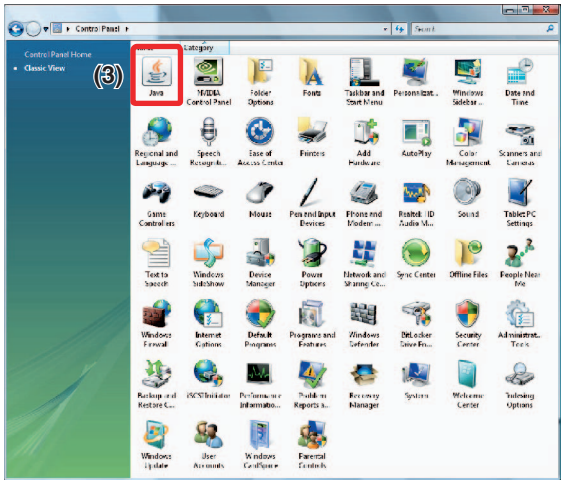




10. BEFORE CONTACTING US: TROUBLESHOOTING

Problems	Possible Reasons and Solutions
Air conditioners are not operational, although I did not click the stop button on the web interface.	The most likely causes are: 1. The air conditioners were stopped using the local remote controllers. 2. The air conditioners were stopped from the intelligent Manager console or any centralized controller. 3. A power failure occurred. 4. A schedule program set via the web interface stopped the air conditioners. 5. The Heating Optimization function of the intelligent Manager stopped the conditioners. In the HEAT operation mode room temperature may increase if thermostats do not work. The function prevents this problem by automatically stopping air conditioners. For more information, refer to the intelligent Manager operation manual.
Air conditioners are operational, although I did not click the start button on the web interface.	The most likely causes are: 1. The air conditioners were started using local remote controllers. 2. The air conditioners were started from the intelligent Manager console or any centralized controller. 3. A schedule program set via the web interface started the conditioners. 4. The Temperature Limit function of the intelligent Manager started the air conditioners. This function prevents room temperature from becoming extremely high or low by automatically starting air conditioners when a specified temperature threshold is exceeded. For more information, refer to the intelligent Manager operation manual.
The temperature setting and/or operation mode of the air conditioner were changed, although I did not change these settings on the web interface.	The most likely causes are: 1. The settings were changed using the local remote controllers. 2. The settings were changed from the intelligent Manager console or any centralized controller. 3. A schedule program set via the web interface changed the settings. 4. The Change Over function of the intelligent Manager changed the settings. This function maintains optimal room temperature by automatically changing the operation mode and/or temperature setting according to the changing environment conditions. For more information, refer to the intelligent Manager operation manual.
The user cannot log in and an error screen appears.	The most likely causes are: • The login user ID may not be authorized to perform website control. Contact the administrator. • Do you attempt to log into the monitor panel software? Both website functions (i.e., the monitor panel software and website) cannot be used simultaneously. Log out of the monitor panel software. Then log into the website function.
When the user logs in with a user ID authorized to be in schedule, PPD, view function, and temperature setting restriction, the user ID is not displayed in the function tree in advanced mode.	The most likely causes are: • Both website functions (i.e., the monitor panel software and website) cannot be used simultaneously. Log out of the monitor panel software. Then log into the website function. • When the user authorized to be in control of monitor panel software (e.g., schedule control) has already logged into the monitor panel software, the user cannot use website functions. Log out of the monitor panel software. Then log into the website function.
The user cannot collect and add up proportional data.	• Proportional data is collected and added up through the monitor panel software. Collect the data while the software is running.

Problems	Possible Reasons and Solutions
The following dialog box appears stating that a communication error occurred, and I cannot operate the air conditioners from my PC. Screen 1  Screen 2  	The most likely causes are: 1. Your PC is not cabled correctly to the intelligent Manager. 2.The intelligent Manager is turned off. Clicking the OK button on the dialog box (Screen 1) displays the Screen 2. Close your browser software and then restart it.
I cannot access the intelligent Manager web interface.	• Your PC is not correctly connected to the network. • The intelligent Manager address entered in the browser is incorrect. • The intelligent Manager is turned off. • The network is congested for any reason. In this case wait for a while and then access it again.
When accessing the intelligent Manager web interface, the following screen appears.  	• 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 4)
When accessing the intelligent Manager web interface, the following screen appears.  	• 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 4)

Problems	Possible Reasons and Solutions
I can access the intelligent Manager web interface. However it takes too much time to refresh the screen.	• The network may be congested for any reason. In this case wait for a while and then access it again.
The room temperature value on the intelligent Manager web interface does not match the actual measurement value.	• 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.	• Java plugin is not installed correctly. • The version of the installed Java plugin is not supported. * The latest version may not be supported. Refer to "BEFORE STARTING" for more information. (See page 4)
  	**Checking the Java Plug-in** 1. Open the Windows Control Panel. 2. If "Category View" is active, switch to "Classic View." 3. If the Java plug-in is installed, the "Java Plug-in" icon is displayed. 4. Double-click on the "Java Plug-in" icon to open the Java plug-in control panel. 5. Click on the "About" tab and check the version number.

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