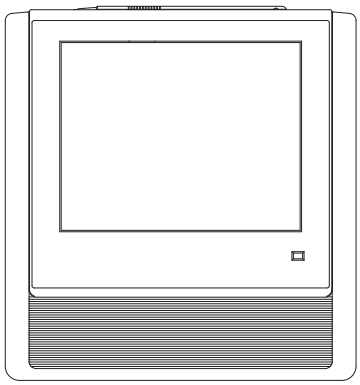
AIRSTAGE™



OPERATING MANUAL
TOUCH PANEL CONTROLLER
Keep this manual for future reference.

English

使用说明书
触摸屏控制器
使用产品前请仔细阅读本使用说明书
请保留本说明书以供今后参考

中文

BEDIENUNGSANLEITUNG
SENSORBILDSCHIRMSTEUERUNG

Deutsch

MODE D'EMPLOI
CONTRÔLEUR DE PANNEAU À CONTACT

Français

UTY-DTGYZ1
UTY-DTGGZ1

MANUAL DE FUNCIONAMIENTO
CONTROLADOR DE PANEL DE CONTACTO

Español

MANUALE DI ISTRUZIONI
DISPOSITIVO DI CONTROLLO DI PANNELLO A CONTATTO

Italiano

ΕΓΧΕΙΡΙΔΙΟ ΛΕΙΤΟΥΡΓΙΑΣ
ΟΘΟΝΗ ΑΦΗΣ ΧΕΙΡΙΣΜΟΥ

Ελληνικά

MANUAL DE FUNCIONAMENTO
CONTROLADOR DE PAINEL DE TOQUE

Português

РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ
КОНТРОЛЛЕР С СЕНСОРНОЙ ПАНЕЛЬЮ

Русский

KULLANIM KILAVUZU
DOKUNMATİK PANELLİ KUMANDA

Türkçe

دليل التشغيل
لوحة التحكّم اللمسية

عربي

富士通将军有限公司
FUJITSU GENERAL LIMITED

[Original instructions]
PART NO. 9378379091

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INTRODUCTION

■ SAFETY PRECAUTIONS

- The "SAFETY PRECAUTIONS" indicated in the manual contain important information pertaining to your safety. Be sure to observe them.
- For details of the operation methods, refer to this manual.
- Request the user to keep the manual on hand for future use, such as for relocating or repairing the unit.

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

- In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.
- Do not repair or modify any damaged cable by yourself. Let the authorized service personnel to do it. Improper work will cause a electric shock or a fire.
- This unit contains no user-serviceable parts. Always consult authorized service personnel for repairs.
- When moving, consult authorized service personnel for disconnection and installation of this unit.
- Do not touch with wet hands. It may cause an electric shock.
- If children may approach the unit, take preventive measures so that they cannot reach the unit.
- Do not repair or modify by yourself. It may cause a fault or accident.
- Do not use flammable gases near the unit. It may cause a fire from leaking gas.

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

- Do not set vessels containing a liquid on this unit. Doing so will cause heating, fire or electric shock.
- Do not expose this unit directly to water. Doing so will cause trouble, electric shock or heating.
- Dispose of the packing materials safely. Tear and dispose of the plastic packing bags so that children cannot play with them. There is the danger of suffocation if children play with the original plastic bags.
- Do not place electrical devices within 1 meter of this unit. It may cause malfunction or failure.
- Do not use fire near this unit or place a heating apparatus nearby. It may cause malfunction.
- Do not touch the switches with sharp objects. Doing so will cause injury, trouble, or electric shock.
- Do not insert articles into the slit parts of this unit. Doing so will cause trouble, heating, or electric shock.
- Do not operate the surface of the touch panel with other than the accessory touch pen or your finger. It will scratch the surface and cause trouble.

■ SYSTEM OUTLINE

1 Composition of basic screens

The screens of touch panel controller consist of 3 functions; monitoring, control, and setting.

MONITOR (Chapter 1)

(Monitor mode)

Icon

List

CONTROL (Chapter 2)

(Operation Control)

Operation Setting

Optional Setting

SETTING

(Operation Setting)

SETTING (Chapter 3)

SETTING

* 3-1 Language setting

* 3-2 Date Setting

3-3 Group Setting

3-4 Schedule Setting

3-5 Password Setting

* 3-6 Installer Setting

3-7 Network Setting

3-8 Low noise operaiton

* 3-9 Time zone setting

PREFERENCE SETTING (Chapter 4)

PREFERENCE SETTING

4-1 Preference Setting

HISTORY (Chapter 5)

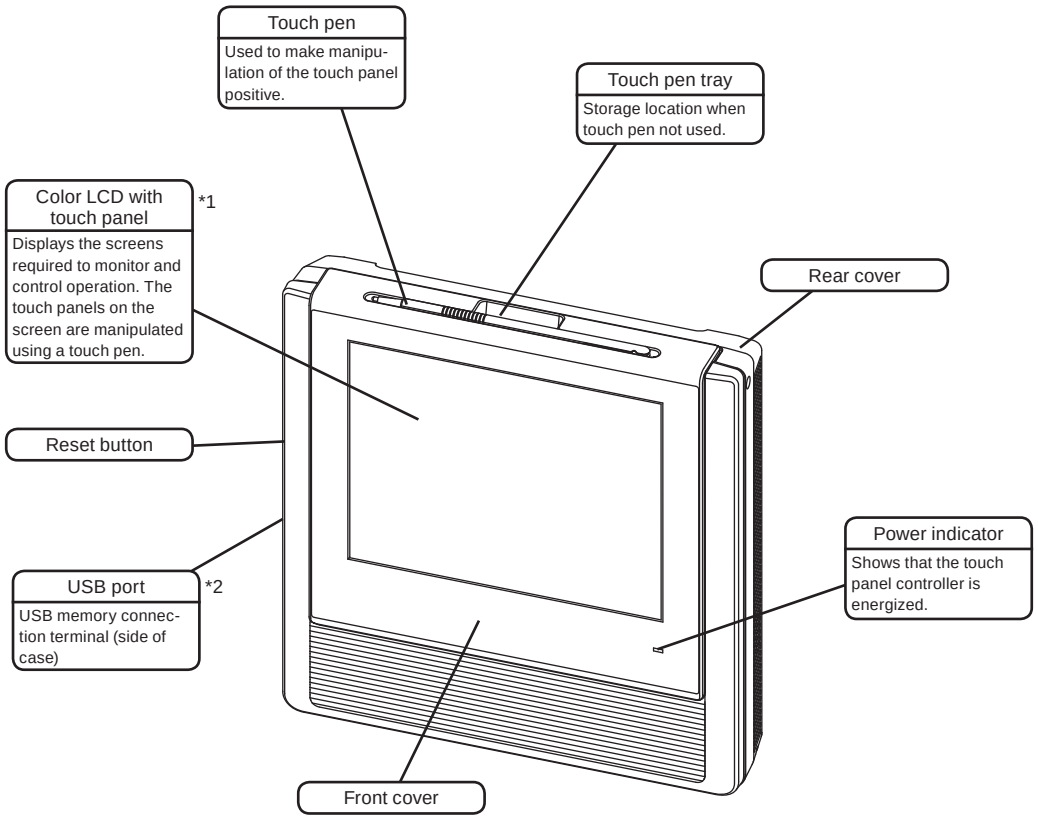
HISTORY

5-1 History Display

*: Includes initialization.

2 Name of parts

TOUCH PANEL CONTROLLER (UTY-DTG∗Z1)



*1

Note

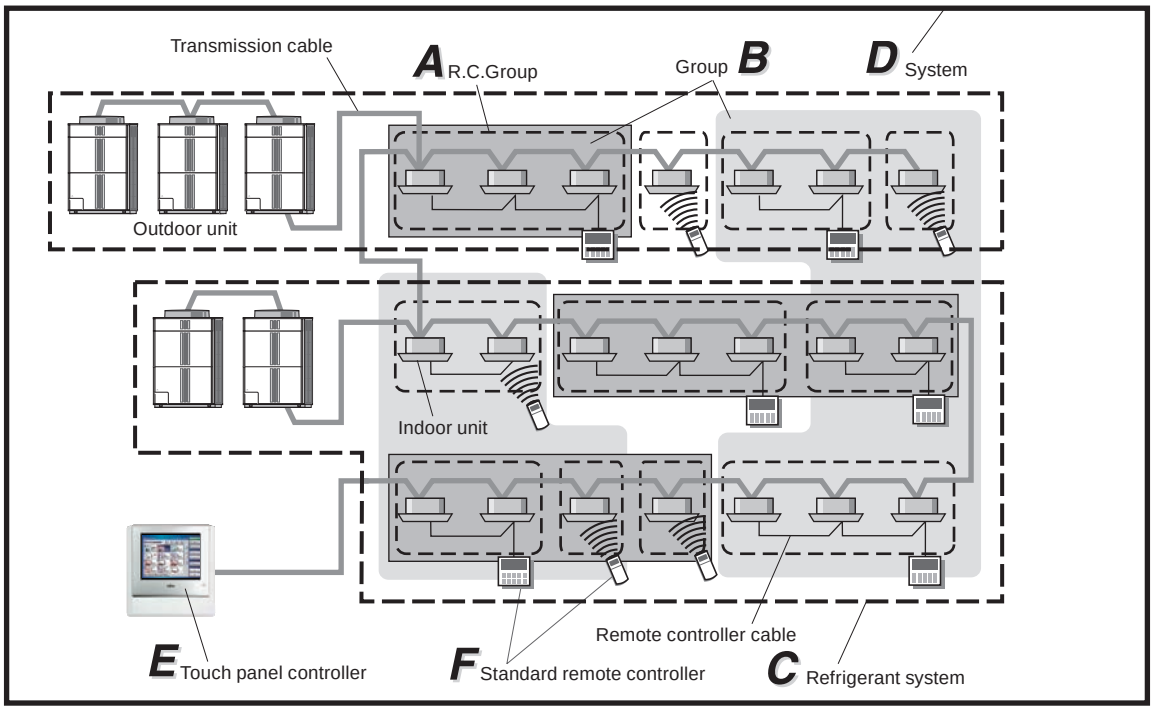
Touch panel screen operation precaution: Operate the touch panel screen so that it is touched and released perpendicularly with the accessory touch pen (or your finger). If it is released obliquely, it may not work properly.

*2

Notes

- Some USB memories may not be recognized by the touch panel controller. When not recognized, press the reset button after disconnecting the USB memory from the touch panel controller.
- Use a USB memory without “Write prohibited switch”.
- Use FAT16 or FAT32 as the USB memory format.

● Controller related terms



A R.C. Group:
This is the group of indoor units that have been connected with remote controller cable, or single indoor unit.

B Group:
Aggregate for collectively controlling 1 or multiple R.C Groups.

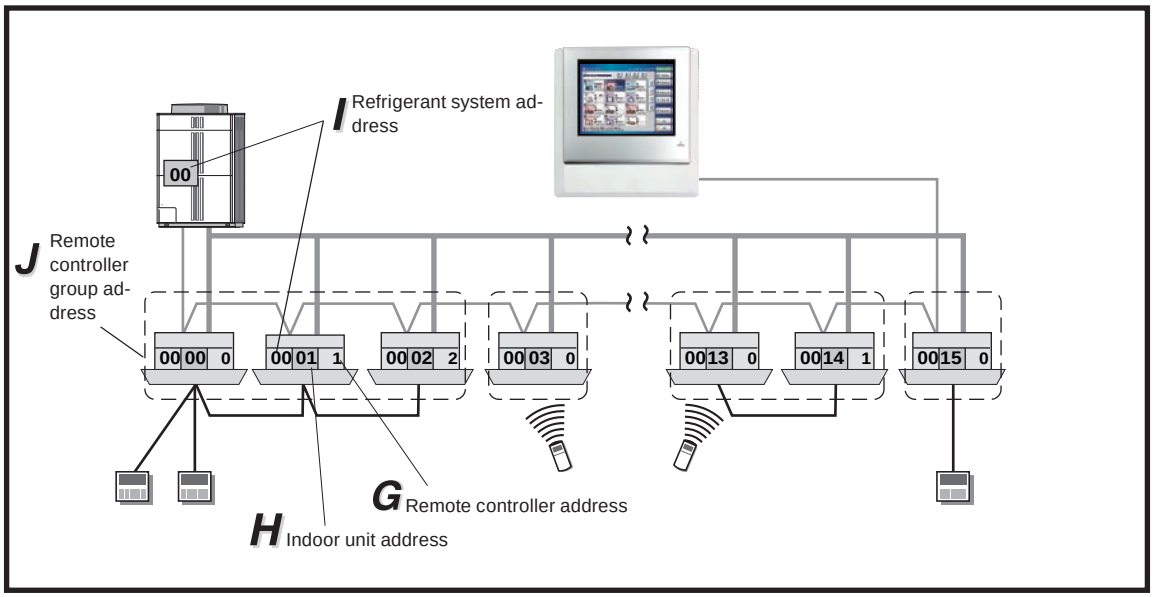
C Refrigerant system:
This is a system that is composed of indoor units, outdoor unit as well as those of relevant control equipment. All of the units and the equipment are connected with pipes with the same refrigerant.

D System:
This is all of the indoor units, outdoor unit as well as those of relevant control equipment (Touch panel controller, standard remote controllers) that are connected with the same transmission cable.

E Touch panel controller:
The touch panel controller is a remote controller that allows centralized control of multiple indoor units. A touch panel controller can control the operation of the indoor units and timers in 3 units: All, Group and Individual. Moreover, 1 touch panel controller can control up to 400 indoor units and 64 groups.

F Standard remote controller:
The standard remote controller is a remote controller that controls indoor units that have been formed into R.C. Groups. There are 4 kinds of standard remote controllers: wired remote controller, wireless remote controller, simple remote controller and external switch controller.

• Address related terms



G Remote controller address (0-15):
This is the ID individually assigned to the indoor units forming each R.C. Group and is used for control.

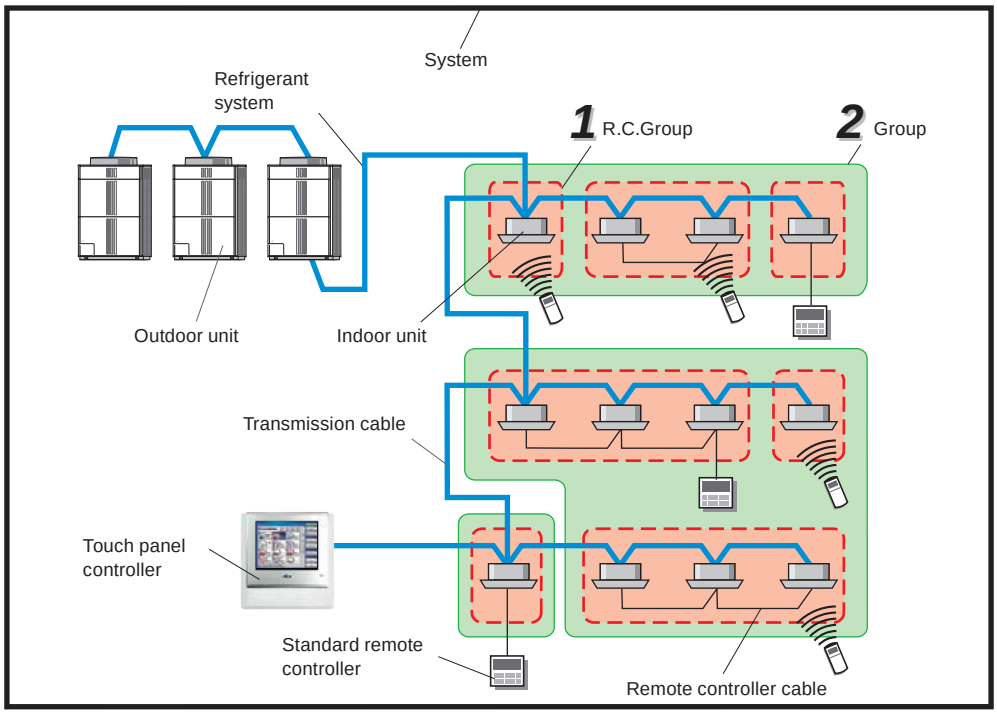
H Indoor unit address (00 - 63):
This is the ID individually assigned to each indoor unit and is used for control.

I Refrigerant system address (0 - 99):
This is the ID individually assigned to each refrigerant system and is used for control.

J Remote controller group address:
The Remote controller group address (R.C. Group Address) is made up of remote controller address “0”, refrigerant system address, and indoor unit address.

4 Control unit

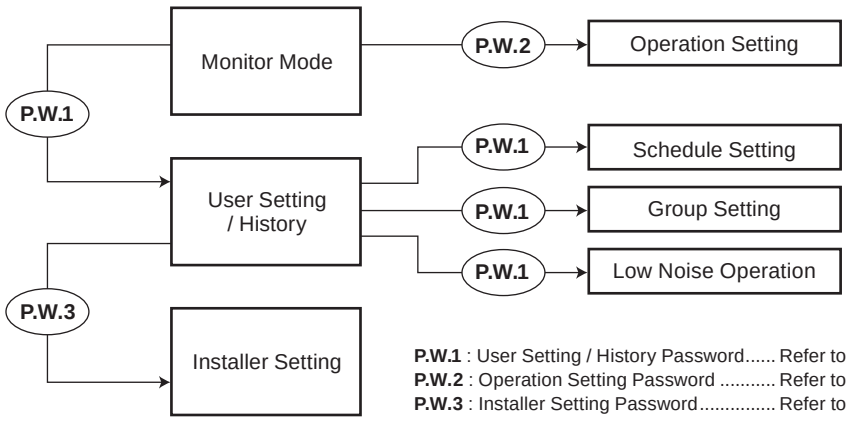
The units which can be controlled by touch panel controller have the composition shown in the figure below.



1	R.C.Group	Group of indoor units connected by remote controller cable of standard remote controller. This group operates under the same conditions based on commands from the standard remote controller.
2	Group	Unit which is composition managed (supervision, control) by 1 or more remote controller groups and group.

5 Password configuration

The kinds and relationship of passwords which can be set at this controller are as follows:

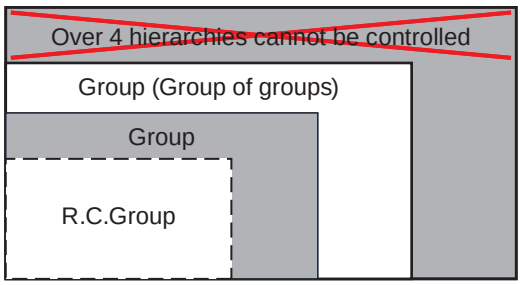


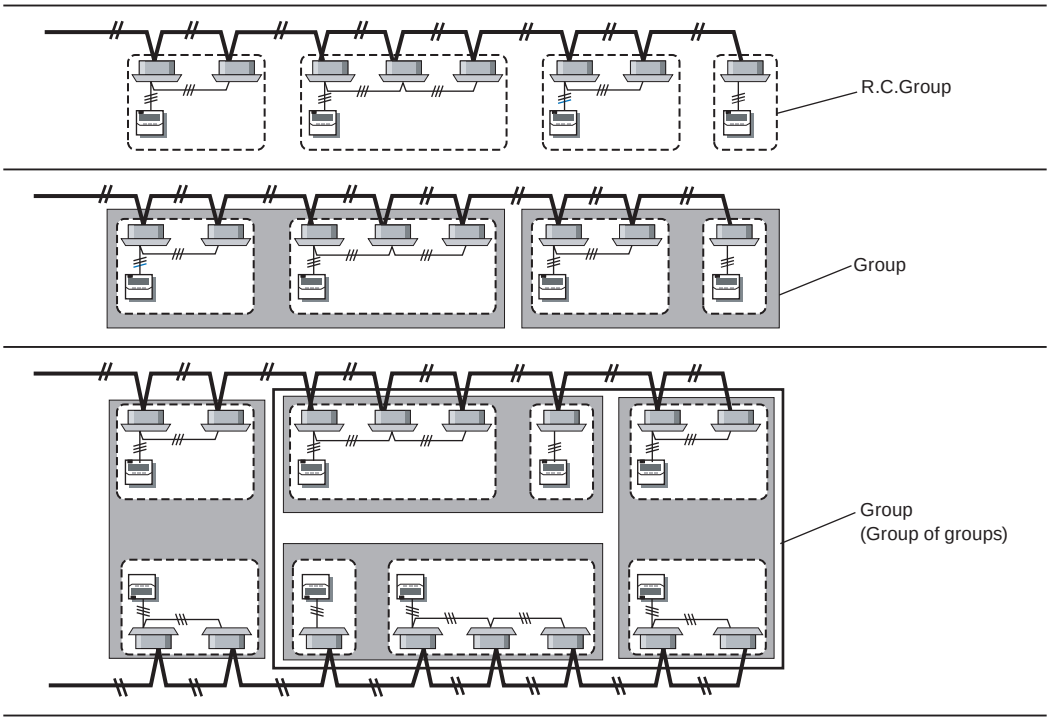
P.W.1 : User Setting / History Password..... Refer to 3-5-2.
P.W.2 : Operation Setting Password ..... Refer to 3-5-4.
P.W.3 : Installer Setting Password..... Refer to 3-6-19.

6 Organization of groups

The configurations that can be managed by touch panel controller are as follows:

The group units which can be controlled by touch panel controller is up to 3 hierarchies of R.C. group and group as shown below.





INITIALIZATION

■ Initialization procedure

After touch panel controller installation work is complete, perform initialization using the following procedures before starting to use the system.

Turning on the power

Always set the items shown below.

3-1 Language setting

3-1-1 Start system initialization 26
3-1-2 After system initialization 27

3-2 Date setting

3-2-2 Setting the current date and time..... 29
3-2-3 Selecting the date display format..... 29
3-2-4 Selecting the time display format..... 29

3-9 Time zone setting

3-9-1 Setting the time zone 96

Always set the items shown below.

3-6 Installer setting

3-6-2 Installer setting 71
3-6-3 Setting the address of the touch panel controller main unit..... 72
3-6-4 Setting the name of the touch panel controller main unit..... 72

*Register the indoor unit by 1 of the methods from 3-6-5 to 3-6-8.

3-6-5 Registering the units 73
3-6-6 Registering indoor units in refrigerant system address order 74
3-6-7 Registering indoor units in operation order 75
3-6-8 Changing the registered indoor units sequence 77
3-6-9 Adding indoor unit registration 77

When initialization ends, the user setting and history screens are displayed.

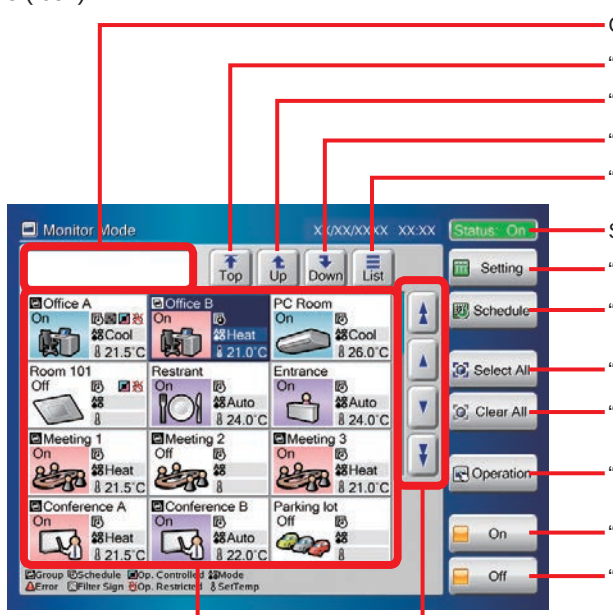
Operation start preparations complete

Chapter 1 MONITOR

1-1 Monitor

1-1-1 Main screens of Monitor Mode

Monitor Mode (Icon)



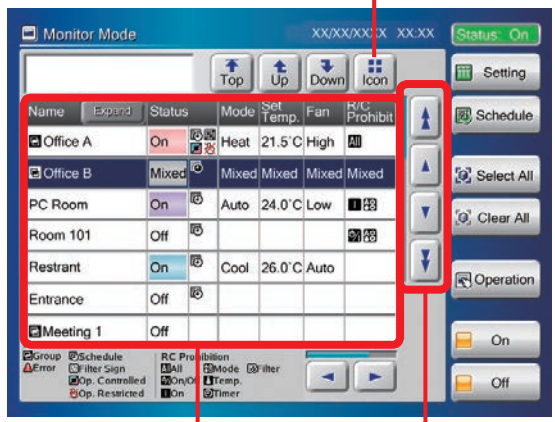
Group hierarchy display
"Top" button
"Up" button
"Down" button
"List" button
Status display
"Setting" button
"Schedule" button
"Select All" button
"Clear All" button
"Operation" button
"On" button
"Off" button
Screen display move (up/down) button
Icon display

Notes

"Status" status display list

Status On	Indoor units in the system operate.
Status Off	All indoor units in the system are stopped.
Status Error	An error occurred at 1 or more units in the system.
Emergency Stop	1 or more indoor units in the system are emergency-stopped.

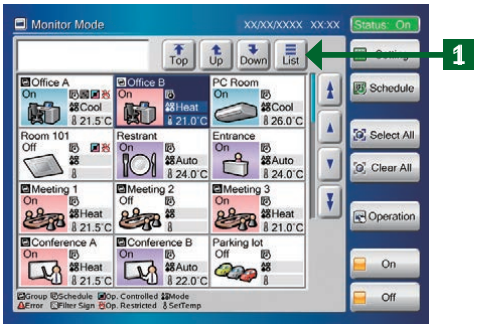
Monitor Mode (List)



"Icon" button
Screen display move (up/down) button
List display

1-1-2 Switching “Monitor Mode” screen display format

Monitor Mode (Icon)

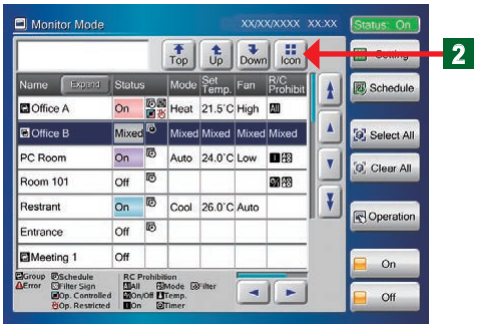


- **Switches “Monitor Mode” screen to “Icon” or “List”.**

1 When “Monitor Mode” screen is “Icon” display screen, click “List” button.

◆ “Monitor Mode” screen becomes “List” display.

Monitor Mode (List)

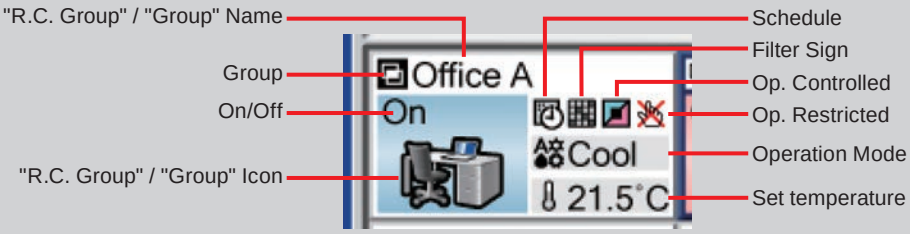


2 When “Monitor Mode” screen is “List” display screen, click “Icon” button.

◆ “Monitor Mode” screen becomes “Icon” display.

Notes

Description of “Icon” display



Notes

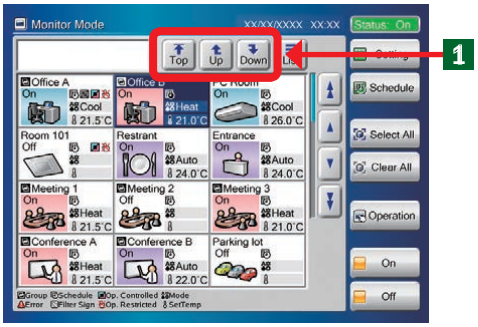
“Icon” Display List

Icon	Name	Content
	Group	Group
	Error	Error
	Cool/Dry (Light blue)	Cooling or Drying
	Auto/Fan (Light Purple)	Automatic or fan operation
	Heat (Light Pink)	Heating
	Mixed (Light Gray)	Multiple operation modes are mixed in the same group.
	Schedule	Schedule timer is set.
	Filter Sign	Filter cleaning alarm sign
	Op. Controlled	Indoor units and outdoor units operation mode is under control.
	Op. Restricted	Operation is restricted by any function.

Icon	Name	Content
	Mode	Operation mode
	Set. Temp.	Set temperature
All	All	Standard remote controller all operations prohibited
	On/Off	Standard remote controller ON/Off operation prohibited
	On	Standard remote controller ON operation prohibited
	Mode	Standard remote controller operation mode setting prohibited
	Temp.	Standard remote controller temperature setting operation prohibited
	Timer	Standard remote controller timer setting operation prohibited
	Filter	Standard remote controller filter reset operation prohibited

1-1-3 Changing group display hierarchy

Monitor Mode (Icon)



1 Use when changing the hierarchy of the group displayed on “Monitor Mode” screen.

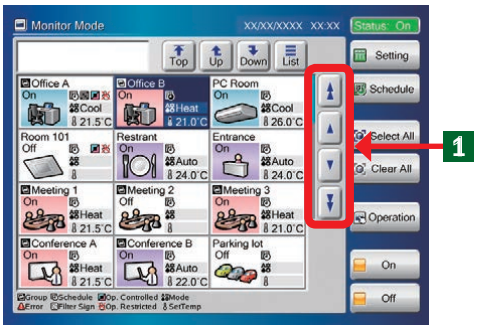
Notes

The following 3 buttons move the group hierarchy screen.

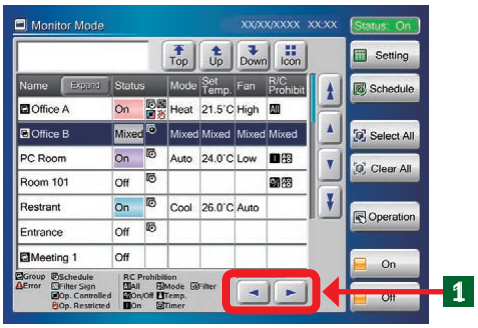
Top	Moves to the hierarchy at the top of the screen
Up	Moves the screen to the next higher hierarchy
Down	Moves the screen to the next lower hierarchy

1-1-4 Changing “Monitor Mode” screen display range

Monitor Mode (Icon)



Monitor Mode (List)



1 Scroll the screen using the up/down and left/right buttons on “Monitor Mode” screen. Check the items which cannot be displayed on 1 screen by scrolling.

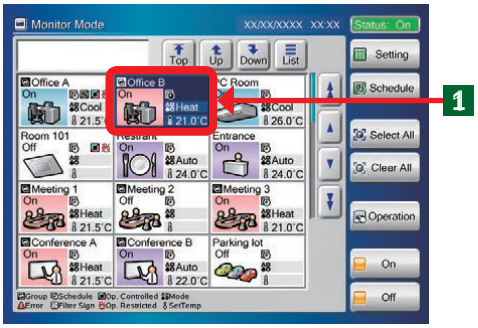
Notes

The following 6 buttons scroll the screen.

	Scrolls the screen up in page units.
	Scrolls the screen down in page units.
	Scrolls the screen up 1 line at a time.
	Scrolls the screen down 1 line at a time.
	Scrolls the screen to the left 1 column at a time. (Effective for list display only)
	Scrolls the screen to the right 1 column at a time. (Effective for list display only)

1-1-5 Selecting and deselecting a R.C.Group / Group

Monitor Mode (Icon)

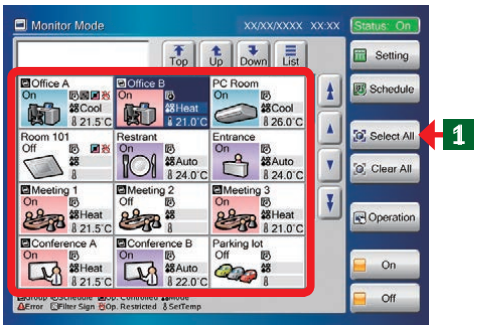


1 Select the relevant R.C.Group / Group.

- ◆ The selected R.C.Group / Group becomes the selected state (blue).
- ● When re-selected in the selected state (blue), the selection is deselected.

1-1-6 Selecting all R.C.Groups / Groups

Monitor Mode (Icon)



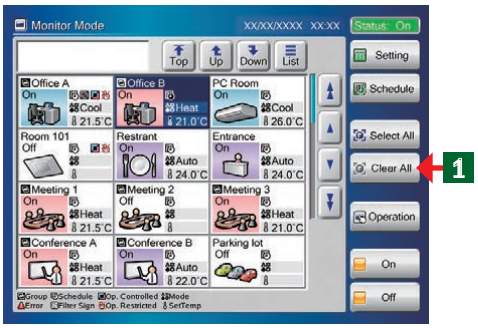
- Select all the R.C.Groups / Groups on “Monitor Mode” screen.

1 Click “Select All” button.

◆ All the selected R.C.Groups / Groups becomes the selected state (blue).

1-1-7 Deselecting all R.C.Groups / Groups

Monitor Mode (Icon)



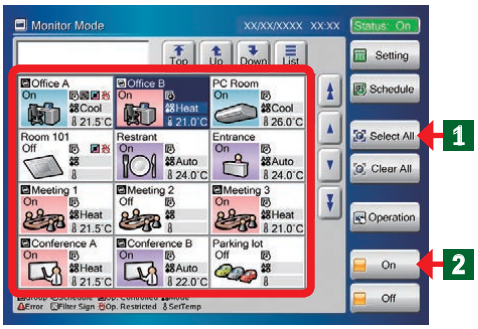
- Deselect all the R.C.Groups / Groups on “Monitor Mode” screen.

1 Click “Clear All” button.

◆ All the selected R.C.Groups / Groups become the deselected state.

1-1-8 Starting (On) operation of all R.C.Groups / Groups

Monitor Mode (Icon)



1 Click “Select All” button.

◆ All R.C.Groups / Groups on “Monitor Mode” screen are selected (blue).

2 Click “On” button.

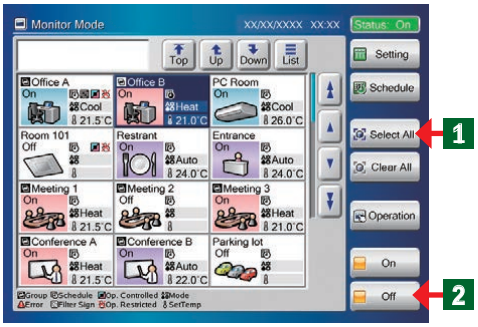
◆ Operation of all the selected R.C.Groups / Groups starts.

Note

When a password is set at “Operating Setting”, the password must be input.

1-1-9 Stopping (Off) operation of all R.C.Groups / Groups

Monitor Mode (Icon)



1 Click “Select All” button.

◆ All R.C.Groups / Groups on “Monitor Mode” screen are selected (blue).

2 Click “Off” button.

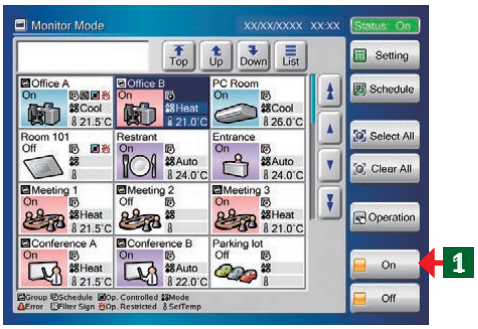
◆ Operation of all the selected R.C.Groups / Groups stops

Note

When a password is set at “Operating Setting”, the password must be input.

1-1-10 Starting (On) operation of selected R.C.Group / Group

Monitor Mode (Icon)



- Select the relevant R.C.Groups / Groups from R.C.Group / Group on “Monitor Mode” screen.
- ◆ The R.C.Groups / Groups become the selected state (blue).

1 Click “On” button.

- ◆ The indoor units start to operate under the preset conditions.

Note

When a password is set at “Operating Setting”, the password must be input.

1-1-11 Stopping (Off) operation of selected R.C.Groups / Groups

Monitor Mode (Icon)

- ◆ Select the relevant R.C.Groups / Groups from R.C.Group / Group operating on “Monitor Mode” screen.
- ◆ The R.C.Groups / Groups become the selected state (blue).

1 Click “Off” button.

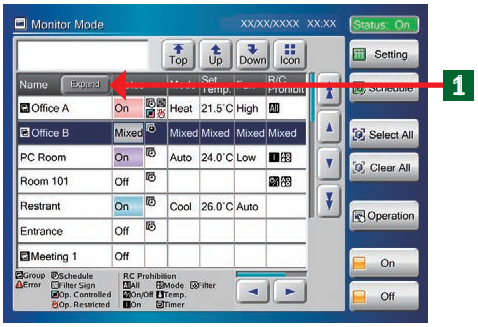
- ◆ Operation of the selected R.C.Groups / Groups stops.

Note

When a password is set “Operating Setting”, the password must be input.

1-1-12 Expanding the name display of R.C.Group / Group

Monitor Mode (List)



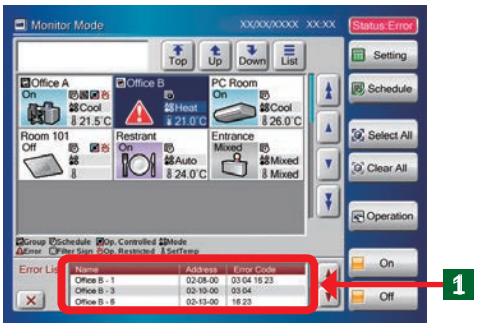
- When the name of the R.C.Group / Group is longer than the display area on “List” screen, expand the display frame to display the entire name.

1 Click “Expand” button.

- The name display frame is expanded and the entire name is displayed.
  To return the display to its original state, click “Reduce” button.

1-1-13 Checking the error list when an error occurs

Monitor Mode (Icon) / Error List

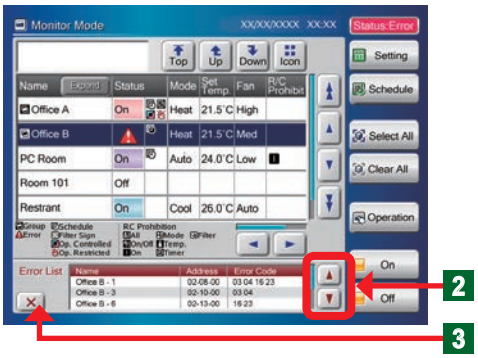


1 When an error occurs, “Error List” window opens at the bottom of monitor mode screen.

Note

The 3 items “Name”, “Address”, and “Error Code” are displayed in “Error List” window. The items are displayed in both “Icon” Display and “List” Display. However, if there is not even 1 error, “Error List” window is not displayed.

Monitor Mode (List) / Error List



2 When there is a display hidden at the top or bottom of “Error List” window, scroll the list display up or down by clicking “▲” or “▼” button.

3 To close “Error List” window, click “✕” button.

Monitor Mode (List) / Error List

4 When “Error List” button is clicked, “⚠” window is re-opened.

Note

“Error List” button is displayed when “Error List” window was closed.

- “Error List” button is continuously displayed until the error is resolved.

1-1-14 Selecting the R.C.Groups / Groups to be controlled

- **Control the R.C.Groups / Groups on “Monitor Mode” screen.**

Monitor Mode (Icon)

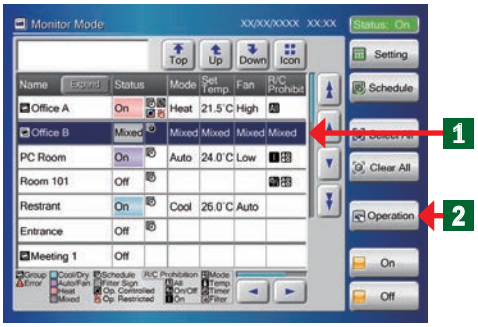
1 Select the relevant R.C.Groups / Groups from R.C.Group / Group operating on “Monitor Mode” screen.

◆ The R.C.Groups / Groups become the selected state (blue).

Note

When a password is set at “Operation Setting”, the password must be input.

Monitor Mode (List)



2 Click “Operation” button.

◆ “Operation Setting” screen opens.

2-1 Control

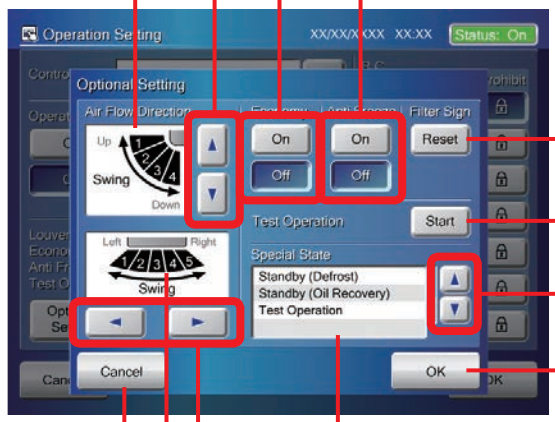
2-1-1 Main screens of Control

Operation Setting

"On/Off" button
Mode button
Control objective display
Set Temp. display
Controlled group name display button
Fan display
R.C. Prohibition button
"OK" button
Fan button
Set Temp. button
Operation Controlled*1
"Optional Setting" button
"Cancel" button

*1. Displays when operation mode is controlled by master unit.

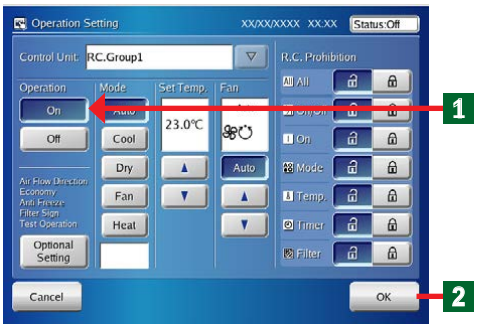
Optional Setting



Up/Down Swing setting display
Up/Down Swing setting button
"On/ Off" button
"On/ Off" button
"Reset" button
"Start" button
Special State screen display move (up/ down) button
"OK" button
Special State display
Left/Right Swing setting button
Left/Right Swing setting display
"Cancel" button

2-1-2 Setting operation On/Off

Operation Setting



1 Click “On” button.

- Operation start setting of the selected (blue) indoor units is performed. When “Off” button is clicked, operation stop setting is performed.

2 Click “OK” button.

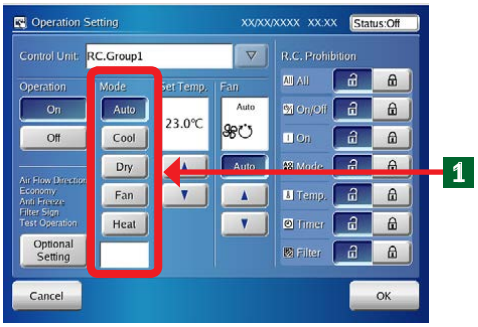
◆ The set contents are executed.

Note

When “▽” button at “Control Unit” on “Operation Setting” screen is clicked, selected R.C.Group / Group is displayed (When two or more "R.C.Group" and "Group" are selected, the operation can be performed.).

2-1-3 Setting the operation mode

Operation Setting



1 Click the mode button to be selected.

Note

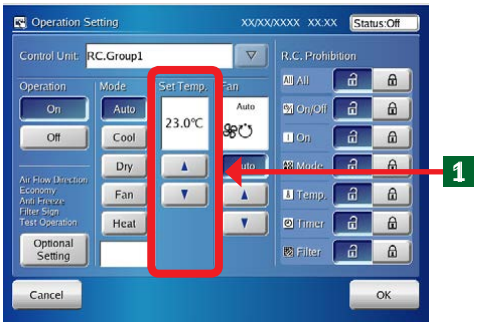
When the function does not exist at the objective unit, setting cannot be selected.
Buttons with their operation prohibited cannot be clicked.

Note

When “Operation Controlled” is displayed, there is no cooling and heating selection right.

2-1-4 Setting the temperature

Operation Setting



1 Select the set temperature using "▲" button" and "▼" button. Check the set temperature at the display section.

Note

When the "▲" button or "▼" button is pressed, Celsius display increases and decreases in 0.5°C steps and Fahrenheit display increases and decreases in 1°F steps.

Notes

Here, the settable temperature range is different for each operation mode.
For the settable temperature ranges, see "Setting settable temperature range".

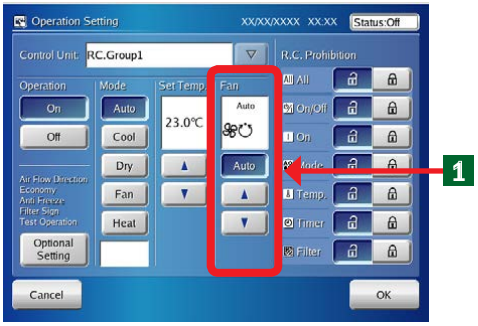
Temperature unit	Celsius (°C)	Fahrenheit (°F)
Set temperature (Auto, Cool, Dry)	18°C-30°C	64°F - 88°F
Set temperature (Heat)	10°C-30°C	48°F - 88°F

Note

The heating set temperature range of 10°C to 15°C (48°F to 58°F) may not be settable, depending on the indoor unit model.

2-1-5 Setting the fan (air flow)

Operation Setting



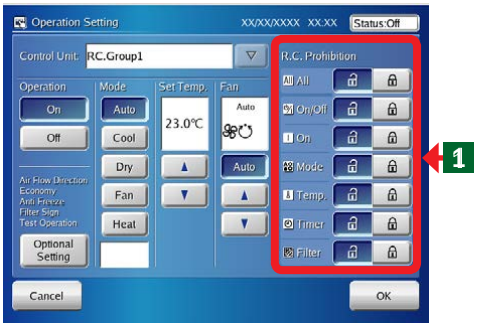
1 Set the fan (airflow) by using the "▲" button, "▼" button, and "Auto" button.

Note

In "Fan" operation section, airflow switching steps are different depending on the indoor unit type to be operated. For details, refer to the indoor unit operating manual.

2-1-6 Setting R.C. Prohibition

Operation Setting



- This setting centrally controls air conditioning equipment by prohibiting operation from the standard remote controllers connected to each R.C.Group / Group.

1 Select the control item whose operation from a remote controller is to be prohibited and click the button.

Note

The items which can be selected are the 7 items “All”, “On/OFF”, “On”, “Mode”, “Temp.”, “Timer”, and “Filter”.

Note

In a state that control item button cannot be pressed, there is no setting authority. Check with the manager.

Notes

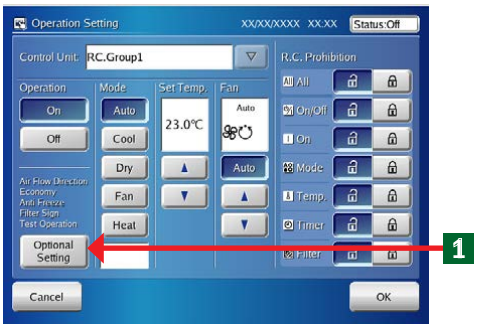
The function which can be set here has the following contents.

R.C. Prohibition	Contents
All	Operation of all control functions are enabled or disabled.
On/Off	“On/Off” operation is enabled or disabled.
On	“On” operation is enabled or disabled.
Temp.	“Temperature setting” operation is enabled or disabled.

R.C. Prohibition	Contents
Mode	“Operation mode setting” is enabled or disabled.
Timer	“Timer setting” operation of remote controller is enabled or disabled.
Filter	“Filter reset” operation is enabled or disabled.

2-1-7 Displays “Optional Setting” screen

Optional Setting

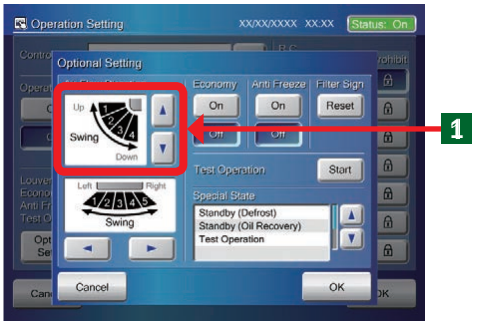


1 Click “Optional Setting” button.

◆ “Optional Setting” screen opens.

2-1-8 Setting “Air Flow Direction (up/down)”

Optional Setting



1 Set the up and down swing angle using “▲” button and “▼” button.

→ 1 ↔ 2 ↔ 3 ↔ 4 ↔ SWING ←

Note

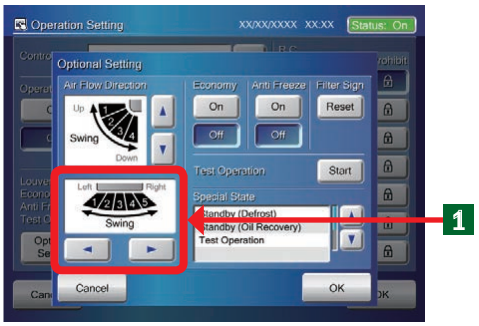
When the function does not exist at the objective unit, setting cannot be selected.

Note

4 swing angles (1 to 4) can be selected at “Up/Down Swing” operation section.

2-1-9 Setting “Air Flow Direction (Right/Left)”

Optional Setting



1 Set the right and left swing angle using “◀” button and “▶” button.

→ 1 ↔ 2 ↔ 3 ↔ 4 ↔ 5 ↔ SWING ←

Note

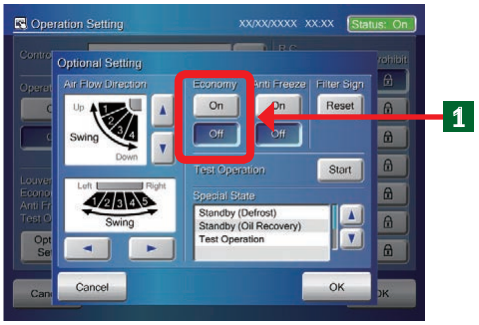
When the function does not exist at the objective unit, setting cannot be selected.

Note

5 swing angles (1 to 5) can be selected at “Right/Left Swing” operation section.

2-1-10 Setting “Economy” operation

Optional Setting



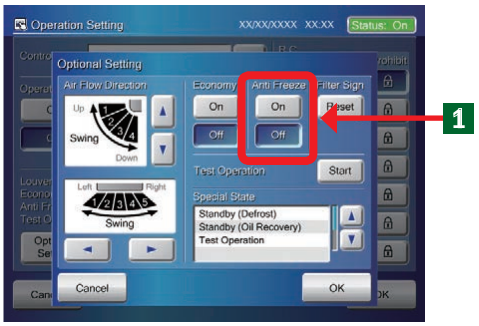
1 Click “On” button or “Off” button. “Economy” operation set/reset is performed.

Note

When the function does not exist at the objective unit, setting cannot be selected.

2-1-11 Setting “Anti Freeze” operation

Optional Setting



1 Click “On” button or “Off” button. “Anti Freeze” operation set/reset is performed.

Note

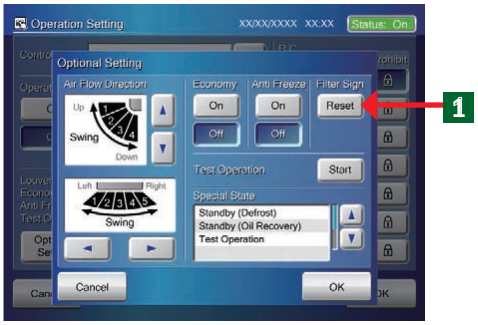
When the function does not exist at the objective unit, setting cannot be selected.

Note

Anti Freeze is a function that performs low temperature heating operation to prevent freezing of water lines and equipment, when air conditioning operation is off, in regions where outside temperature may drop below freezing.
If water lines are far from the unit or within exterior walls, this function may not provide enough anti freeze protection.

2-1-12 Resetting “Filter Sign”

Optional Setting



1 Click “Reset” button

Note

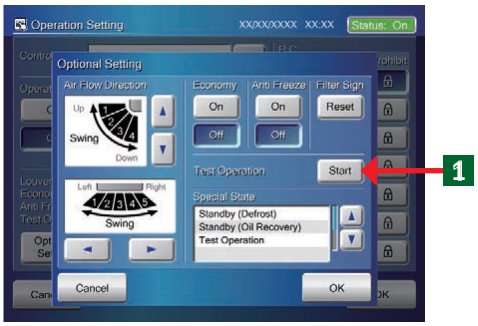
When the function does not exist at the objective unit, setting cannot be selected.

Note

”Filter Sign” indicates the air clean filter cleaning interval set at the indoor unit.
Reset the sign when the filter was cleaned.

2-1-13 Test operation

Optional Setting



1 Click “Start” button.

Note

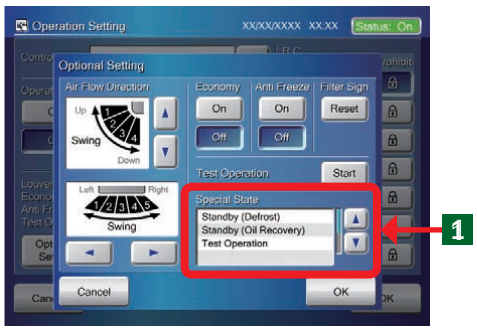
Test operation of the indoor unit selected at “Operation Setting” screen starts.

Notes

There are the following 2 methods of resetting test operation.
①Automatic reset when 60 minutes has elapsed.
②Reset when operation stop was performed.

2-1-14 Checking “Special State” of R.C.Groups / Groups

Optional Setting



1 The current special state of the system is displayed at “Special State” display section of “Optional Setting” screen.

Notes

The followings are displayed at “Special State” display section.

“Special State” display items	Contents
Stand by (Defrost)	Defrost operation
Stand by (Oil Recovery)	Oil recovery operation
Under Maintenance	System is in the maintenance mode and the equipment cannot be operated.
Master indoor unit	Indoor unit has the cooling and heating selection right.
Master controlled (indoor unit)	Indoor unit is controlled by an indoor unit with the cooling and heating selection right.
Outer controlled (indoor unit)	Indoor unit is controlled by an outdoor unit with the cooling and heating selection right.
Test Operation	Test operation
Mode Mismatch	Different mode
Automatic Addressing	Operates the automatic address function.

2-1-15 Ending setting of “Optional Setting” screen

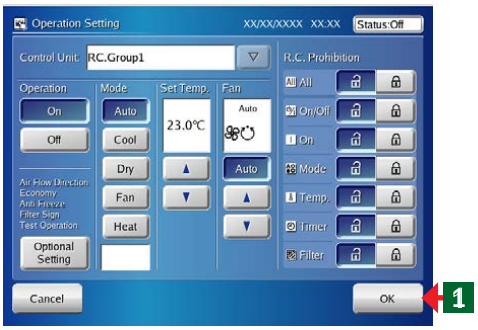
Optional Setting

1 If “Optional Setting” has ended, click “OK “button.

- The set operation is performed.
- ◆ “Optional Setting” screen closes.

2-1-16 Ending “Operation Setting”

Operation Setting

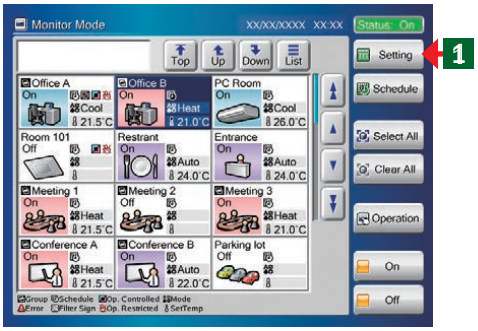


1 If “Operation Setting” has ended, click “OK “button.

- The set operation is performed.
- ◆ “Monitor Mode” screen opens.

2-1-17 Displaying “User Setting/ History” screen

Monitor Mode (Icon)



- Switch “Monitor Mode” screen to “User Setting/History” screen.

1 Click “Setting” button.

Note

When a password is not set at the access right to “User Setting/History”, operation goes directly to “User Setting/ History” screen.

User setting/ History password Verification

◆ “User setting/ History password Verification” keyboard screen opens.

2 Key in “User setting/ History password” to be registered.

User Setting/History

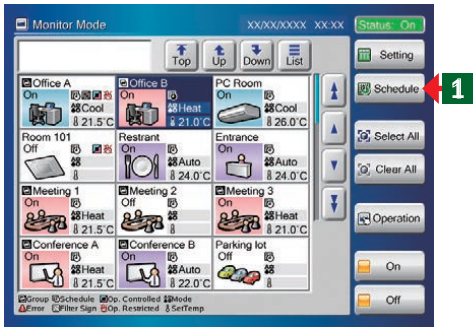
◆ “User Setting/History” screen opens.

Note

There are 3 menu buttons “System Setting”, “Preference”, and “History” in “User Setting/History” screen.

2-1-18 Displaying “Schedule Setting” screen

Monitor Mode (Icon)



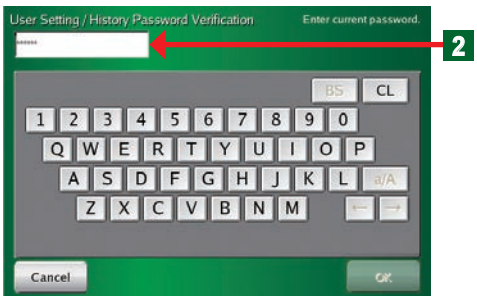
● Switch “Monitor Mode” screen to “Schedule Setting” screen.

1 Click “Schedule” button.

Note

When a password is not set at the access right to “Schedule Setting”, operation goes directly to “Schedule Setting” screen.

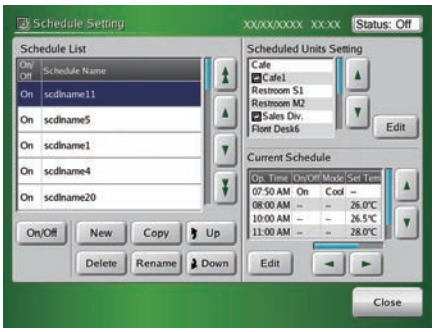
User Setting/ History Password Verification



◆ “User setting/ History password Verification” keyboard screen opens.

2 Key in “User setting/ History password” to be registered.

Schedule Setting



◆ “Schedule Setting” screen opens.

Note

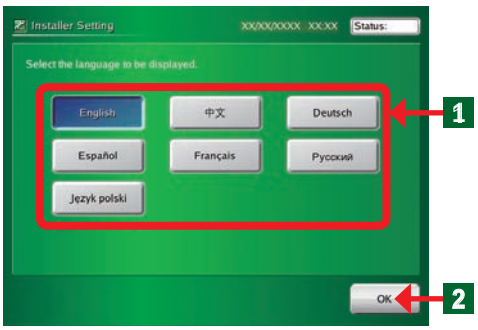
Use operation by yearly calendar, “Custom Day” operation and a variety of other schedule operations by using “Schedule Setting”.

- The display format of date and time differs depending on the "Date Format" and "Time Format" in the "Date and Time Setting".

3-1 Language setting

3-1-1 Start system initialization

Installer Setting (Language Setting)



- **Display language setting when indoor unit not registered.**
  - Turn on the touch panel controller power.
  - ◆ “Language Setting” screen of “Installer Setting” opens.

1 Click the language button to be selected.

2 Click “OK” button.

◆ “Time Zone Setting” screen opens.

Notes

- When shifted to the “Time Zone Setting” screen, switched to the screen of the selected display language.

Time Zone Setting

- **See “3-9 Time zone setting” for a detailed description of “Time Zone Setting”.**

Installer Setting

- **See “3-2 Date Setting” for a detailed description of “Date and Time Setting”.**

Notice

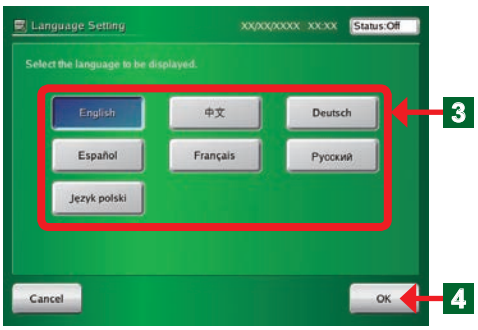
Perform initialization in the state in which all installation work is complete and the system can be started.
Perform installation work in accordance with the installation manual of the equipment to be installed.

3-1-2 After system initialization

User Setting / History

System Setting

Language Setting



- **Display language setting when indoor unit registered.**

1 Click “System Setting” button.

◆ “System Setting” screen opens.

2 Click “Language” button.

◆ “Language Setting” screen opens.

3 Click the language button to be selected.

4 Click “OK” button.

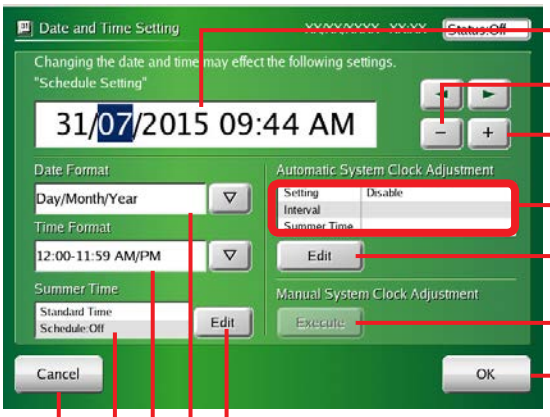
◆ “System Setting” screen opens.

Note

When shifted to the “System Setting” screen, switched to the screen of the selected display language.

3-2-1 Main screens of date setting

Date and Time Setting



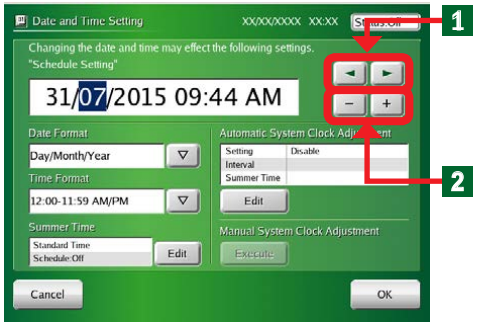
Settings set to the factory default. Perform initial setting.
"–" button
"+" button
Automatic System Clock Adjustment
"Edit" button
"Execute" button
"OK or Send" button
"Edit" button
Date Format
Time Format
Summer Time
"Cancel" button

Date and Time Setting (Automatic System Clock Adjustment)

"Disable" button
"Master" button
"Slave" button
Periodic updating date
"OK" button
"On" button
"Off" button
"Cancel" button

3-2-2 Setting the current date and time

Date and Time Setting



1 Select “item to be set” using “◀” and “▶” buttons.

2 To increment the set value, click “+” button.
To decrement the set value, click “–” button.

Note

The calendar covers the period up to the year 2037.

Note

When the time was set, the time count stops. Always check the set time.

3-2-3 Selecting the date display format

Date and Time Setting

1 1 Click “▽” button on “Date Format”.

◆ A display format list opens.

2 Click the display format to be selected.

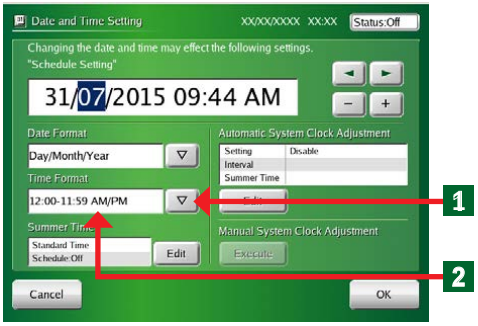
◆ Verify the selected display format at the screen.

Note

“Day/Month/Year”, or “Month/Day/Year”, “Year/Month/Day” can be selected.

3-2-4 Selecting the time display format

Date and Time Setting



1 Click “▽” button on “Time Format”.

◆ A display format list opens.

2 Click the display format to be selected.

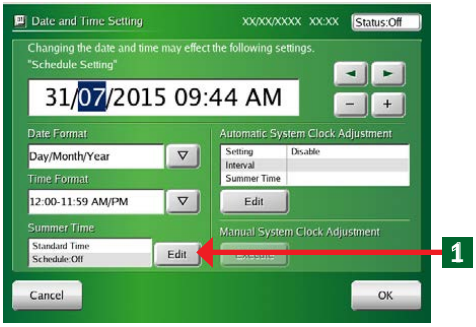
◆ Verify the selected display format at the screen.

Note

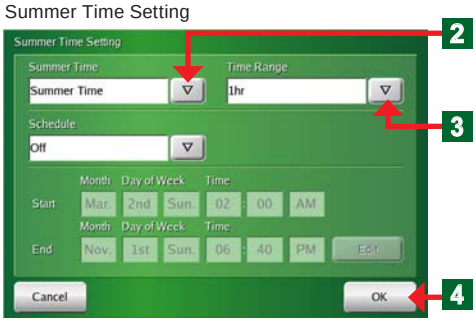
“12:00 - 11:59 AM/PM”, “00:00-11:59 AM/PM”, or “0:00-23:59” can be selected.

■When setting the summer time manually

Date and Time Setting



Summer Time Setting



1 Click ”Edit” button on "Summer Time".

◆ "Summer Time Setting" screen opens.

2 Click “▽” button on "Summer time".
When item list opens, select the "Summer time".

Note

See the table shown below for the items which can be selected.

Item	Display contents
Summer time	Displays the time put forward by "Time Range" hours from the current time.
Standard time	Displays the current time.

3 Click “▽” button on "Time Range". Then, click the adjusting time you want to select.

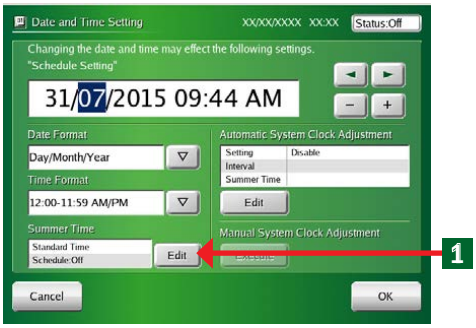
Note

One of the times can be selected from 4 items of "0.5hr", "1hr ", "1.5hr", or "2hr".

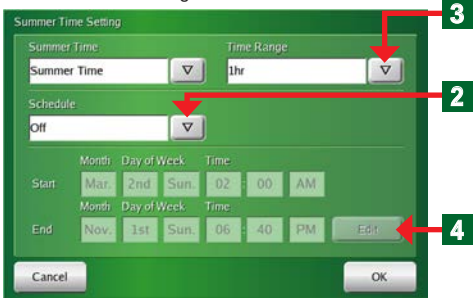
4 When the setting is complete, click "OK" button.

■When setting the summer time automatically

Date and Time Setting

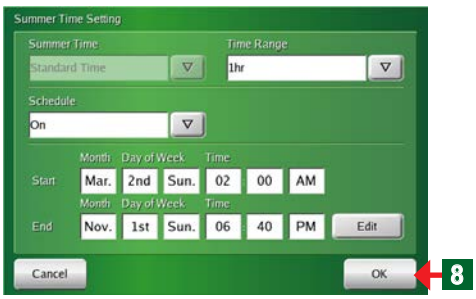


Summer Time Setting



Summer Time Setting (Schedule)

Summer Time Setting



1 Click ”Edit” button on "Summer Time".

◆ "Summer Time Setting" screen opens.

2 Click “▽” button on "Schedule".
When item list opens, select the "On".

3 Click “▽” button on "Time Range". Then, click the adjusting time you want to select.

Note

One of the times can be selected from 4 items of "0.5hr", "1hr ", "1.5hr", or "2hr".

4 Click "Edit" button on the Date setting display in the "Schedule".

◆ "Schedule" screen opens.

5 Set "Month", "Day of week", and "Time" in "Start" using “▲” button or “▼” button.

6 Set "Month", "Day of week", and "Time" in "End" using “▲” button or “▼” button.

7 When the setting is complete, click "OK" button.

◆ Schedule" screen closes.

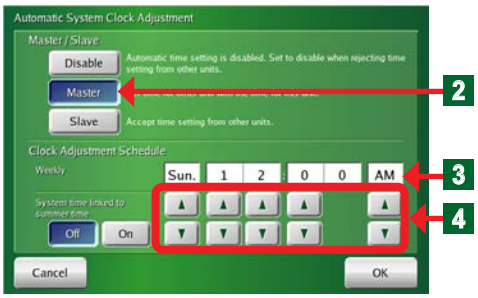
◆ "Standard Time" and "Summer Time " are switched automatically according to the set schedule.

8 When the setting is complete, click "OK" button.

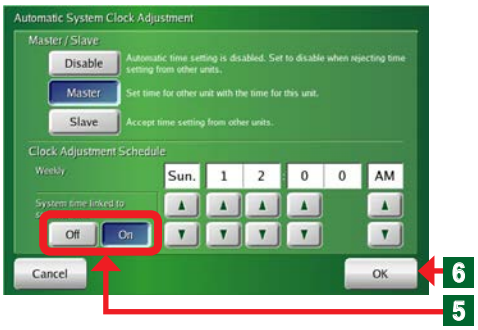
3-2-6 Setting Automatic System Clock Adjustment.

Date and Time Setting

Date and Time Setting (Automatic System Clock Adjustment)



Date and Time Setting (Automatic System Clock Adjustment)



- **Setting which adjusts the time display of the equipment inside the system**

1 Click “Edit” button on “Automatic System Clock Adjustment”.

◆ “Automatic System Clock Adjustment” screen opens.

2 Click the appropriate button from among “Disable”, “Master” and “Slave” buttons.

Notes

Disable: Automatic clock adjustment function is not performed.
Unaffected by the master clock setting.

Master: Master unit automatic clock adjustment setting
Sets the clock of other units to match the master unit clock.

Slave: Corrected to match the master unit clock by automatic clock adjustment.
“Master” is setting of 1 unit in the system.

*“Master” is a unit in the system and becomes setting of 1 unit.

3 “Date of Week” and “Time” set by the automatic system clock adjustment are displayed.

◆ When Master was set, perform the setting shown below.

4 Set “Date of Week” and “Time” which perform the automatic system clock adjustment using the “▲” and “▼” buttons.

5 When linking to “Summer time schedule”, click "On" button on "System time linked to summer time"

6 At the end of setting, click “OK” button.

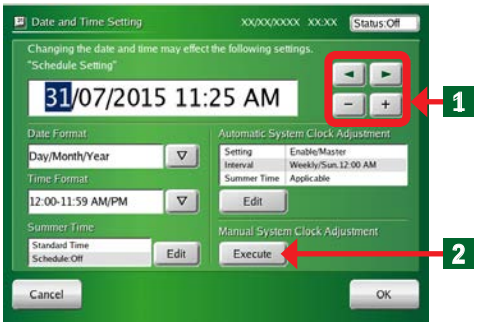
◆ “Automatic System Clock Adjustment” screen closes.

Notice

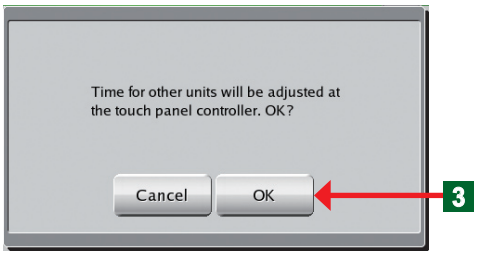
- Time setting precaution:When the clock is adjusted automatically, specify a time late at night, etc. when operation is not performed and the timer is not operating.

3-2-7 Adjusting the system clock manually

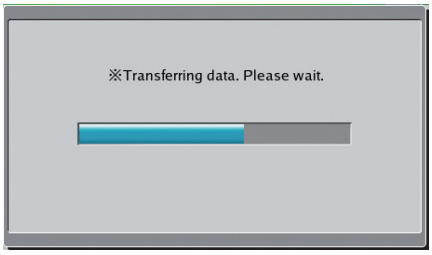
Date and Time Setting



Manual System Clock Adjustment



Transferring Data Screen



- **When you want to execute time setting immediately at that point**

1 Move to the setting area using the arrow buttons and change the time using "+" and "–" buttons.

2 After changing the time, click "Execute" button.

Notice

This function is effective only when "Master" of "Master/Slave" setting of "Automatic System Clock Adjustment" screen is set.

◆ "Manual System Clock Adjustment" confirmation screen opens.

3 Click "OK" button.

◆ "Transferring Data" screen opens.

◆ At the end of transmission, "Transferring Data" screen closes.

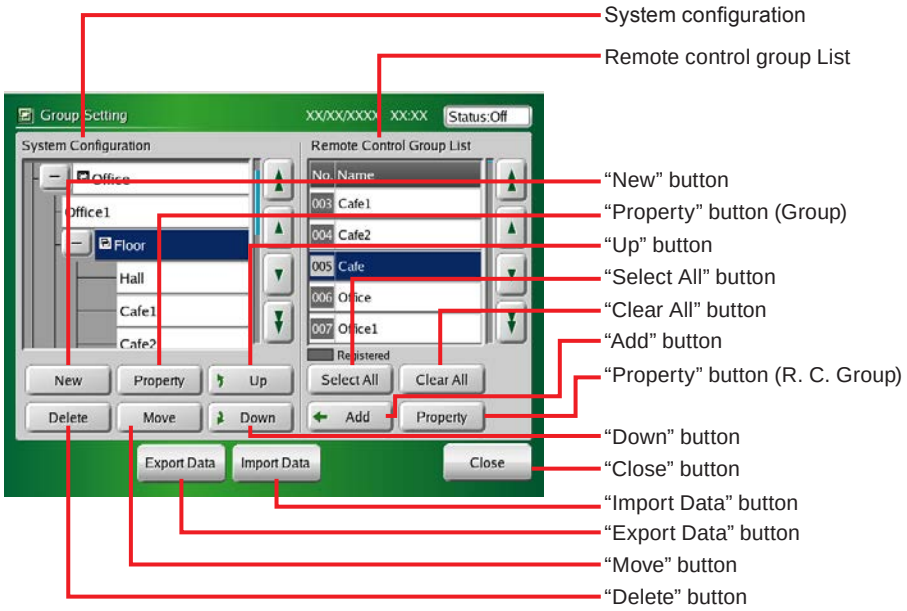
Notes

When the time is changed while set to "Master" at the "Automatic System Clock Adjustment" screen, the "OK" button of the "Date and Time Setting" screen changes to the "Send" button.
When the "Send" button is clicked, the time is entered and the "Manual System Clock Adjustment" screen opens.

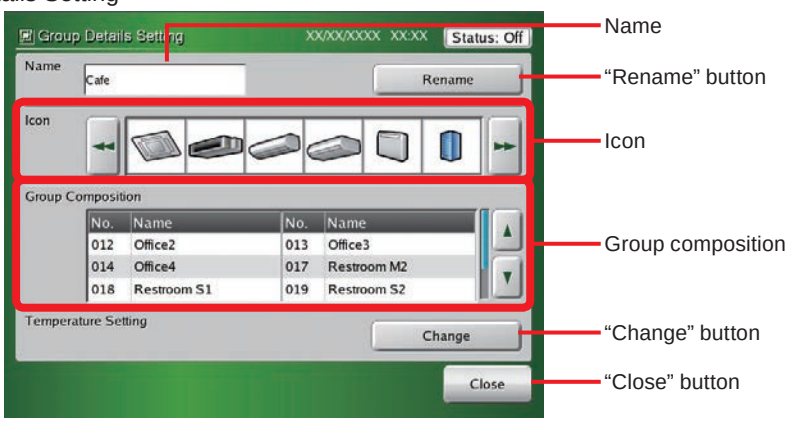
- Group setting precaution:
  Group setting changes also affect the groups registered at schedule setting and the name and composition of the remote controller groups. When group setting was changed, check the schedule setting.

3-3-1 Main screens of Group Setting

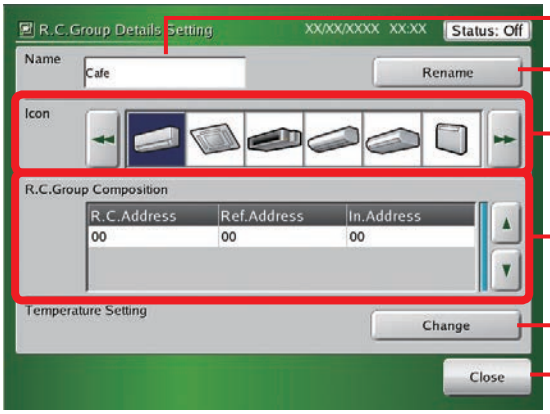
Group Setting



Group Details Setting



Remote Controller Group Details Setting



Name

"Rename" button

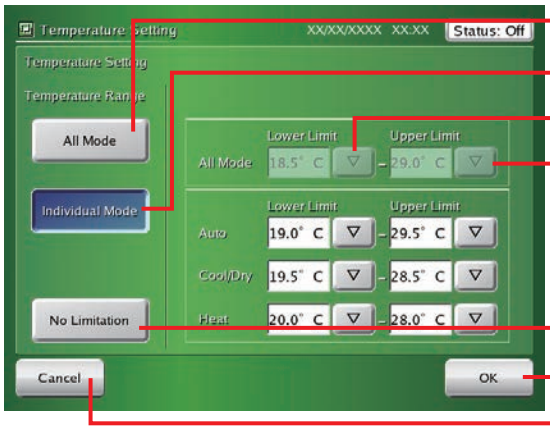
Icon

R.C.Group Composition

"Change" button

"Close" button

Temperature Setting



"All Mode" button

"Individual Mode" button

"Lower Limit" button

"Upper Limit" button

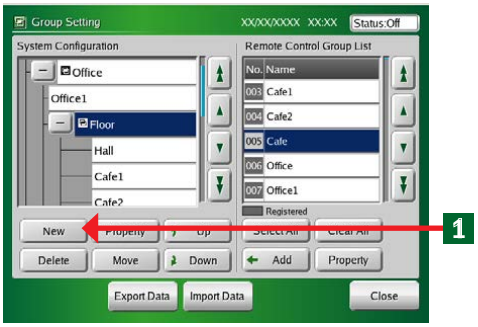
"No Limitation" button

"OK" button

"Cancel" button

3-3-2 Setting a new group

Group Setting

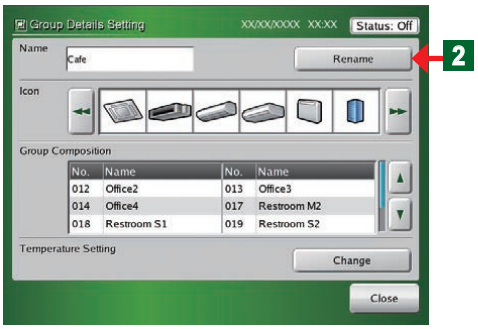


- **Creating a Group**

1 Click “New” button after selecting “Top” or “Group” on “System Configuration” display.

◆ “Group Details Setting” screen opens.

Group Details Setting



Group Name

Notes

- Group hierarchy can be composed up to 3 hierarchies. The number of group compositions is up to 400 groups including all hierarchies.
- Up to 800 remote controller groups can be registered at group composition.

Group composition:

- The group composition is displayed. When a group is set, that group composition is displayed.
- The default is “Top” groups only.

Remote controller group:

- All the remote controller groups registered at the touch panel controller are displayed.
- For remote controller groups already registered at a group, the list No. area is displayed by hatching as registered display.

2 Click “Rename” button.

◆ “Group Name” screen opens.

3 Key in “New Group Name” or click “▽” button and select “New group name” from the pull-down list.

Notes

Keyboard operation method:

- When “▽” button on the keyboard is pressed, a list appears and the type of characters is displayed.
- When “a/A” button is pressed, upper case characters/ lower case characters is switched.
- When “Space” button is pressed, a space is inserted.
- When “←” or “→” button is pressed; the character input position is changed.
- When “BS” button is clicked; 1 character being input is deleted.
- When “CL” button is clicked; all the characters being input are deleted.

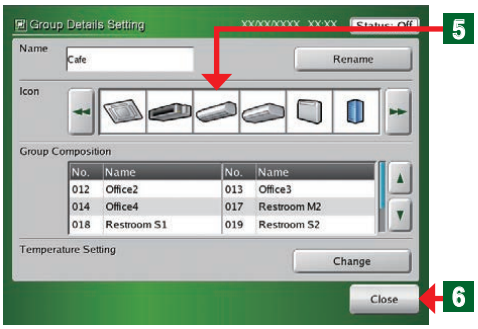
Notes

- Up to 12 characters can be entered.
- Characters exceeding “Display Range” may not be displayed, depending on the screen.

4 Click “OK” button.

◆ “Group Details Setting” screen opens.

Group Details Setting



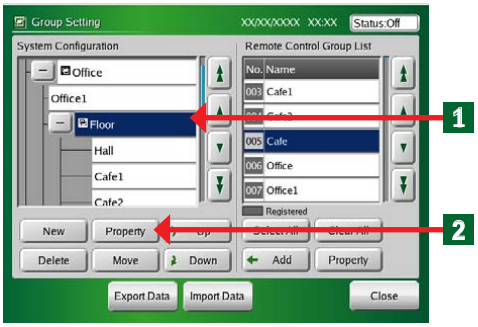
5 Select by clicking the icon displayed on the monitor. Switch the display using “◀◀” and “▶▶” buttons.

6 Click “Close” button.

◆ “Group Setting” screen opens.

3-3-3 Changing the setting of a group or remote controller group

Group Setting



- **Change a group setting.**

1 Click the group whose setting you want to change at "System Configuration" display.

2 Click "Property" button.

◆ "Group Details Setting" screen opens.

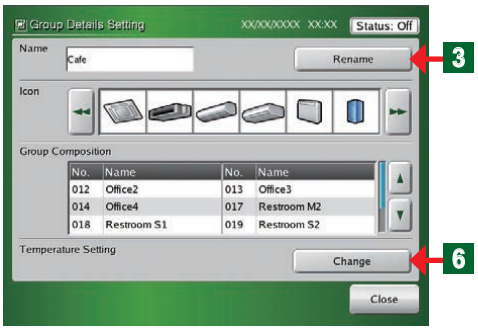
Note

When a remote controller group is selected, "Property" button of "System Configuration" display cannot be selected.

Notice

Note that when a group setting is changed, the schedule setting is also affected.

Group Details Setting



- **Change a group name**

3 Click "Rename" button.

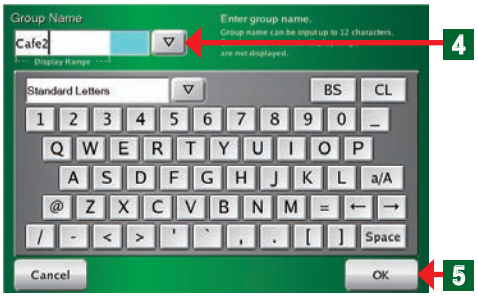
◆ "Group Name (Rename)" screen opens.

4 Key in "Group name" or click "▽" button and select "Group name" from the pull-down list.

Notes

- Up to 12 characters can be entered.
- Characters exceeding "Display Range" may not be displayed, depending on the screen.

Group Name (Rename)



5 Click "OK" button.

◆ "Group Name (Rename)" screen closes.

Note

To abort the change, click "Cancel" button.

Group Name (Change Group Name)

- **Indoor unit upper/lower limit temperature setting change**

◆ The settable temperature range of the indoor units registered in a group is restricted.

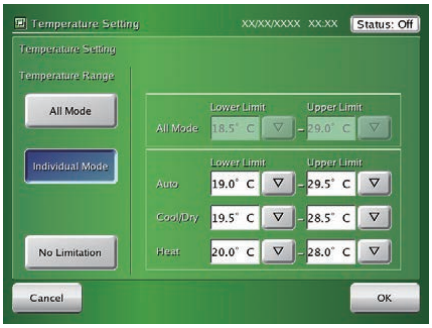
6 Click "Change" button.

Indoor unit upper and lower limit temperatures setting change

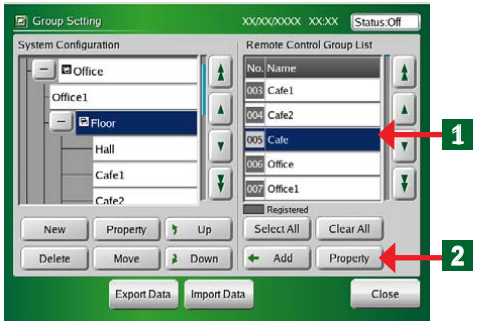
See par. "3-6-17" for a description of the setting method.

*When "OK" button is pressed after the end of setting, the display returns to "Group Details Setting" screen.

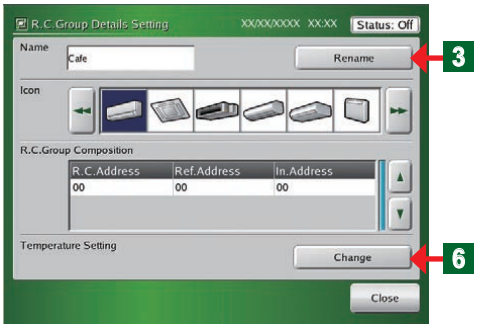
Temperature Setting



Group Setting

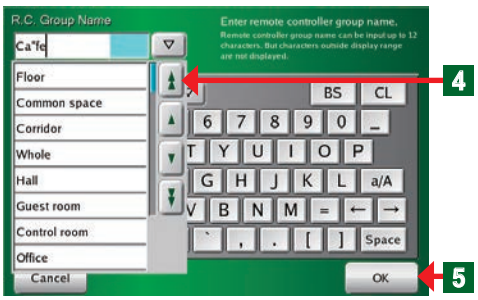


Remote Controller Group Details Setting



R.C. Group Name (Rename)

R.C. Group Name (Change Group Name)



Notes

- Set the upper and lower limit temperatures settings to the registered indoor unit.
  *The temperature settings from the Standard Remote Controllers are restricted.
- When the display is blue, the setting value from touch panel controller is displayed. When the display is white, the monitoring value from the indoor unit is displayed.
- When inappropriate setting is performed, the values are displayed in red. The displayed contents are not effective. Enter them again.
- Only lower limit or upper limit setting cannot be determined. Determine the set contents after entering both values.
- **See par. “3-6-17” for setting the upper and lower limit temperatures settings from the touch panel controller main unit.**

● Change the setting of a remote controller group

1 Click the remote controller group whose setting you want to change from “Remote Control Group List”.

2 Click “Property” button at “Remote Control Group List” side.

Note

When a remote controller group is not selected or multiple remote controller groups are selected at “Remote Control Group List”, “Property” button on “Remote Control Group List” cannot be clicked.

◆ “Remote Control Group Details Setting” screen opens.

● Change a remote controller group name

3 Click “Rename” button.

◆ “R.C. Group Name (Rename)” screen opens.

4 Key in “Remote Controller Name” or click “▽” button and select “Remote Controller Name” from the pull-down list.

Notes

- The number of characters which can be input is 12 characters.
- Characters exceeding the range of “Display Range” may not be displayed, depending on the screen.

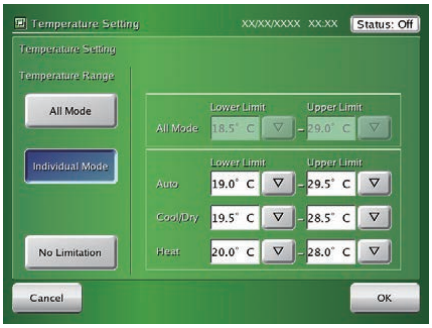
5 Click “OK” button.

◆ “R.C. Group Name (Rename)” screen closes. “Remote Controller Name” is changed.

Note

To abort the change, click “Cancel” button.

Temperature Setting



- **Indoor unit upper/lower limit temperature setting change**
  - ◆ The selected settable temperature range of the indoor units is restricted.

6 Click “Change” button.

Indoor unit upper and lower limit temperatures setting change

See par. “3-6-17” for a description of the setting method.

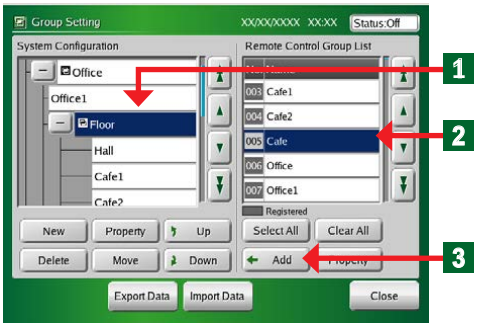
*When “OK” button is pressed after the end of setting, the display returns to “R.C. Group Details Setting” screen.

Notes

- Set the upper and lower limit temperatures settings to the registered indoor unit.
  *The temperature settings from the Standard Remote Controllers are restricted.
- When the display is blue, the setting value from touch panel controller is displayed. When the display is white, the monitoring value from the indoor unit is displayed.
- When inappropriate setting is performed, the values are displayed in red. The displayed contents are not effective. Enter them again.
- Only lower limit or upper limit setting cannot be determined. Determine the set contents after entering both values.
- **See par. “3-6-17” for setting the upper and lower limit temperatures settings from the touch panel controller main unit.**

3-3-4 Adding a remote controller group to a group

Group Setting



1 Click the group to which the remote controller group is added from “System Configuration”.

- ◆ The selected display becomes blue.

2 Click the remote controller group to be added from “Remote Control Group List”

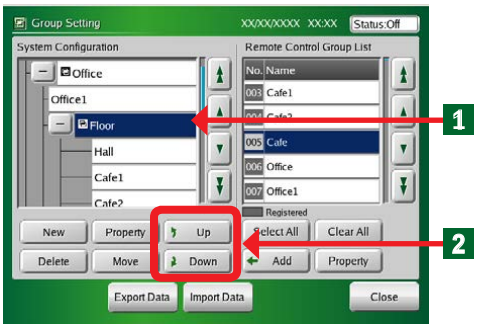
- ◆ The selected display becomes blue.

3 Click “Add” button.

- ◆ “Remote Controller Group” is added to the group selected at “System Configuration” display.

3-3-5 Moving a group or remote controller group within the same group

Group Setting



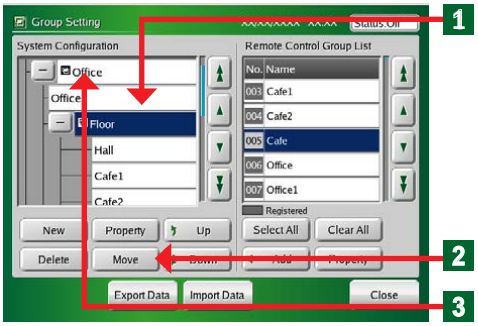
1 Click the group or remote controller group you want to move from “System Configuration” display.

- ◆ The selected group or remote controller group display becomes blue.

2 Click “ Up” button or “ Down” button.

3-3-6 Moving a group or remote controller group to a different group

Group Setting



1 Click the group or remote controller group you want to change from “System Configuration” display.

◆ The selected display becomes blue.

2 Click “Move” button.

◆ The group or remote controller group selected at step **1** is selected and displayed.

3 Click the move destination group position.

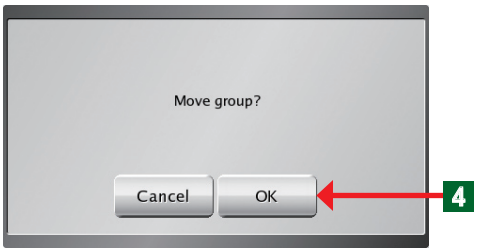
Note

A group of up to 2 hierarchies can be created. The 3rd hierarchy is the remote controller group only.

Notes

Display the list hidden at the group configuration display by scrolling the screen up and down using the “⏫”, “▲”, “▼”, and “⏬” buttons.

Move Confirmation Screen



Notes

Canceling a move

① Click “Move” button again.

② Click the same group or remote controller group.

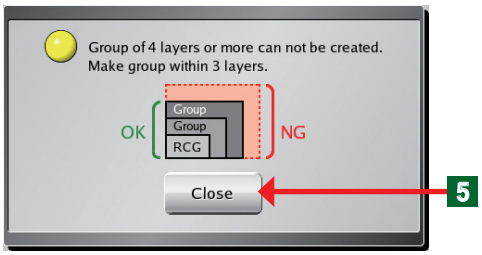
◆ “Move confirmation” screen opens.

4 When “OK” button is clicked, the group moves.

- **NG:**

◆ “Group Hierarchy exceeded” screen opens.

Group Hierarchy exceeded Screen

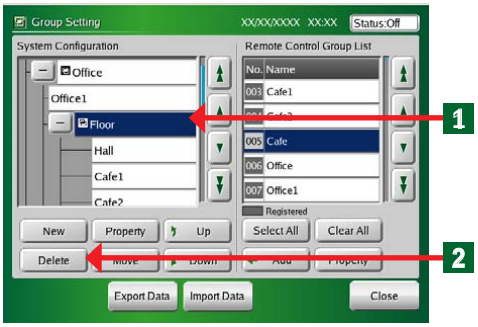


5 Click “Close” button.

◆ “Group Hierarchy exceeded” screen closes.

3-3-7 Deleting a group or remote controller group

Group Setting



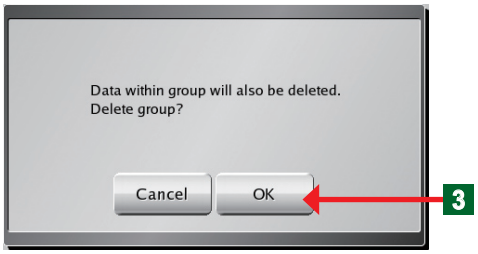
1 Click the group name you want to delete from “System Configuration” display.

◆ The selected display becomes blue.

2 Click “Delete” button.

◆ “Deletion confirmation” screen opens.

Deletion Confirmation Screen



3 If it's alright to delete the group, click "OK" button.

◆ Deleted "Group Name" disappears from the screen.

Notice

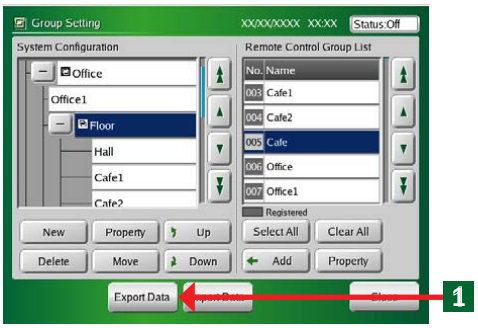
When the group is deleted, all the configurations in the group are also deleted.

Note

When "Remote Controller Group" was selected, the group is deleted without opening "Deletion confirmation" screen.

3-3-8 Exporting the group composition list file to external memory

Group Setting



- Connect a USB memory to the external memory terminal.

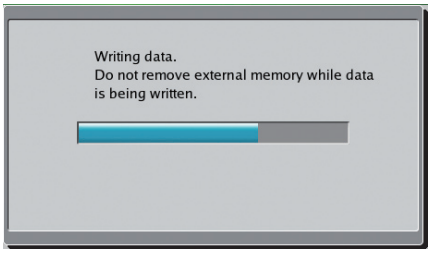
1 Click "Export Data" button

◆ "Exporting USB" screen opens.

Note

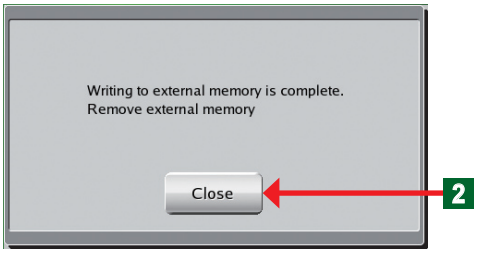
The file name is exported in "Gr, date, time" form.

Exporting USB Screen



◆ "USB Exporting complete" screen opens.

USB Exporting Complete Screen3

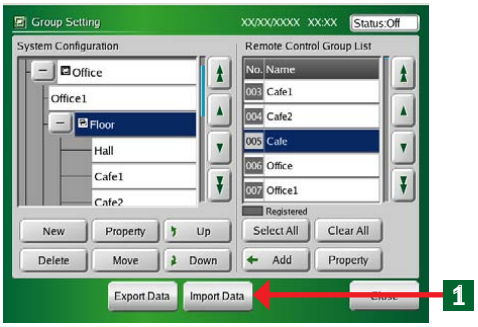


2 Click "Close" button.

- Disconnect the USB memory from the external memory terminal.

3-3-9 Importing group composition list file from external memory

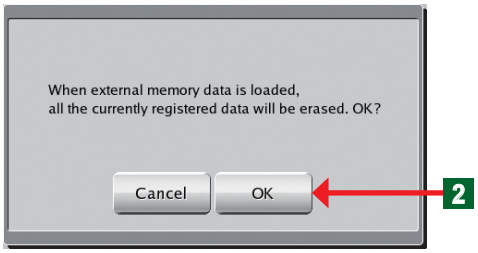
Group Setting



- Connect the USB memory to the external memory terminal.

1 Click "Import Data" button.

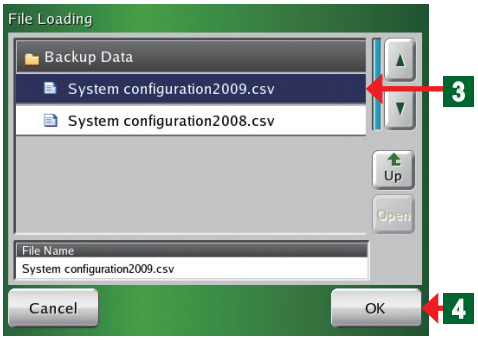
Importing Confirmation Screen



◆ “Importing” confirmation screen opens.

2 Click “OK” button.

File Loading

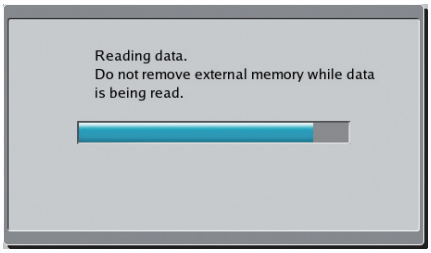


◆ “File Loading” screen opens.

3 Select the file to be imported.

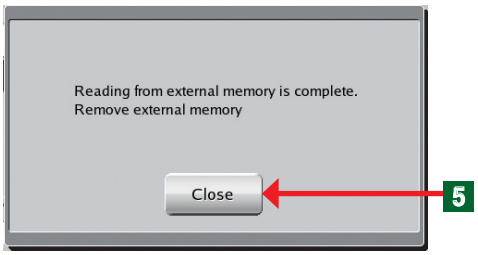
4 Click “OK” button.

Importing USB Screen



◆ “Importing USB” screen opens.

Importing USB complete Screen



◆ “Importing USB complete” screen opens.

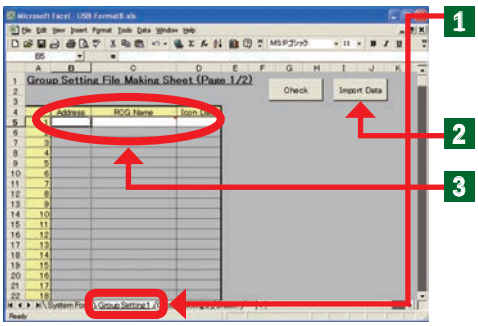
5 Click “Close” button.

- Disconnect the USB memory from the external memory terminal.

3-3-10 Editing a group configuration file of the touch panel controller by PC

●“Group configuration file” is exported to USB memory by “Export Data” button on “Group Setting” screen of the touch panel controller.

- “Group Setting File Making Sheet” is opened on the computer.



1 Click “Group Setting 1” sheet tab.

- Connect the USB memory to the PC.

2 Click “Import data” button.

3 Select the file to be imported at “Group Setting 1” sheet.

Notice

When editing at the File Making Sheet and importing the data to the touch panel controller, pay attention to the following points.
Since the registered indoor unit data is overwritten and the following data are changed when data is imported, confirm the data again.

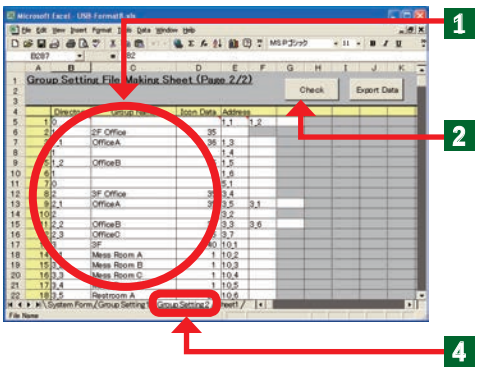
- Schedule data (unit setting)

Notice

In the following case becomes NG when data is imported to the touch panel controller even when Check on the File Making Sheet above is OK.

- When the imported data contains the address of a remote controller group that does not exist in the touch panel controller

Group Setting 1



- The RC groups registered at the touch panel controller are displayed at the Group Setting 1.

1 Edit the 3 contents “Address”, “RCG Name”, and “Icon Data”.

Notes

Contents which can be set

Refrigerant Circuit Address	Enters the refrigerant system address (0-99).
Indoor Unit Address	Enters the indoor unit address (0-63).
RCG Name	Enter the remote controller group name within 12 characters.
Icon Data	Enter the icon number (0-99) selected from the icon list.

Notes

Address input

	A	B	C
1	Group Setting File Making Sh		
		Address	RCG Name
5	1	0_0	Cafe
6	2	0_1	Cafe
7	3	1_5	Restaurant

Refrigerant Address

Indoor Unit Address

Note:
1) A “_” (underbar) is necessary between Refrigerant Address and Indoor Unit Address.
2) Only half-size characters can be input.

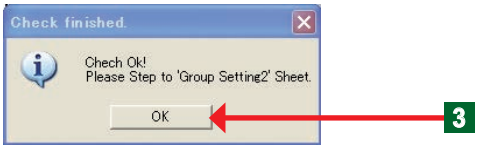
2 At the end of all editing, click “Check” button.

Notes

When “Check” button was clicked, whether or not there is an error in the entered address is automatically checked and an error is generated. If there are no errors, the file is output.

Error message	Problem point
Entered data error. Address is duplicated. Enter correct data.	Address is duplicated.
Entered data error. The address is blank or 400 or more are entered. Enter correct data.	Address is blank or 400 or more.
Entered data error. RCG Name is 12 or more characters. Enter correct data.	RCG Name is 12 characters or more.
Entered data error. Blank or a number other than 0-99 is entered at Icon Data. Enter correct data.	Icon Data is blank or a number other than 0-99 was entered.
Entered data error. The format of address is different. Enter correct data.	The address format is incorrect.

Check finished

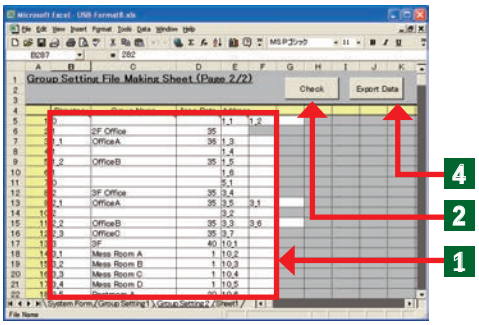


◆ “Check finished” screen is opened and the message is confirmed.

3 Click “OK” button.

4 Select “Group Setting 2” sheet tab.

Group Setting 2



- At “Group Setting 2”, the group created by touch panel controller group setting is displayed.

1 Edits the 4 items “Directory”, “Group Name”, “Icon Data”, and “Address”.

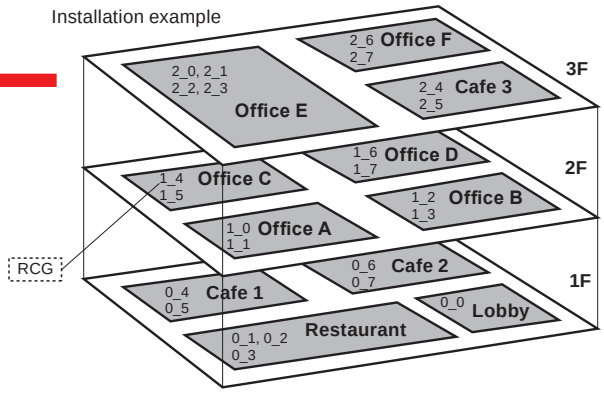
Notes

Directory	Means hierarchy. Denoted by ① or ①_②. ① means 1st hierarchy and ② means 2nd hierarchy. ①:1st hierarchy group No. “0”:Top “1 to 400”:Group No. ②:2nd hierarchy group No. “①_1 to 400”:Group No. *Hierarchy is up to 2 hierarchies. *The total number of groups is up to 400 groups.
Group Name	This is the group name. Up to 12 characters can be input. *Group name is unnecessary at 0. *When the 1st hierarchy “Directory” No. is duplicated, only the highest order “Directory” group name is entered.
Icon Data	This is the group display icon No. Icon Nos. 0-99 are entered. *Icon No. is unnecessary at 0. *When the 1st hierarchy “Directory” No. is duplicated, only the highest order “Directory” icon No. is entered. *Reference from the icon table of the separate sheet.
Address	This is the address of the RCG configured at group. *Only the RCG address used by “Group Setting 1” can be entered. *RCG addresses cannot be duplicated in the same group.

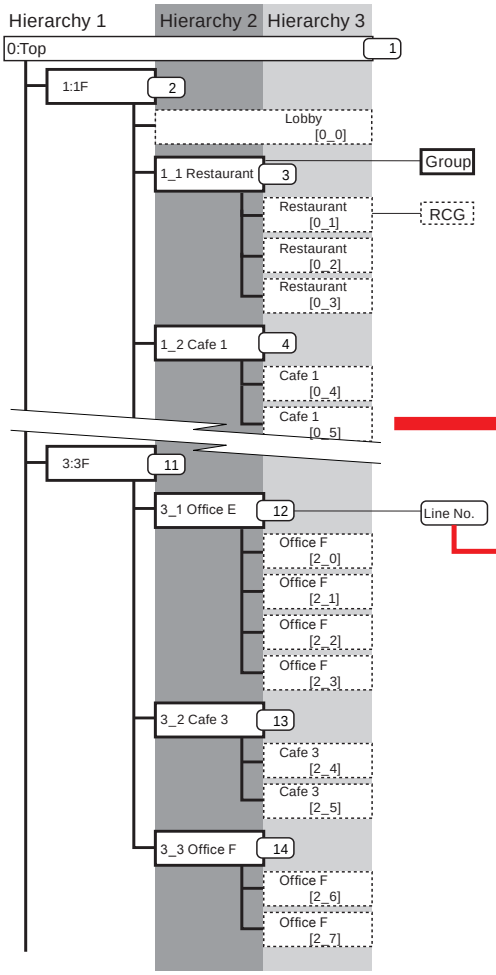
Example of data creation at Group Setting 2.

1) Create Group Setting2 data based on the example of installation to a 3 story building like that shown in the figure at the right.

Installation example



2) The management configuration of the figure below creates data at Group Setting 2 at the right.



3) Creation data from Group Setting 2

Group Setting File Making Sheet (Page 2/2)

	Directory	Group Name	Icon Data	Address		
1						
2		1F	8	0_0		
3	_1	Restaurant	67	0_1	0_2	0_3
4	_2	Café 1	52	0_4	0_5	
5	_3	Caffe 2	52	0_6	0_7	
6		2F	8			
7	_1	Office A	9	1_0	1_1	
8	_2	Office B	9	1_2	1_3	
9	_3	Office C	9	1_4	1_5	
10	_4	Office D	9	1_6	1_7	
11		3F	8			
12	_1	Office E	9	2_0	2_1	2_2
13	_2	Café 3	52	2_4	2_5	
14	_3	Office F	9	2_6	2_7	
15						

Notes

Data creation rules (NG example)

- 0 cannot be set in a group.

Directory	Group Name	Icon Data	Address	
0				
1	1F	8	0_0	
1_1	Restaurant	65	0_1	0_2
0				
1_2	Cafe 1	52	0_4	0_5

- Different groups cannot be mixed and set.

Directory	Group Name	Icon Data	Address	
0				
1	1F	8	0_0	
1_1	Restaurant	65	0_1	0_2
2_1	Office A	9	1_0	1_1
1_2	Cafe 1	52	0_4	0_5

- A 1st hierarchy group must be set first. (A 2nd hierarchy cannot be set if there is no 1st hierarchy.)

Directory	Group Name	Icon Data	Address	
0				
2_3	Office A	9	1_0	1_1
2_1	Office B	9	1_2	1_3
2	2F	8		
2_2	Office C	9	1_4	1_5

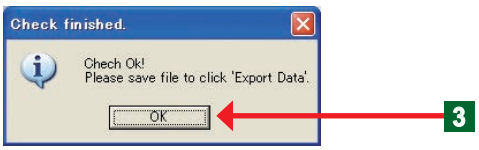
2 When all editing is ended, click “Check” button.

Notes

When “Check” button was clicked, if there is an error in the entered data, an error is generated.
If there are no errors, the Check OK screen is displayed.

Error message	Problem point
Entered data error. Group name is 12 or more characters.Enter correct data.	Group name is 12 or more characters.
Entered data error. Blank or a number other than 0-99 is entered at IconData.Enter correct data.	Blank or a number other than 0-99 is entered at Icon Data.
Entered data error. Data entered at Address is not entered at "Group Setting1"sheet. Enter correct data.	Do not enter data entered at Address at “Group Setting 1” sheet.
Entered data error. Blank or a number other than 1-400 is entered at Directory. Enter correct data.	Blank or a number other than 1-400 is entered at Directory.
Entered data error. Address is duplicated in the same Group. Enter correct data.	Address is duplicated in the same group.
Entered data error. Directory is duplicated in second hierarchy. Enter correct data.	Directory is duplicated at 2nd hierarchy.
Entered data error. The format of Directory is different. Enter correct data.	Directory format is incorrect.

Check finished

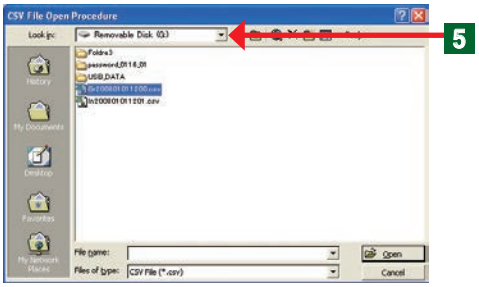


◆ “Check finished” screen is opened and the message is confirmed.

3 Click “OK” button.

4 Click “Export Data” button.

◆ A save destination window opens.

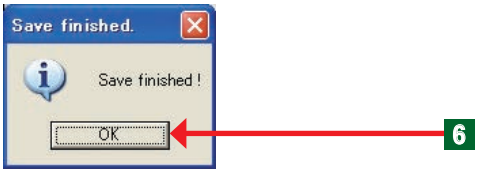


5 Select USB memory.

Notes

To import by touch panel controller, always output and save the file by “Export Data”.

Save finished

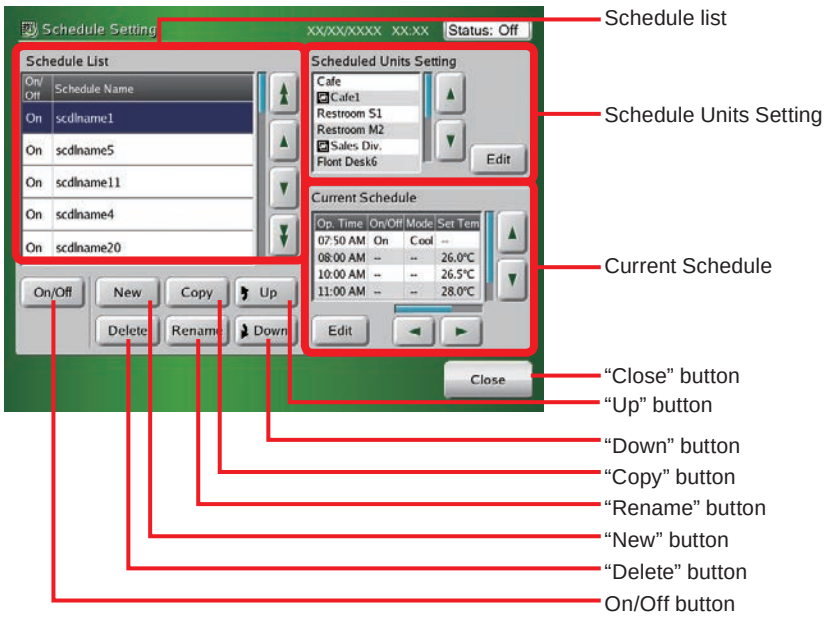


6 Click “OK” button.

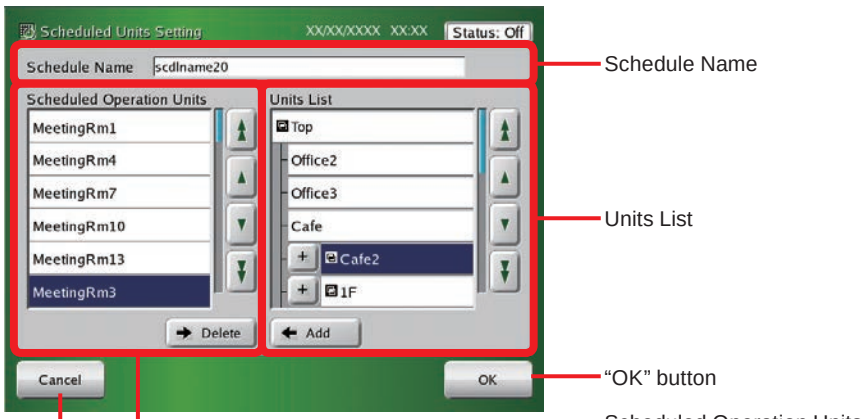
◆ “Save finished” screen closes.

3-4-1 Main screens of Schedule Setting

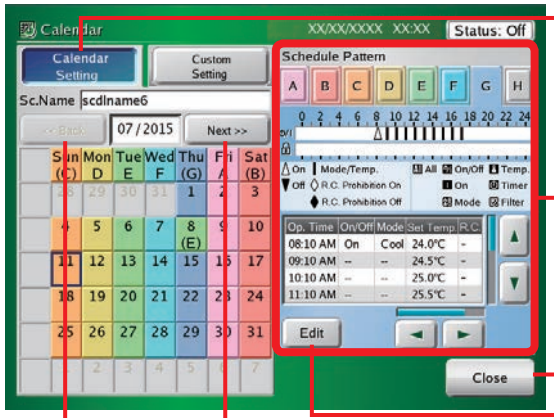
Schedule Setting



Schedule Units Setting

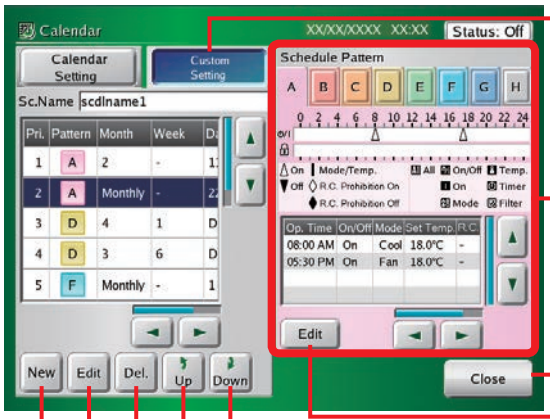


Calendar (Calendar Setting)



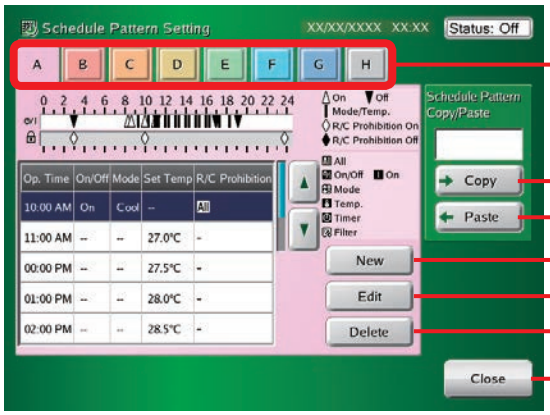
"Calendar Setting" button
Schedule Pattern
"Close" button
"Edit" button
"Next" button
"Back" button

Calendar (Custom Setting)



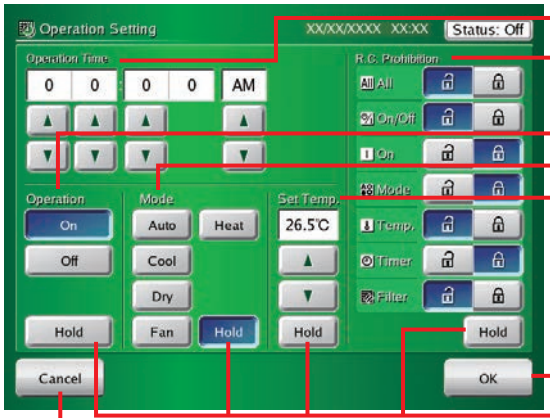
"Custom Setting" button
Schedule Pattern
"Close" button
"Edit" button
"Down" button
"Up" button
"Del" button
"Edit" button
"New" button

Schedule Pattern Setting



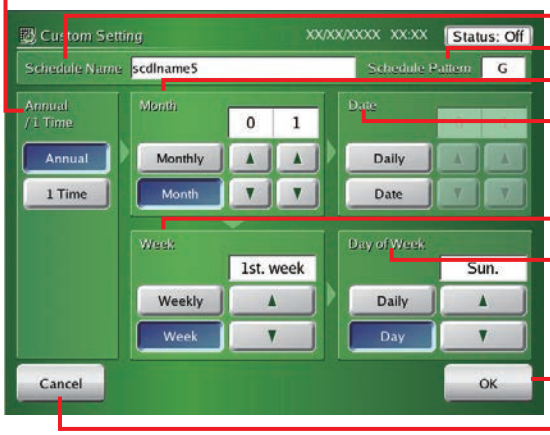
"Schedule Pattern" button
"Copy" button
"Paste" button
"New" button
"Edit" button
"Delete" button
"Close" button

Operation Setting



Operation Time
R.C. Prohibition
Operation
Mode
Set Temp.
"OK" button
"Hold" button
"Cancel" button

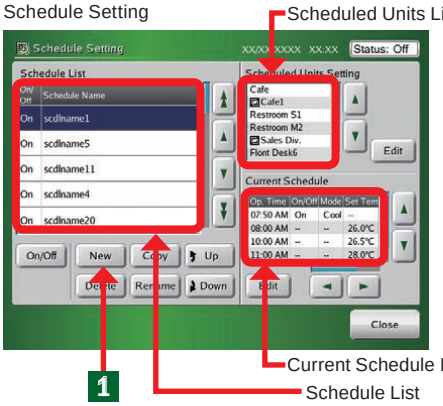
Custom Setting



Annual / 1 Time
Schedule Name
Schedule Pattern
Month
Date
Week
Day of week
"OK" button
"Cancel" button

3-4-2 Setting a new schedule

Schedule Setting



Scheduled Units List
Current Schedule List
Schedule List
1

1 Click "New" button on "Schedule Setting" screen.

◆ "Keyboard (Change Schedule Name)" screen opens.

Note

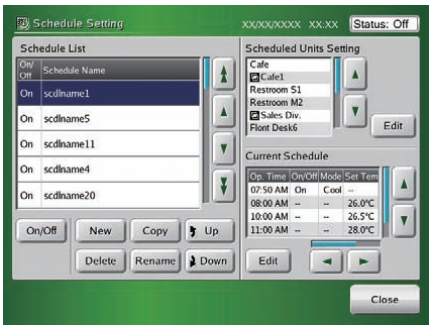
Up to 30 schedules can be created. If 30 schedules have already been created, "New" button cannot be clicked.

Notes

Schedule List:
Displays the set schedules.
Scheduled Units List:
Displays the scheduled units.
Current Schedule List:
Displays the current day's schedule.

Schedule Name

Schedule Setting



Note

At initialization, “Schedule List” of “Schedule Setting” screen is blank.

2 Input “Schedule Name” by keyboard.

Note

See par. “3-3-2” for a description of the keyboard operation method.

Notes

Up to 24 characters can be entered as “Schedule Name”.
Characters which exceed the range of “Display Range” may not be displayed, depending on the screen.

3 Click “OK” button.

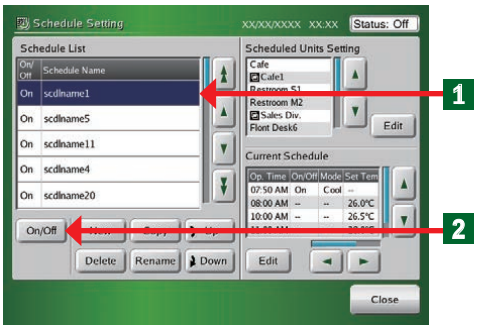
- ◆ “Schedule Name” is registered and “Schedule Setting” screen is opened.

Note

The contents of schedule operation are described in par. 3-3-7.

3-4-3 Setting schedule enable/disable

Schedule Setting



1 Click “Schedule Name” you want to change the setting on “Schedule List” screen.

- ◆ Selected “Schedule” display becomes blue.

2 Click “On/Off” button.

Notice

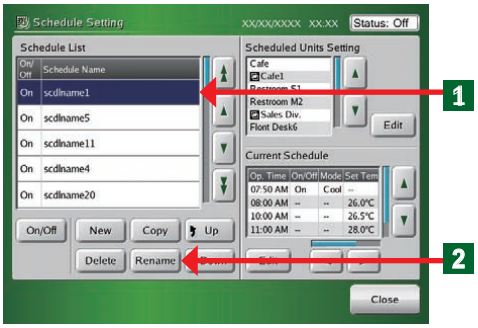
When “On/Off” status on “Schedule List” screen is “On”, that Schedule Unit List is executed. If “Schedule List” is “Off”, that Schedule Unit List is not executed.

Note

When a new schedule was set, the default is “On”.

3-4-4 Changing a schedule name

Schedule Setting



1 Click “Schedule Name” you want to change on “Schedule List” screen.

- ◆ Selected “Schedule” display becomes blue.

2 Click “Rename” button.

- ◆ “Keyboard (Change Schedule Name)” screen opens.

3 Key in “Schedule Name” or click “▽” button and select from the list which is displayed.

Schedule Name

Note

See par. “3-3-2” for a description of the keyboard operation method.

Notes

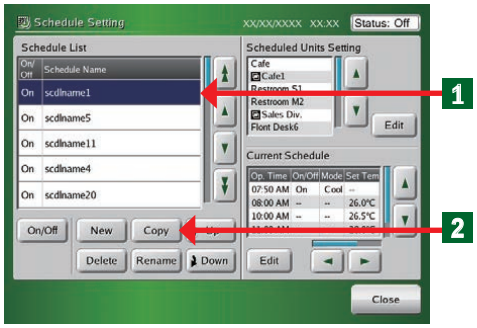
Up to 24 characters can be entered as “Schedule Name”.
Characters which exceed the range of “Display Range” may not be displayed, depending on the screen.

4 At the confirmation of the entered name, click “OK” button.

- ◆ “Schedule Setting” screen is opened by performing the changed contents.

3-4-5 Copying a schedule

Schedule Setting



1 Click “Schedule Name” you want to copy on “Schedule List” screen.

- ◆ The selected display becomes blue.

2 Click “Copy” button.

- ◆ “Schedule Name” copied under “Schedule Name” selected on “Schedule List” is created and “Change Schedule Name” screen is opened.

Note

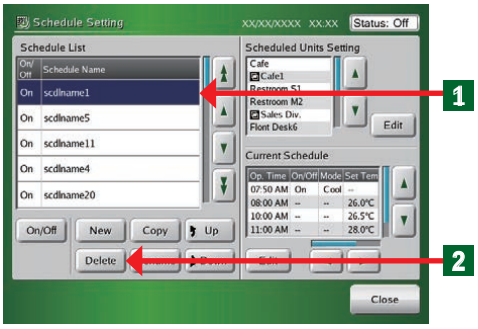
“Schedule Name” becomes the same “Schedule Name” as the copy source “Schedule Name”.

Note

See par. 3-3-3 for the method of operating the keyboard when changing the name

3-4-6 Deleting a schedule

Schedule Setting



1 Click “Schedule Name” you want to delete on “Schedule List” screen.

- ◆ The selected display becomes blue.

2 Click “Delete” button.

- ◆ “Delete Confirmation” screen opens.

Delete Confirmation Screen

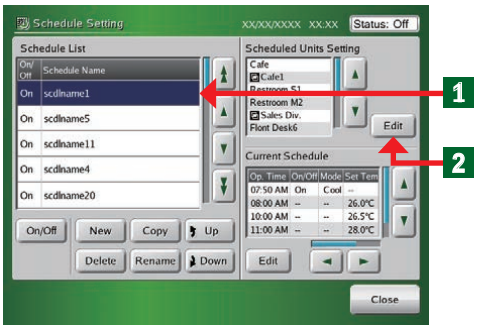
3 When “OK” button is clicked, the selected schedule is deleted.

Note

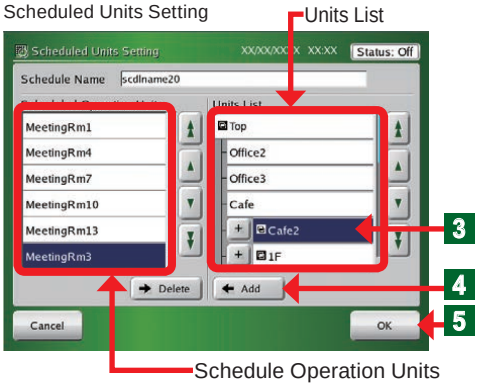
When “Cancel” button is pressed, deletion is interrupted and “Delete Confirmation” screen is closed.

3-4-7 Setting a group or remote controller group to be operated on a schedule

Schedule Setting



Scheduled Units Setting



- **Change the units operated on a schedule from "Schedule List".**

1 Click "Schedule Name" whose setting is to be changed from "Schedule List".

2 Click "Edit" button of "Schedule Units Setting".

◆ "Schedule Units Setting" screen opens.

3 Select and click the group or remote controller group you want to operate from "Units List".

◆ The selected display becomes blue.

4 Click "Add" button.

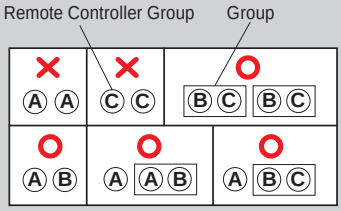
◆ The groups or remote controller group names added to the list of "Schedule Operation Units" at the left-hand side of the screen are displayed.

5 Click "OK" button.

◆ The set contents are registered and "Schedule Setting" screen is opened.

Notice

Handling of group mixing:



Addition to Scheduled Operation Units list is possible.

- Combination of same groups (groups B+C, groups B+C)
- Combination of different single remote controller group (single A, single B)
- Single remote controller group and group (single A, groups A+B)
- Single remote controller group and group (single A, groups B+C)

Addition to Scheduled Operation Units list is impossible.

- Combination of same single remote controller group (single A, single A) (single C, single C)

Note

To cancel the set contents, click "Cancel" button.

Note

When the list on the screen is hidden and cannot be seen, bring it into view by scrolling the screen using the "⏫", "▲", "▼", "⏬" keys.

Note

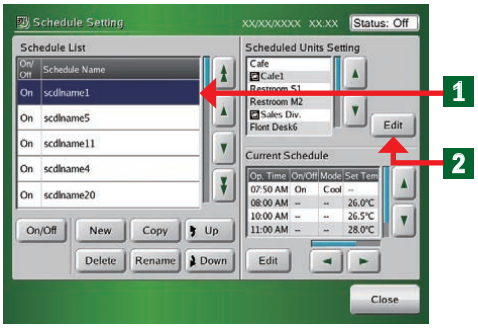
All the units and groups set in the group setting registered at the touch panel controller are listed in "Units List" displayed at step **3**.

Note

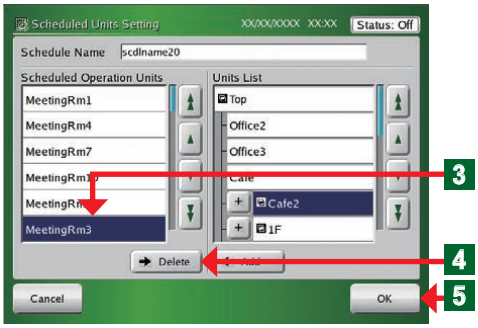
When you want to register units in a group, expand the display by clicking the "+" button next to "Group Name".

3-4-8 Deleting group indoor units which operate on a schedule

Schedule Setting



Scheduled Units Setting



- **Delete the units operated on a schedule from “Schedule List”.**

1 Click “Schedule Name” which you want to delete from “Schedule List”.

2 Click “Edit” button on “Scheduled Units Setting”

◆ “Scheduled Units Setting” screen opens.

3 Select and click the group or remote controller group which you want to delete from “Scheduled Operation Units” list.

◆ The selected display becomes blue.

4 Click “Delete” button.

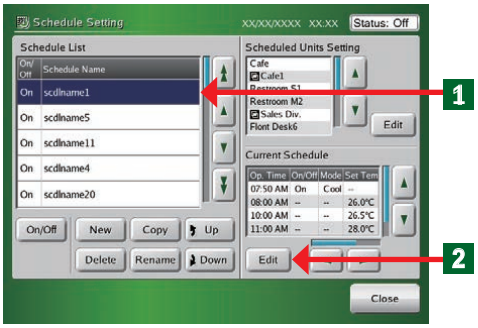
◆ The groups or remote controller group on the list of “Scheduled Operation Units” are deleted.

5 Click “OK” button.

◆ The set contents are registered and “Schedule Setting” screen is opened.

3-4-9 Setting a new operation pattern

Schedule Setting



1 Click “Schedule Name” whose pattern is to be set from “Schedule List”.

2 Click “Edit” button of “Current Schedule”.

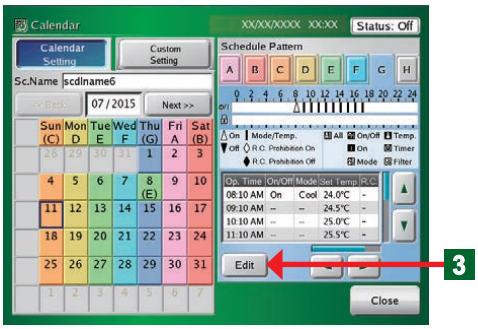
◆ “Calendar” screen opens.

Notes

Setting procedure:

①Set the schedule operation pattern.
(Maximum 8 kinds)
→ •Schedule Pattern Setting “3-4-10”
•Operation Setting“3-4-10”
②Select the set schedule pattern from the 2 methods and set it as the custom day.
→ •Calendar setting “3-4-13”
•Custom setting “3-4-13”

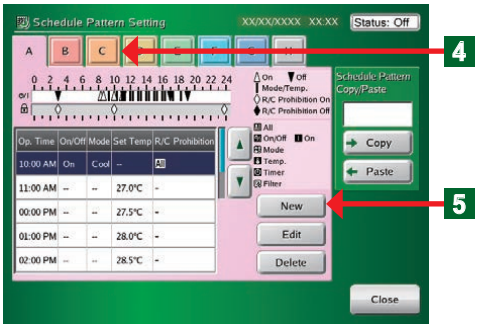
Calendar (Calendar Setting)



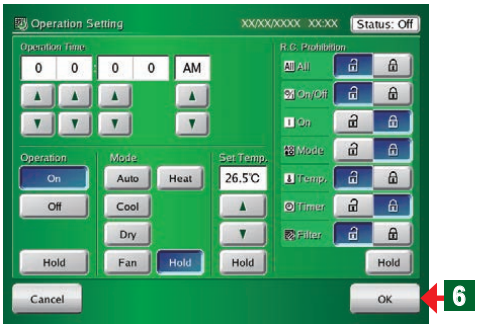
3 Click “Edit” button.

◆ “Schedule Pattern Setting” screen opens.

Schedule Pattern Setting



Operation Setting



Notes

Setting example ①: Operate at cooling 26°C at 8:00 AM and allow remote controller setting.

Time	08:00 AM
Operation	On
Mode	Cool
Set Temp.	26.0°C
R.C. Prohibition	All →
On/Off →	On →
Mode →	Temp →
Timer →	Filter →

Setting example ②: Change the set temperature only to 28°C at 3:00 PM.

Time	03:00 PM
Operation	Hold
Mode	Hold
Set Temp.	28.0°C
R.C. Prohibition	Hold

- **The following is described using an example which selected pattern [C].**

4 Click “Schedule Pattern” which you want to set.
Click Pattern [C].

5 Click “New” button.

◆ “Operation Setting” screen opens.

Notes

• Perform the following settings:

Setting items on “Operation Setting” screen

①**Operation start time or stop time**: What hour and what minute of AM or PM

②**Operation setting**: “ON”, “OFF”, and “Hold*”

③**Operation mode**: “Auto”, “Cool”, “Dry”, “Fan”, “Heat”, and “Hold*”

④**Temperature setting**:
Heating: 10°C to 30°C
Otherwise: 18°C to 30°C, or “Hold*”

⑤**Remote controller operation restrictions setting**:
All functions, Operation “On”, Operation “On/Off”, “Set Temp.”, Operation mode,
Timer prohibition (Timer prohibition of the standard remote controller), Filter alarm reset (Filter reset of the standard remote controller) “Hold*”
When a setting other than Hold was selected, perform prohibit/allow setting for each function. However, when “All” was prohibited, other settings (“On/Off”, “On”, “Mode”, “Temp”, “Timer”, and “Filter”) cannot be performed. When “On/Off” was prohibited, “On” setting cannot be performed. Therefore, when setting each function, allow “All” setting.

*When “Hold” is selected, the state set when a schedule was executed is maintained.

Note

Up to 20 items can be set per day in “Operation Setting”.

Notes

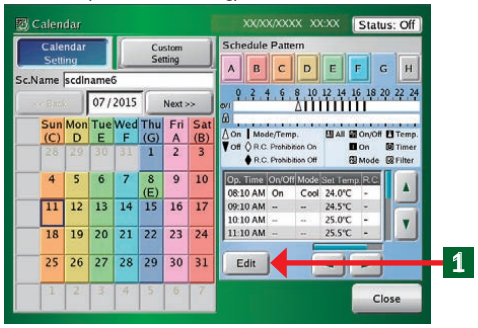
1 pattern is set from 00:00 to 23:59.
When you want to perform setting that spans the date, create a separate pattern or create by including a setting after 00:00.

6 At the end of setting, click “OK” button.

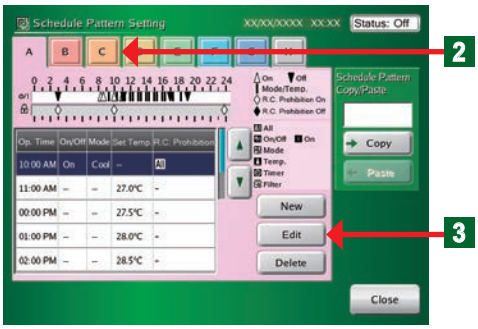
◆ “Schedule Pattern Setting” screen opens.

3-4-10 Changing an operation pattern

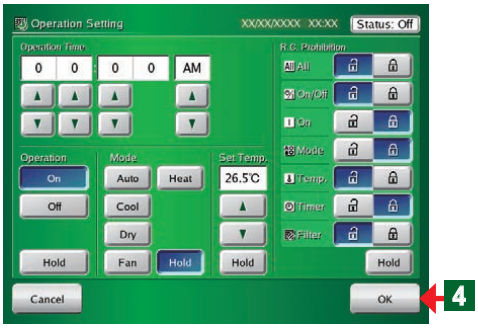
Calendar (Calendar Setting)



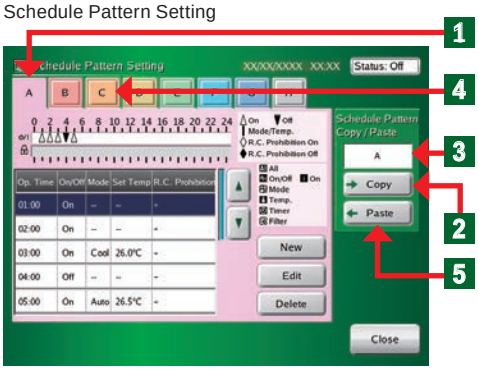
Schedule Pattern Setting



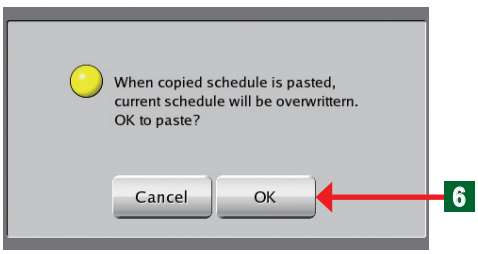
Operation Setting



Schedule Pattern Setting



Paste confirmation screen



- **This operation is described using an example which changes pattern [C].**

1 Click “Edit” button.

◆ “Schedule Pattern Setting” screen opens.

2 Click pattern [C].

3 Click “Edit” button.

◆ “Operation Setting” screen opens.

- **Change “Operation Setting”.**

4 At the end of setting change, click “OK” button.

◆ The set contents are executed and “Schedule Pattern Setting” screen is opened.

- **Copying a schedule pattern**
  All the timers of a selected schedule pattern can be copied to another schedule pattern.

1 Select the schedule pattern [A] you want to copy.

2 Click “Copy” button.

3 “A” is displayed in the “Copy/paste” display.

4 Select the schedule pattern [C] of copy destination.

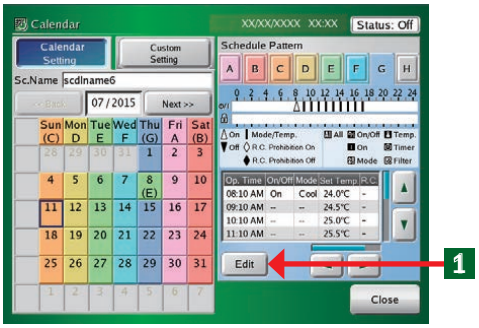
5 Click “Paste” button.

6 Click “OK” button.

◆ The selected schedule pattern is pasted.

3-4-11 Deleting an operation pattern

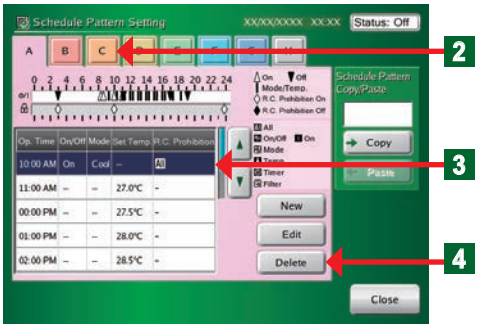
Calendar (Calendar Setting)



1 Click “Edit” button.

◆ “Schedule Pattern Setting” screen opens.

Schedule Pattern Setting



2 Click the schedule pattern to be deleted at operation pattern.

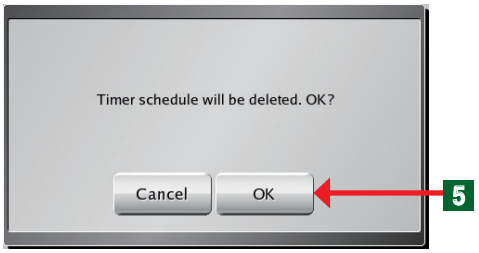
3 Click the operation pattern to be deleted from “Schedule Pattern List”.

◆ The display of the selected list becomes blue.

4 Click “Delete” button.

◆ “Delete confirmation” screen opens.

Delete Confirmation Screen



5 Click “OK” button.

◆ The selected list is deleted

3-4-12 Setting an operation pattern

Calendar (Calendar Setting)

- **Set by calendar.**

1 Click “Calendar Setting” button.

2 Select the calendar of the year/month you want to set by clicking “Back” or “Next” button.

Note

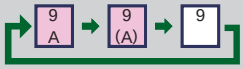
The lower limit of the selectable months shall be the current month and the upper limit shall be within 12 months including the current month.

3 Click “Schedule Pattern” you want to set.

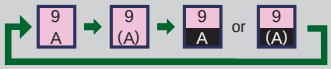
4 Set when the day or day of week you want to set is clicked.

Notes

Each time the date or day of week on “Calendar” screen is clicked, the setting is switched as shown below.



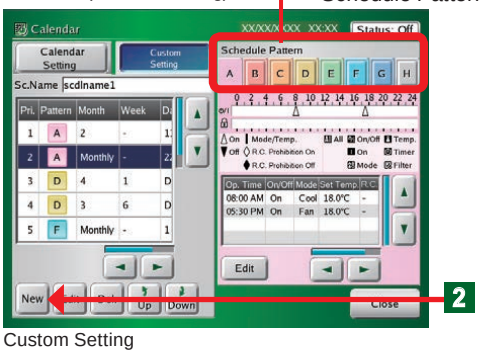
When “Custom Setting” is set, the display is switched as shown below.



Display	Setting	Content
A	Annual	Every year with selected schedule pattern is executed.
(A)	1 Time	Only a set year with selected schedule pattern is executed.
A	Custom Day (Annual)	Day set by “Custom Setting” executed each year.
(A)	Custom Day (1 Time)	Day set by “Custom setting” executed only the set year.
Blank	No Schedule	No Schedule

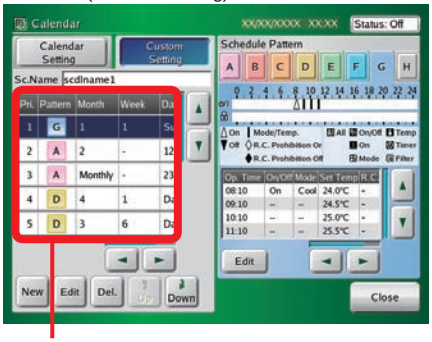
Calendar (Calendar Setting)

Calendar (Custom Setting)



Custom Setting

Calendar (Custom Setting)



Custom Setting List

- **Set by specifying the date. (Custom setting)**

1 Click “Custom Setting” button.

◆ “Custom Setting” screen opens.

2 Click “New” button on “Custom Setting List” selecting “Schedule Pattern” set.

Notes

The following contents can be set at “Custom Setting” screen.
①**Year setting**: Annual, only 1 year
②**Month setting**: Every month, only 1 month.
③**Day setting**: Every day, only 1 day
④**Week setting**: Every week, certain week
⑤**Day of week setting**: Every week, every certain day

3 At the end of setting, click “OK” button.

◆ The set contents are executed and “Custom Setting List” screen is opened.

Note

The value set at “Custom Setting List” is displayed and the schedule pattern is displayed at the calendar.

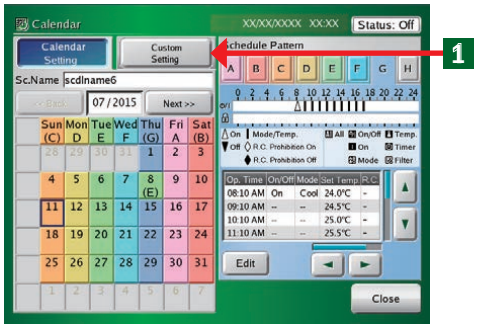
◆ Added to the Custom Setting List.

Note

Up to 12 months from the current month can be displayed at the schedule calendar.
Past months cannot be set at custom setting. For the past dates of the current month, “1 time” cannot be set at custom setting, but “annual” can be set at custom setting. For example, the period from June 1 to September 5 of “annual” is set to cooling operation by custom setting at July 17 of the current year 2009. In this case, from June 1 to July 16 of this year is automatically ignored as past setting. Cooling operation is performed from July 17 to September 5. Then, from the next year, cooling operation is performed from June 1 to September 5 by “annual”.

3-4-13 Changing the custom setting

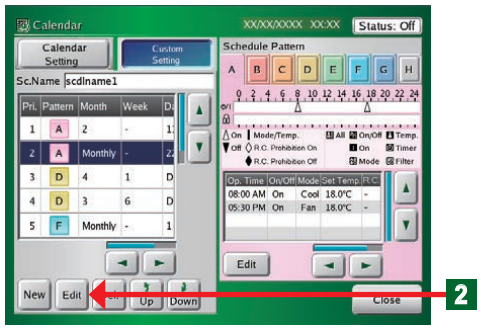
Calendar (Calendar Setting)



1 Click “Custom Setting” button.

◆ “Custom Setting List” screen opens.

Calendar (Custom Setting)



2 Click “Edit” button on “Custom Setting List” selecting the list in which you change the setting.

- **Change the set contents on “Custom Setting” screen.**

Custom Setting

3 At the end of setting change, click “OK” button.

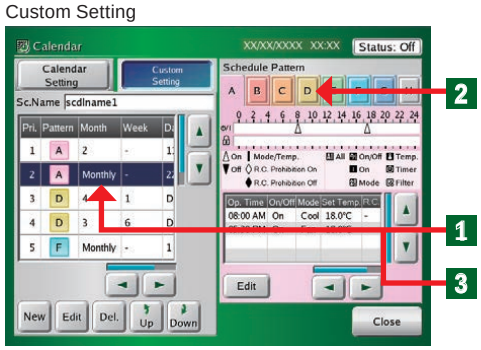
◆ The set contents are executed and “Custom Setting List” screen is opened.

Note

When “Cancel” button is clicked, the set contents are interrupted and “Custom Setting” screen is closed and the display returns to “Custom Setting List”.

- **Changing a schedule pattern**

Custom Setting



1 Select the “Custom Setting List” you want to change in the “Schedule Pattern”.

2 Select the “Schedule Pattern” you want to change.

3 Click the selected “Custom Setting List” again.

◆ Changed to the “Schedule Pattern” selected at step **2**.

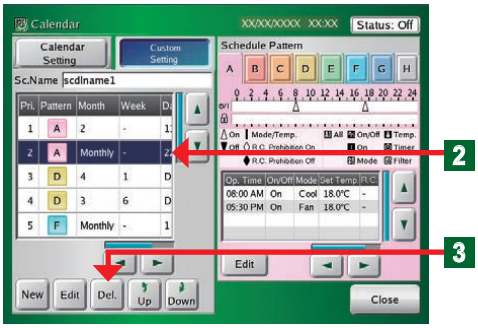
3-4-14 Deleting the custom day

Calendar (Calendar Setting)

1 Click “Custom Setting” button.

◆ “Custom Setting List” screen opens.

Calendar (Custom Setting)



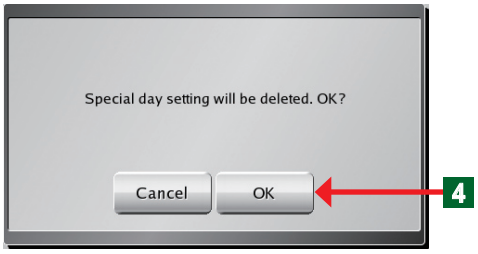
2 Click “Custom Setting” list you want to delete.

◆ The selected name is selected and the display becomes blue.

3 Click “Del.” button.

◆ “Delete Confirmation” screen opens

Delete Confirmation Screen



4 Click “OK” button.

◆ The selected “Custom Setting” list is deleted.

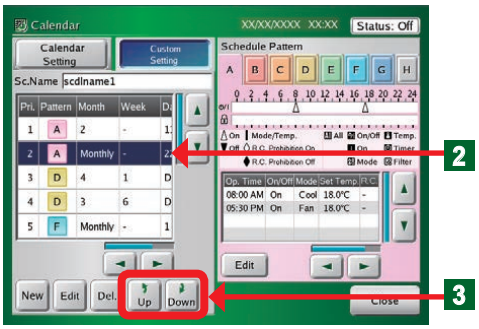
Note

When “Cancel” button is clicked, the set contents are interrupted and “Custom Setting” screen is closed and the display returns to “Schedule Unit List”.

3-4-15 Changing the priority order of custom setting

Calendar (Calendar Setting)

Calendar (Custom Setting)



1 Click “Custom Setting” button.

◆ “Custom Setting List” screen opens

2 Click the setting whose priority order is to be changed on the operation list set at “Custom Setting”.

◆ Display of the name on the listed list becomes blue.

3 Move the operation list up and down using “ Down” button or “ Up” button.

Note

For the priority order of the list, the upside is high priority and the bottom is low priority.

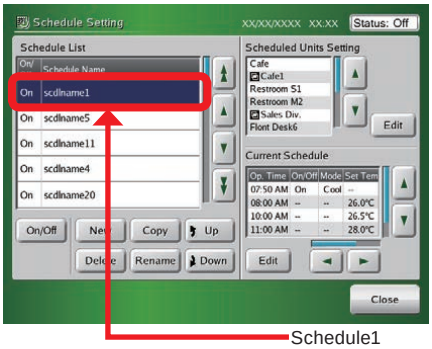
Note

When the calendar setting (week, day) and custom setting (year, month, week) overlap, the priority order is as follows:

Priority order	Setting	Contents
1	Calendar setting	Day
2	Custom setting	All
3	Calendar setting	Week

3-4-16 Schedule Setting Example

Schedule Setting

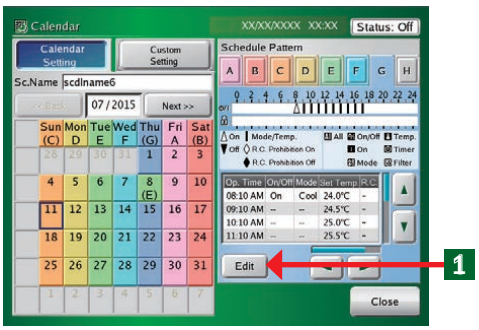


- **Describe the setting example following when the schedule shown below at Schedule 1 is set.**

Mon-Fri	8:40~17:30 Working hours 12:00~13:00 Lunch hour 17:30~23:00 Overtime 23:00 Lockup
Sat	Nonworking day
Sun	Nonworking day
Holiday (January 1) (2nd Monday of October)	Nonworking day
Custom day (4th Friday)	8:40~17:30 Working hours 12:00~13:00 Lunch hour 17:30 Lockup

1. Schedule Pattern setting, Operation Pattern setting

Calendar (Calendar Setting)



- **Schedule pattern setting**

1 Click “Edit” button of Schedule Pattern.
Refer to par. “3-4-10” and perform Operation setting like that shown in the table below at schedule patterns A to H.

Schedule Pattern “A”

Time	On/Off	Mode	Temp	R.C. Prohibition
8:40	On	Cool	26°C	Hold
12:00	Hold	Hold	28°C	Hold
13:00	Hold	Hold	26°C	Hold
17:30	Hold	Hold	28°C	Hold
23:00	Off	—	--°C	—

Schedule Pattern “B”

Time	On/Off	Mode	Temp	R.C. Prohibition
8:40	On	Heat	24°C	Hold
12:00	Hold	Hold	22°C	Hold
13:00	Hold	Hold	24°C	Hold
17:30	Hold	Hold	22°C	Hold
23:00	Off	—	--°C	—

Schedule Pattern “C”

Time	On/Off	Mode	Temp	R.C. Prohibition
8:40	On	Cool	26°C	Hold
12:00	Hold	Hold	28°C	Hold
13:00	Hold	Hold	26°C	Hold
17:30	Off	—	--°C	—

Schedule Pattern “D”

Time	On/Off	Mode	Temp	R.C. Prohibition
8:40	On	Heat	24°C	Hold
12:00	Hold	Hold	22°C	Hold
13:00	Hold	Hold	24°C	Hold
17:30	Off	—	--°C	—

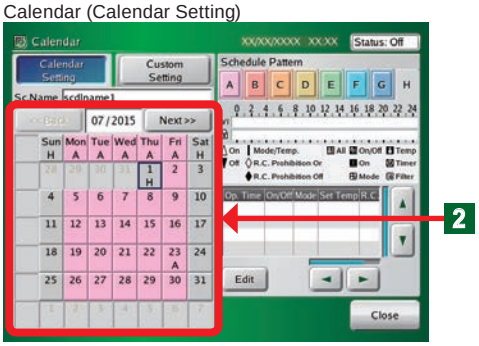
Schedule Pattern “H”

Time	On/Off	Mode	Temp	R.C. Prohibition
No Setting				

2. Allocating schedule patterns

The set schedule patterns are allocated using 2 methods.

Calendar (Calendar Setting)



● Calendar setting

2 Click “Calendar” button.
Each set schedule pattern is pasted as shown below.

Calendar		Pattern
Jun-Sep	Mon-Fri	Pattern “A
Oct-May	Mon-Fri	Pattern “B”
January 1 + Sat, Sun		Pattern “H”

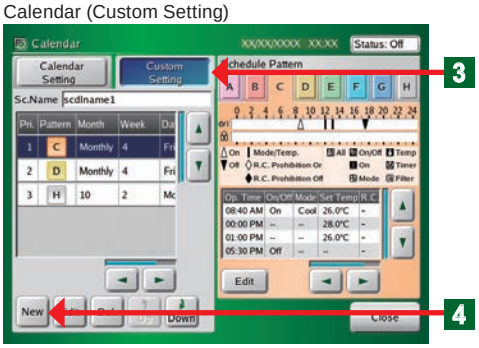
Note

There is the following method of setting a schedule pattern at calendar setting.

- Setting is performed by clicking the days one by one for each month.(In the setting example, pattern A is set at each day from Mon to Fri from Jun to Sep and pattern B is set from Mon to Fri from Oct to May.)

* However, the priority is higher than setting by Custom Setting. Do not execute the calendar setting when you want to execute setting of Custom Setting.

Calendar (Custom Setting)



● Custom setting

3 Click “Custom Setting” button secondly.

◆ “Custom Setting List” screen opens.

4 Click “New” button.
Refer to par. “3-4-14” and perform the setting like that shown below.

Items	Pattern	Annual/1 Time	Month	Week	Day of week
Setting	C	Annual	Monthly	Week-4th.week	Day -Fri

Items	Pattern	Annual/1 Time	Month	Week	Day of week
Setting	D	Annual	Monthly	Week-4th.week	Day -Fri

Items	Pattern	Annual/1 Time	Month	Week	Day of week
Setting	H	Annual	Month-10	Week-2nd.week	Day -Mon

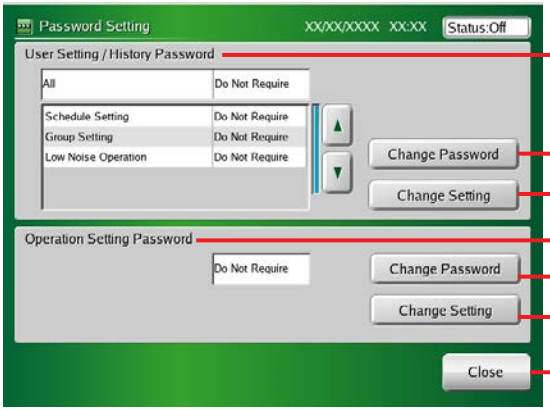
(Example) For summer, set the C pattern to the high order and for winter, set the D pattern to the high order.

Notes

The above is the schedule setting method.
In the setting example, the schedule patterns were allocated by 2 methods, but setting is possible by either allocation.

3-5-1 Main screens of Password Setting

Password Setting



User Setting/History Password

"Change Password" button

"Change Setting" button

Operation Setting Password

"Change Password" button

"Change Setting" button

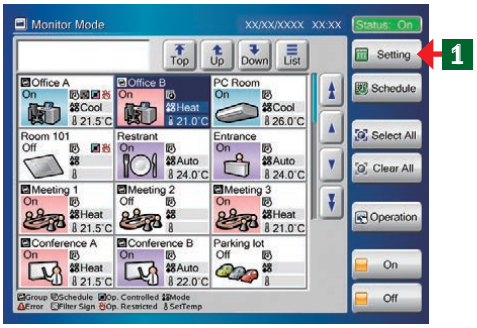
"Close" button

User Setting / History Password Verification

User Setting/History Password or Operation Setting Password

3-5-2 Managing the user setting access right

Monitor Mode(Icon)



- Open "Password Setting" screen from "Monitor Mode" screen.

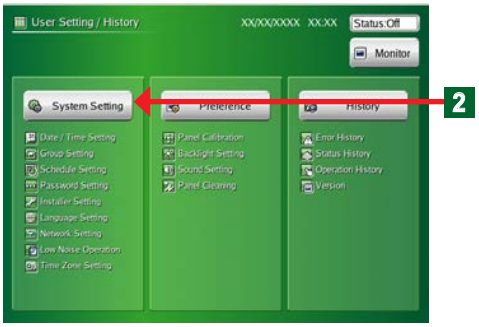
1 Click "Setting" button.

◆ "User Setting/History" menu screen opens.

Note

There are 3 menu patterns of "System Setting", "Preference", and "History" at "User Setting/History" screen.

User Setting / History



2 Click “System Setting” button.

◆ “System Setting” menu screen opens

Note

- There are 9 menu patterns of “Date / Time Setting”, “Group Setting”, “Schedule Setting”, “Password Setting”, “Installer Setting”, “Language Setting” ,"Network Setting", "Low Noise Operation", and "Time Zone Setting" at “System Setting” screen.
- When optional parts are registered, the names of option parts are displayed.

3 Click “Password Setting” button.

◆ “Password Setting” screen opens.

System Setting

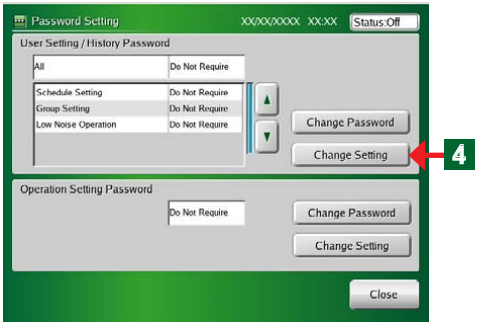
4 Click “Change Setting” button on User Setting / History Password.

◆ “Key Board (Password Verification)” screen opens.

Note

The setting contents of the 4 items “All”, “Schedule Setting”, “Group Setting”, and "Low Noise Operation" are displayed on “Password Setting” screen.

Password Setting



Note

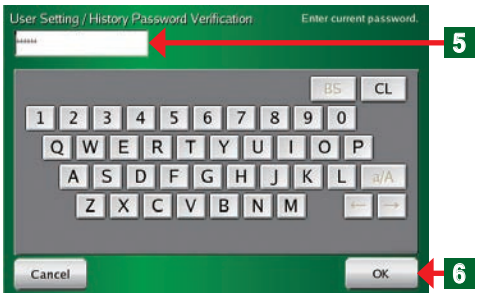
There are 3 settings for which a password (Installer Setting Password, User Setting/History Password, and Operation Setting Password) is requested.

5 Enter the password at “User Setting / History Password”.

Note

“VRFVRF” is set as the default password.

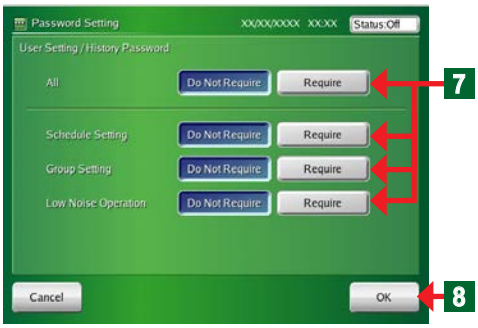
User Setting / History Password Verification



6 Click “OK” button.

◆ “Change Password Setting” screen opens

Password Setting



7 Click “Do Not Require” button or “Require” button at each setting item on “Change Password Setting” screen.

8 At the end of setting, click “OK” button.

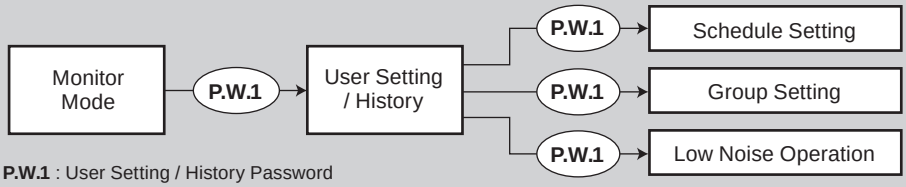
◆ The set contents are determined and the display returns to “Password Input” screen.

Note

If a setting item on “Change Password Setting” screen is set to “Require”, password input is necessary to access that item.

Notes

Whether the password is required or not for "Schedule Setting","Group Setting", or "Low Noise Operation" can be set for each item by batch "All" or individually.



P.W.1 : User Setting / History Password

- For the password setting configuration in the touch panel controller, see par. 5 “password configuration” in “En-9”

*1 If “ALL” is set to “Require” at “User Setting / History Password”, password input is required to transfer “Monitor Mode” to "User Setting" or "Schedule Setting".

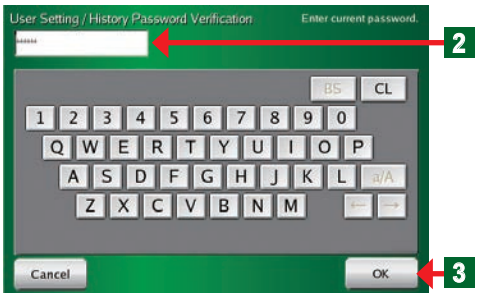
3-5-3 Changing a user setting password

Password Setting

1 Click “Change Password” button.

◆ “Keyboard (Password Verification)” screen opens.

User Setting / History Password Verification



2 Enter the password at “User Setting / History Password Verification”.

3 Click “OK” button.

◆ “Keyboard (Change User Setting / History Password)” screen opens.

Change User Setting / History Password

4 Key in “New Password”.

5 Click “OK” button.

◆ “User Setting / History Password Verification” screen opens.

User Setting / History Password Verification

6 Enter the same password at step **4** again.

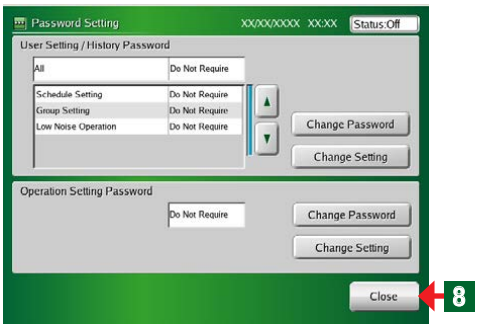
7 Click “OK” button.

◆ “Password Setting” screen opens.

8 At the end of setting change, click “Close” button.

◆ The set contents are determined and “System Setting” screen opens.

Password Setting

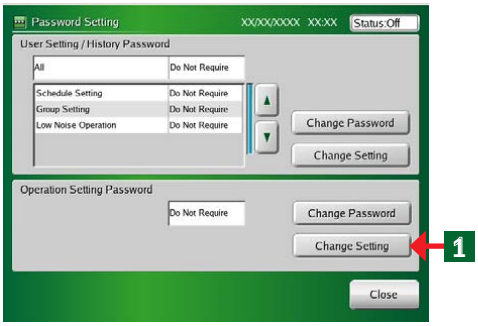


Notes

If you forget the password after password setting was performed, subsequent “User Setting” will be impossible. Make a note of the password so as not to forget the password. If you forgot a password, contact you local dealer.

3-5-4 Managing the access right of operation control setting

Password Setting



Operation Setting Password Verification

1 Click “Change Setting” of “Operation Setting Password”.

◆ “Operation Setting Password Verification” screen opens.

Note

Invalid is set as the default.

Note

Set a different password for “Installer Setting Password”, “User Setting/History Password”, and “Operation Setting Password”.

2 Key in the password of “Operation Setting Password”.

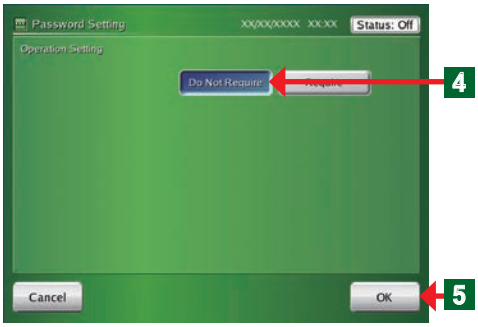
Note

“VRFVRF” is set as the default password.

3 Click “OK” button.

◆ “Password Setting (Operation Setting)” screen opens.

Password Setting (Operation Setting)



4 Click “Do Not Require” button or “Require” button on “Operation Setting Password”.

5 At the end of setting, click “OK” button.

◆ The set contents are determined and “Password Setting” screen opens.

Note

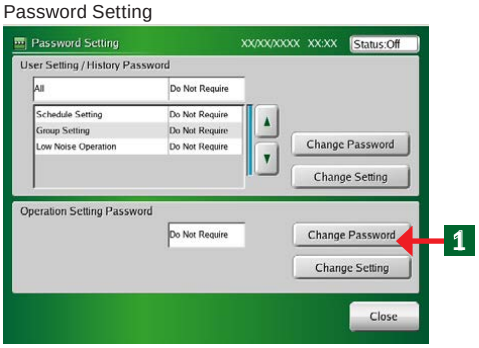
If a setting item on “Password Setting (Operation Setting)” screen is set to “Require”, password input is necessary to access “Operation Setting” screen.

Note

Operation Setting Password is requested when “Operation”, “On”, or “Off” button in the Monitor Mode was clicked. It is not requested for 10 minutes after authentication. When these buttons are clicked after 10 minutes or more have elapsed after authentication, password is requested again.

3-5-5 Changing an operation setting password

Password Setting



1 Click “Change Password” button of “Operation Setting Password”.

◆ “Operation Setting Password Verification” screen opens.

Operation Setting Password Verification

2 Enter “Operation Setting Password”.

3 Click “OK” button.

Change Operation Setting Password

4 Key in New Password.

5 Click “OK” button.

◆ “Operation Setting Password Verification” screen opens.

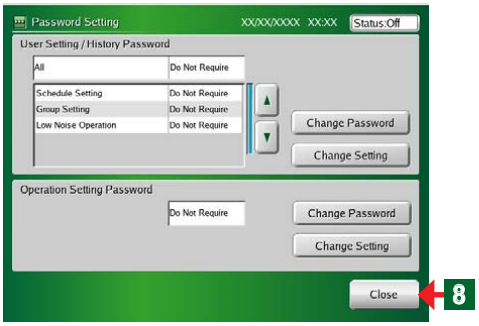
Operation Setting Password Verification

6 Enter the same password at step **4** again.

7 Click “OK” button.

◆ “Password Setting” screen opens

Password Setting



8 At the end of setting change, click “Close” button.

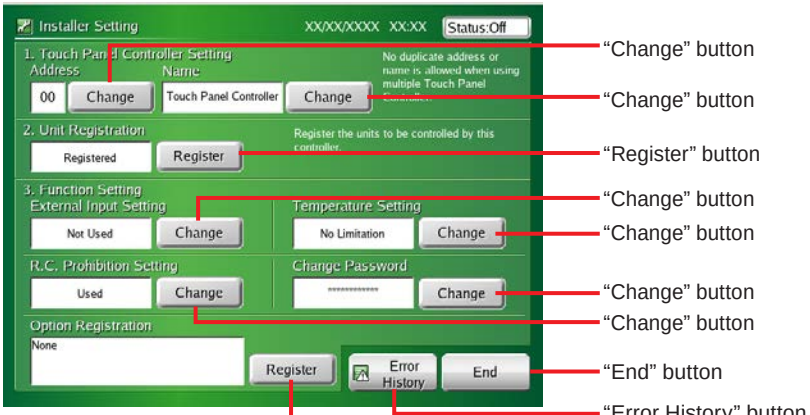
◆ The set contents are determined and “System Setting” screen opens.

Note

If you forget the password after Password Setting was performed, subsequent “Operation Setting” will be impossible. Make a note of the password so as not to forget the password. If you forgot a password, contact you local dealer.

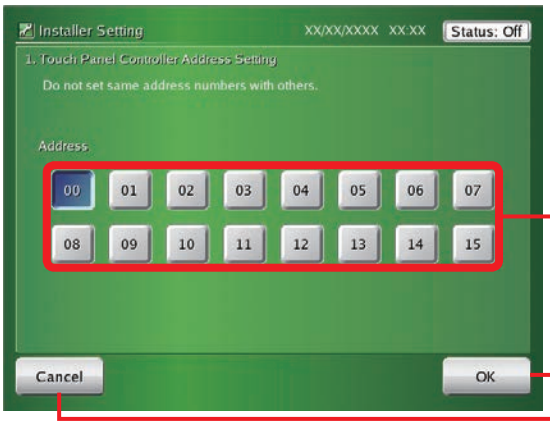
3-6-1 Main screens of Installer Setting

Installer Setting



"Change" button
"Change" button
"Register" button
"Change" button
"Change" button
"Change" button
"Change" button
"End" button
"Error History" button
"Register" button

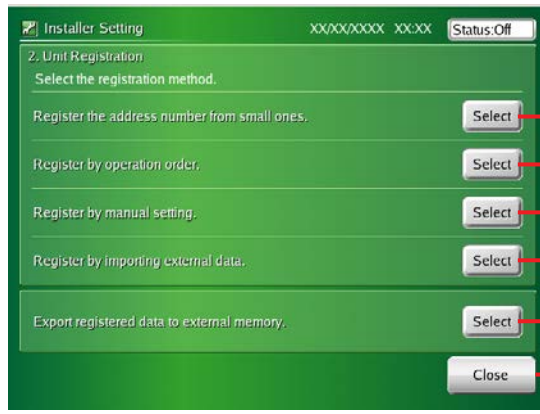
Installer Setting (Touch Panel Controller Address Setting)



"Touch Panel Controller Address Setting"
"OK" button
"Cancel" button

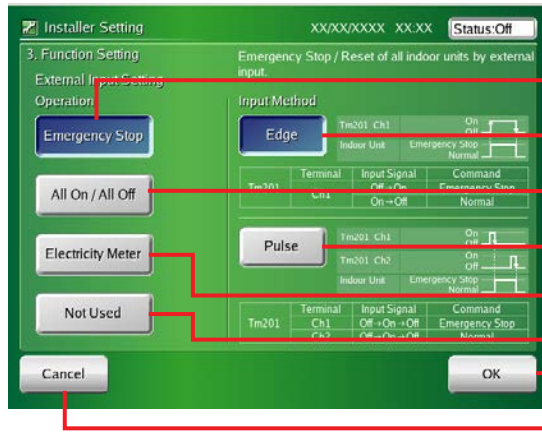
Installer Setting (Touch Panel Controller Name)

Installer Setting (Unit Registration)



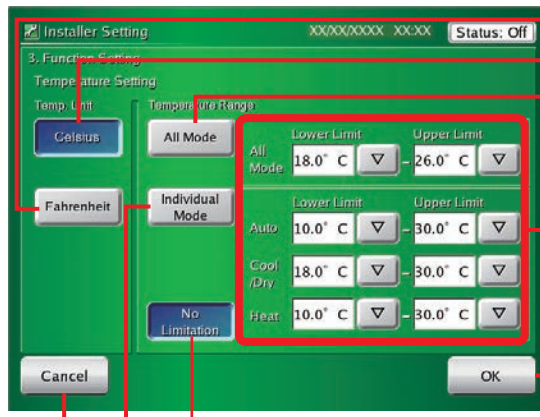
"Select" button
"Select" button
"Select" button
"Select" button
"Select" button
"Close" button

Installer Setting (Function Setting/External Input Setting)



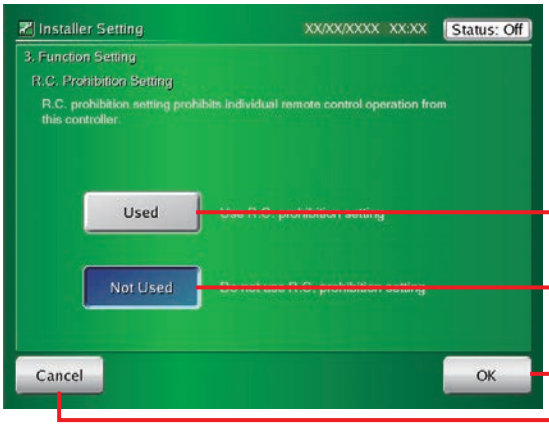
"Emergency Stop" button
"Edge" button
"All On / All Off" button
"Pulse" button
"Electricity Meter" button
"Not Used" button
"OK" button
"Cancel" button

Installer Setting (Function Setting/Temperature Setting)



"Fahrenheit" button
"Celsius" button
"All Mode" button
"Temperature Range Setting" button
"OK" button
"No Limitation" button
"Individual Mode" button
"Cancel" button

Installer Setting (Function Setting/R.C. Prohibition Setting)



"Used" button

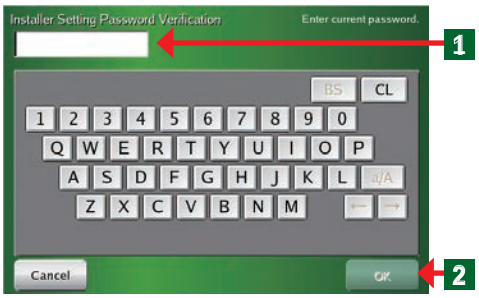
"Not Used" button

"OK" button

"Cancel" button

3-6-2 Installer setting

Installer Setting Password Verification



- **A password is set to prevent inadvertent operation.**

1 Enter the password at "Installer Setting Password".

Note

"VRFVRF" is set as the default password.

2 Click "OK" button.

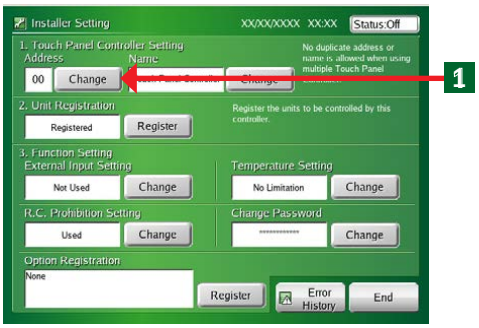
◆ "Installer Setting" screen opens.

Note

If the password is changed, see par. "3-6-19".

3-6-3 Setting the address of the touch panel controller main unit

Installer Setting



1 Click “Change” button on “Touch panel controller address setting”.

◆ “Touch Panel Controller Address Setting” screen opens.

Notice

When 2 or more controllers* are installed in the system, set the address numbers so that the controller addresses (numbers) are not duplicated.

*Touch Panel Controller, Network Convertor(Group Remote Controller).

Installer Setting (Touch Panel Controller Address Setting)

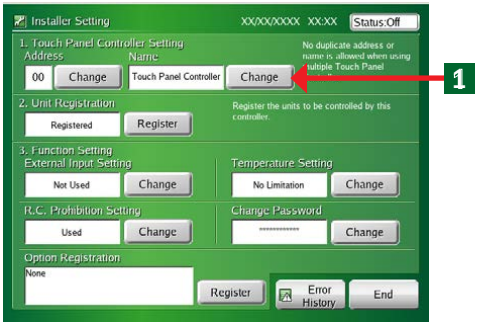
2 Select “Address” from 00 to 15 on the screen and click the button.

3 At the end of setting, click “OK” button.

◆ “Installer Setting” screen opens.

3-6-4 Setting the name of the touch panel controller main unit

Installer Setting



1 Click "Change" button on "Name" in the “Touch panel controller setting”.

◆ “Touch Panel Controller Name” screen opens.

Installer Setting (Touch Panel Controller Name)

2 Enter the "Name" in the "Touch Panel Controller Name”.

Note

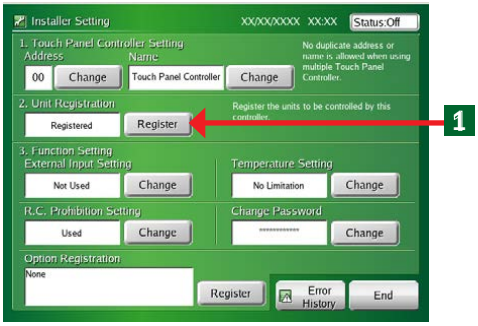
When this controller is operated by remote connection using PC, the set "Name" is displayed at the tab of browser displayed in the PC screen.

3 At the end of setting, click “OK” button.

◆ “Installer Setting” screen opens.

3-6-5 Registering the units

Installer Setting



Installer Setting (Unit Registration)

- **Unit registration:**
  - ◆ Perform indoor unit registration after 5 minutes or more have elapsed after the indoor unit and outdoor unit power was turned on.

1 Click “Register” button of “Unit Registration”.

- ◆ “Unit Registration” screen opens.

Notice

Indoor unit registration and deletion may affect the group setting and schedule setting.
Always confirm after the end of setting when group setting and schedule setting have already been performed.

Notes

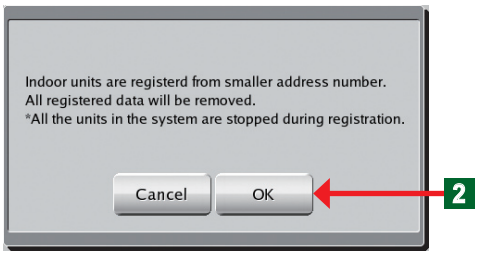
See the table below for the items which can be selected.

Items	Contents
Register the address number from small ones. 3-6-6	Units are automatically registered in ascending order of refrigerant system address.
Register by operation order. 3-6-7	Units are registered in the order in which the indoor units were operated.
Register by manual setting. 3-6-8, 3-6-9, 3-6-10	The units with the specified address are registered. Or deleted.
Register by importing external data. 3-6-11	The indoor units registration data is imported from an external memory.
Export registered data to external memory. 3-6-12	The indoor units registration data is exported to an external memory.
Registering the Electricity Meter. 3-6-13	Electricity meter is registered.

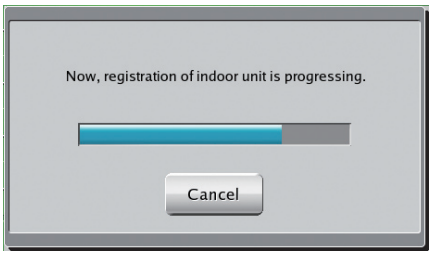
3-6-6 Registering indoor units in refrigerant system address order

Installer Setting (Unit Registration)

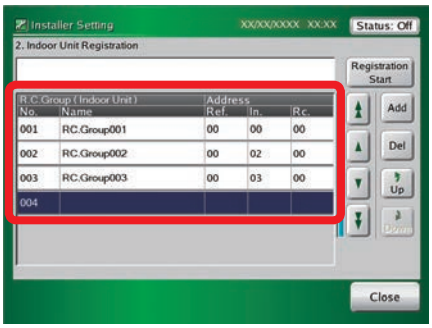
Address Order Registration Confirmation Screen



Registration of indoor unit is progressing



Installer Setting (Indoor Unit Registration)



- **Indoor units are registered in ascending address order.**

1 Click “Select” button.

◆ “Address Order Registration Confirmation” screen opens.

Notice

Note that when address order registration is performed the current registered indoor units, group setting, schedule setting data (unit setting) and history (abnormality and operation of the outdoor units and indoor units) are deleted.

2 Click “OK” button.

◆ “Registration of indoor unit is progressing” screen opens.

◆ When registration is successful; “Indoor Unit Registration List” screen opens.

Notice

When there is an abnormality in the system, an error screen is displayed and registration is stopped.

Notes

System abnormality

Abnormality contents	Cause
No outdoor unit	No outdoor unit of the same refrigerant system address as indoor unit.
No indoor unit	Not even 1 indoor unit at the same refrigerant system address as outdoor unit.
There is an abnormality in communications.	Cannot communicate. There is not even 1 unit.
There is an abnormality in unit setting.	There is an abnormality in unit data setting.
There is an abnormality in RCG address.	There is an abnormality in RCG address setting.
No master unit at outdoor units.	There is no master unit at the outdoor units.
Initializing	Cannot be executed because initializing at other unit.
Specified indoor unit does not exist.	There is no specified indoor unit data.
No electricity meter found.	Threre is no specified number of electricity meter.
Failed acquiring data. Perform registration again.	Information is not acuired properly.

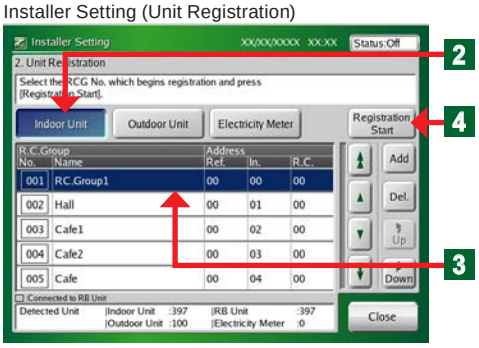
3-6-7 Registering indoor units in operation order

Installer Setting (Unit Registration)

1 Click “Select” button.

◆ “Unit Registration” list screen opens.

Installer Setting (Unit Registration)



2 Click "Indoor Unit" button.

3 Select the list of the remote controller group No. from which registration is to begin.
When starting new registration, select No. 001.

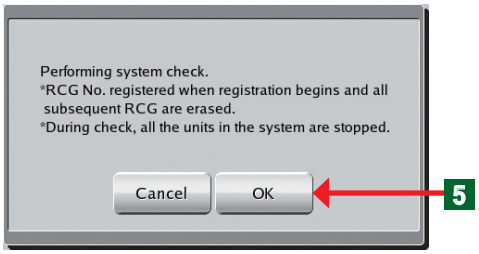
Notes

When changing the indoor unit registration configuration already registered, select the indoor unit you want to change.
The selected indoor unit and indoor units registered after it are deleted.

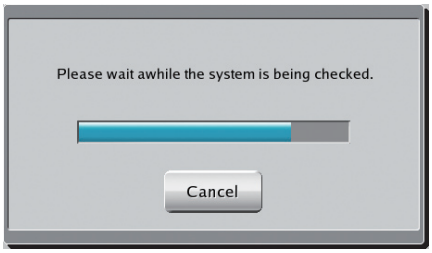
4 Click “Registration Start” button.

◆ “Register by operation order” screen opens.

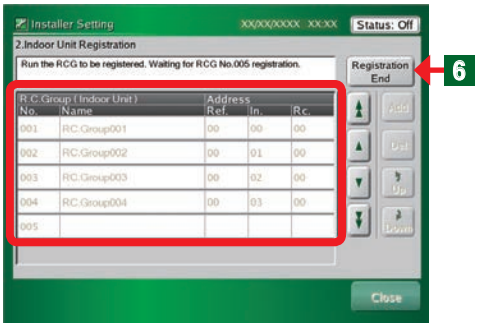
Register by operation order



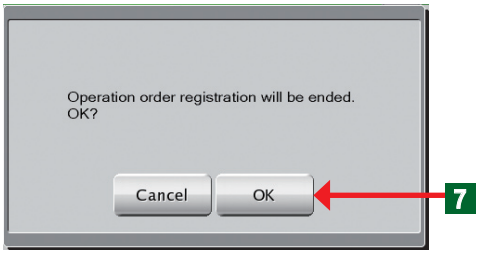
Scanning



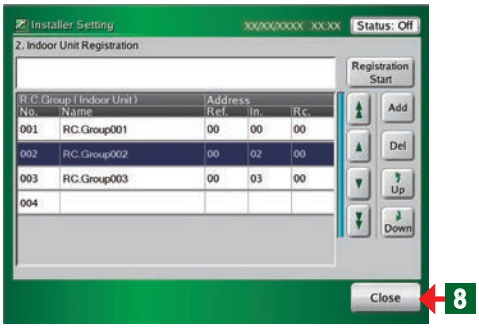
Installer Setting (Indoor Unit Registration)



Confirmation Screen



Installer Setting (Indoor Unit Registration)



5 Click “OK” button.

◆ “Performing system check” screen opens.

- At the orderly end of system confirmation, open “Indoor Unit Registration” list screen (operation wait state).

Notice

When there is an abnormality in the system, an error screen is displayed and registration is stopped.
See the items of 3-6-6.

- **Operation of the indoor unit begins (On) in the order you want to register.**

◆ “Indoor Unit Registration” List screen opens

◆ The remote controller groups in the order in which they were started are displayed on “Indoor Unit Registration List” screen.

6 At the end of “Register by operation order”, click “Registration End” button.

7 Click “OK” button to close the slave window.

8 Click “Close” button to determine the set contents.

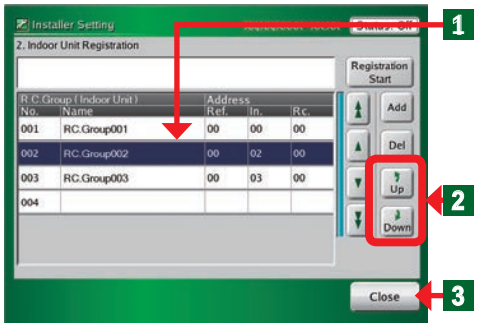
◆ “Installer Setting” screen opens.

Note

Registration is possible even when shifted from an operation other than operation registration.

3-6-8 Changing the registered indoor units sequence

Installer Setting (Indoor Unit Registration) Addition/Deletion



1 When you want to change the indoor unit sequence, click the relevant indoor unit.

◆ Display of the selected names becomes blue.

2 Scroll using “Up” and “Down” buttons.

3 At the end, click “Close” button.

◆ “Installer Setting” screen opens.

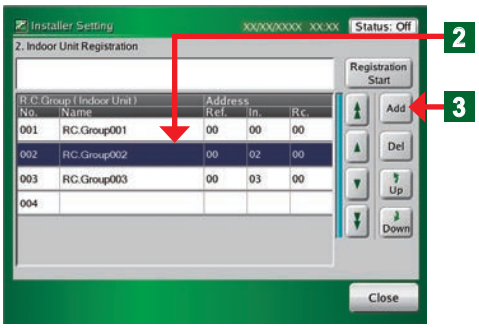
Notice

When setting a remote controller group, only the master indoor unit can be selected. Slave units always shift as a set with the master unit.

3-6-9 Adding indoor unit registration

Installer Setting (Unit Registration)

Installer Setting (Indoor Unit Registration) Addition/Deletion



1 Click “Select” button of “Register by manual setting”.

◆ “Indoor Unit Registration (Add/Delete)” screen opens.

2 Select the list of remote controller group No. at which addition of registration is to be started.

Note

The “Installer Setting (Indoor Unit Registration) Addition/Deletion” screen is the same as the “Installer Setting (Indoor Unit Registration)” screen which is opened when the “Select” button was clicked at step **1** of 3-6-7.

3 Click “Add” button.

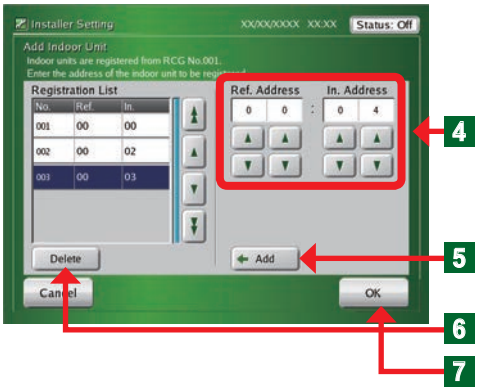
◆ “Add Indoor Unit” screen opens.

4 Set Number of “Ref. Address” and “In. Address” of the R.C.Group you want to add using “▲” and “▼” buttons.

Notice

When there is a slave (Rc. Address 01 or higher) in an R.C. Group, register only the master unit (Rc. Address 00). When the master unit is registered the slave indoor unit is automatically registered.

Installer Setting (Add Indoor Unit)



5 Click “Add” button.

◆ The registered indoor units are displayed at “Registration List”.

6 When an indoor unit on “Registration List” is selected and “Delete” button is clicked, the selected indoor unit is deleted.

7 At the end, click “OK” button.

◆ When “Indoor Unit Registering” screen opens and registration ends normally, “Indoor Unit Registration (Add/Delete)” screen opens.

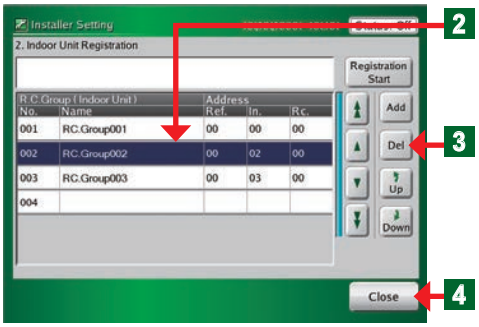
Notice

When there is an abnormality in the system, an error screen is displayed and registration is stopped.
See the items of 3-6-6.

3-6-10 Deleting registered indoor units

Installer Setting (Unit Registration)

Installer Setting (Indoor Unit Registration) Addition/Deletion



1 Click “Select” button of “Register by manual setting”.

◆ “Indoor Unit Registration (Add/Delete)” screen opens.

2 Click the remote controller group name you want to delete.

◆ The selected remote controller group name is selected and the display becomes blue.

3 Click “Del” button.

◆ “Delete Confirmation” screen opens.

4 At the end, click “Close” button.

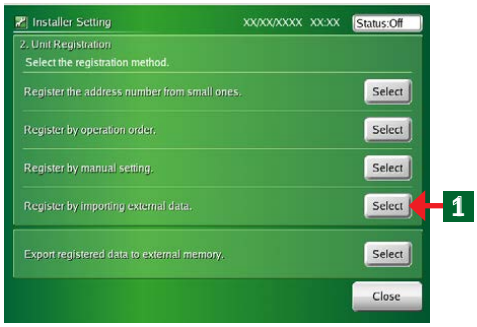
◆ The selected remote controller group is deleted.

Note

Deletion is possible even when shifted from an operation other than “Register by manual setting”.

3-6-11 Registering indoor units by external input data

Installer Setting (Unit Registration)

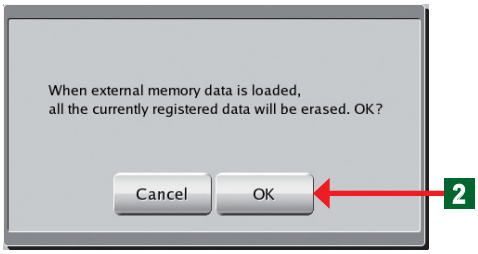


- Connect the USB memory storing the indoor unit registration data to the terminal.

1 Click “Select” button of “Indoor unit registration by importing external memory data”.

◆ “Data Importing Confirmation” screen opens.

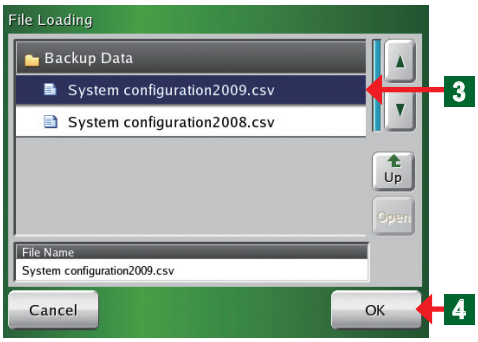
Data Importing Confirmation



2 Click “OK” button.

◆ “File Loading” screen opens.

File Loading



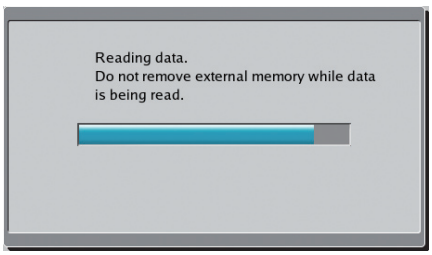
3 Click the file name to be imported.

◆ The selected filename is selected and the display becomes blue.

4 Click “OK” button.

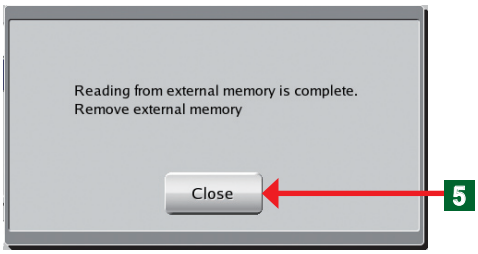
◆ “Importing Data” screen opens.

Importing Data



◆ “Importing from external memory is complete” screen opens.

Importing from external memory is complete.



5 Click “Close” button.

- Pull out the external memory from the USB terminal.

Note

When the “Close” button is clicked, whether or not the indoor unit which is importing data is in the system is automatically checked.

3-6-12 Exporting indoor unit registration data

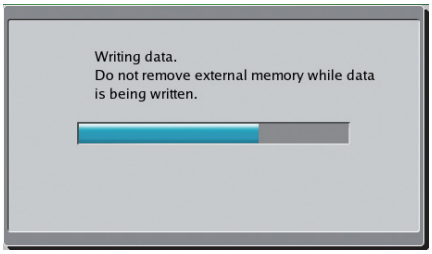
Installer Setting (Unit Registration)

- Connect the USB memory to which the indoor unit registration data is to be stored to the terminal.

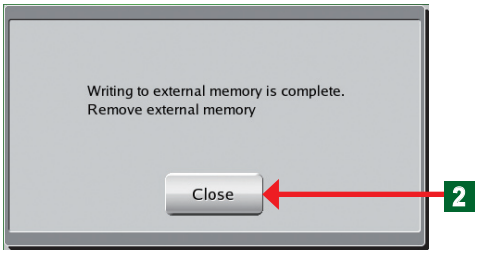
1 Click “Select” button of “Export registered data to external memory”.

- ◆ The message “Exporting data” appears on the screen.
- ◆ At the end of exporting, the message screen disappears.
- ◆ “Exporting to external memory is complete.” screen opens.

Exporting Data



“Exporting to external memory is complete.”



2 Click “Close” button.

- Pull out the USB memory from the terminal.

Notice

The data is saved under the following name in the USB directory. In + date + time
Example: In0901011200
2009/01/01/12:00

3-6-13 Registering the Electricity Meter

Installer Setting (Unit Registration)

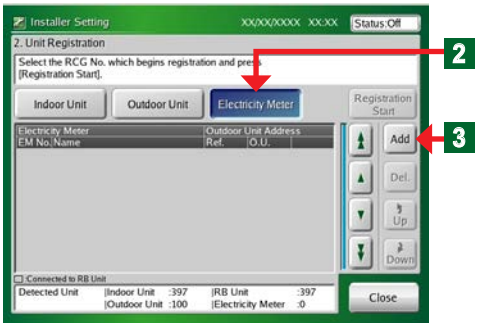
1 Click “Select” button on "Register by manual setting".

◆ “Unit Registration” screen opens.

Note

The “Installer Setting (Unit Registration)” screen is the same as the “Installer Setting (Unit Registration) Addition/Deletion” screen which is opened when the “Select” button was clicked at step [1] of 3-6-7.

Installer Setting (Unit Registration)

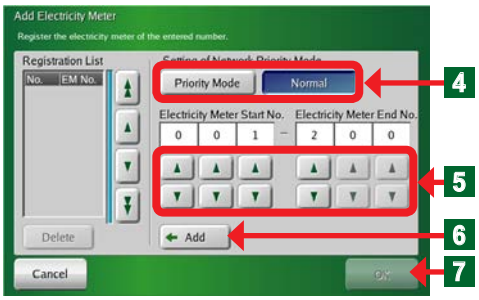


2 Click "Electricity Meter" button.

3 Click "Add" button.

◆ “Add Electricity Meter” screen opens.

Installer Setting (Add Electricity Meter)



4 Click "Priority Mode" or "Normal" in the "Setting of Network Priority Mode".

Note

When scanning is performed in the “Priority Mode”, operation of all the units in the system stops. (Recommended setting)
When you do not want to stop operation, perform scanning in the Normal mode.

5 Set "Electricity Meter Start No." and "Electricity Meter End No." using “▲” or “▼” button.

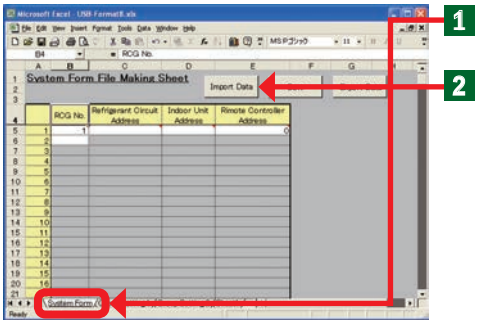
6 When the setting is complete, click "Add" button.

7 When the setting is confirmed, click "OK" button.

◆ "Add Electricity Meter" screen closes.

3-6-14 Editing the system configuration file of the touch panel controller by PC

- **Create a indoor unit register file by PC and register it at the touch panel controller.**
- Use the “File Making Sheet” by copying it from the CD-ROM supplied.
- When correcting the touch panel controller registration data; see par. 3-6-11.



- Open “System Form File Making Sheet” file.

1 Click “System Form” sheet tab.

- Connect the USB memory containing “Indoor unit registration data” to the PC.

2 Click “Import Data” button.

- Select the file to be imported at “System Form” sheet.

Note

Display of the screen at file selection is different depending on the operation software.

◆ Data is imported at “System Form” sheet.

Note

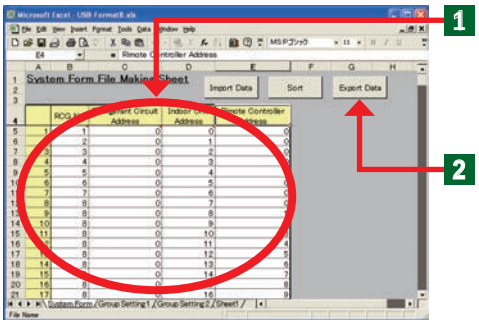
When generating new data from the PC, register it directly to the file making sheet.

- A system composition file is newly created from the PC and is registered to the touch panel controller.

Notice

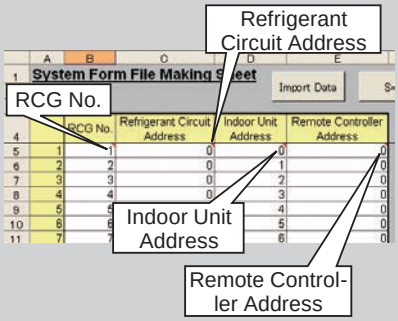
When editing at the file making sheet and importing the data to the touch panel controller, pay attention to the following points.
Since the registered indoor unit data is overwritten and the following data are changed when data is imported, always confirm the data after setting.

- Group setting data
- Schedule data (unit setting)
- History (outdoor unit and indoor unit errors and operation)



Notes

Address number input



Note: Only half-size characters can be input.

Note

When the address sequence must be changed, “Sort” button on “System Form” sheet can be used.

1 Edit the contents of “RCG No.”, “Refrigerant Circuit Address”, “Indoor Unit Address”, and “Remote Controller Address”.

Notes

Contents which can be set

RCG No. (Remote Controller Group No.)	Select and enter the remote controller group by consecutive No. from 1. However, make the same remote controller group the same number. (However, RCG No.:1 cannot be changed.)
Refrigerant Circuit Address	Enter the refrigerant system address (0-99).
Unit Address	Enter the indoor unit address (0-63).
Remote Controller Address	Enter the remote controller address (0-15). Input sequentially beginning from 0.

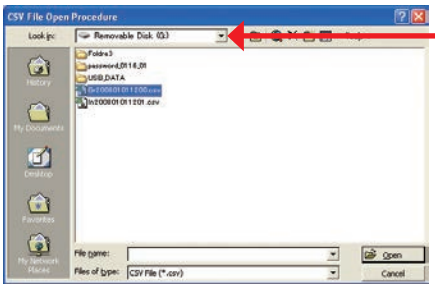
- **At the end of all editing, save the file.**

2 Click “Export Data” button.

Notes

When "Sort" / "Export Data" button was clicked and there is an error in the entered address, it is automatically checked and an error is generated. If there are no errors, the file is output.

Error message	Problem point
Entered data error. RCG No. is a value other than blank or 1-400. Enter correct data.	·RCG No. is blank or a value other than 1-400.
Entered data error. Refrigerant Circuit Address is a value other than blank or 0-99. Enter correct data.	·Refrigerant Circuit Address is blank or a value other than 0-99.
Entered data error. Indoor Unit Address is a value other than blank or 0-63. Enter correct data.	·Indoor Unit Address is blank or a value other than 0-63.
Entered data error. Remote Controller Address is a value other than blank or 0-15. Enter correct data.	·Remote Controller Address is blank or a value other than 0-15.
Entered data error. RCG No. is not sequential. Enter correct data.	·RCG No. is not consecutive.
Entered data error. Remote Controller Address of master unit is not 0. Enter correct data.	·Master Remote Controller Address is not 0.
Entered data error. Remote Controller Address of slave units is not sequential. Enter correct data	·Slave Remote Controller Address is not consecutive.
Entered data error. Remote Controller Address of slave units is incorrect. Enter correct data.	·Slave Refrigerant Circuit Address is incorrect.
Entered data error. Address is duplicated. Enter correct data.	·Address is duplicated.



◆ A save destination window opens.

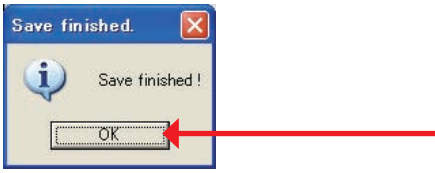
3 Select USB memory.

- After the end of importing of the file, “Save finished” screen is opened and a message is confirmed.

4 Click “OK” button.

◆ Close a screen.

- Disconnect the USB memory from the terminal.

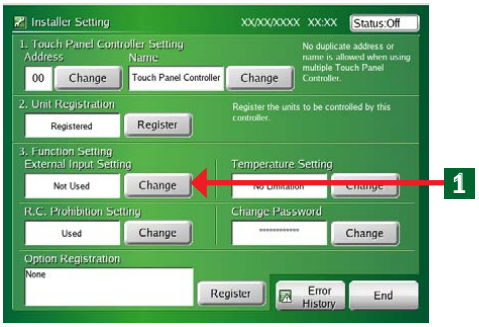


Note

To import by touch panel controller, always output and save the file by “Export Data”.

3-6-15 Setting the external input signal

Installer Setting



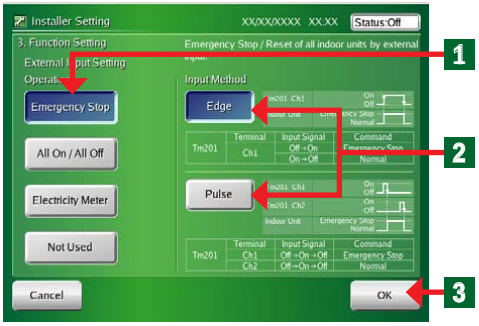
- Set the external input signal.

1 Click “Change” button on “External Input Setting”.

◆ “External Input Setting” screen opens.

■Setting which emergency-stops the system by external input signal

Installer Setting (Function Setting/External Input Setting)



1 Click “Emergency Stop” button.

2 Click “Edge” or “Pulse” button, depending on the type of signal to be input.

3 Click “OK” button.

◆ The set contents are entered and “Installer Setting” screen is opened.

■Setting which turns the system “All On/All Off” by external input signal

Installer Setting (Function Setting/External Input Setting)

1 Click “All On/All Off” button.

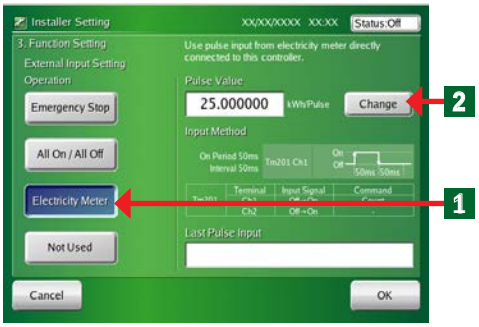
2 Click “Edge” or “Pulse” button, depending on the type of signal to be input.

3 Click “OK” button.

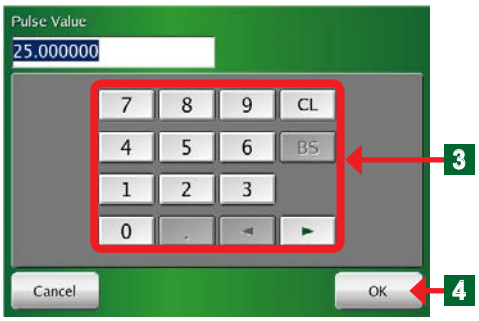
◆ The set contents are entered and “Installer Setting” screen is opened.

■Setting the electricity meter by external input signal

Installer Setting (Function Setting/External Input Setting)



Installer Setting (Pulse Value)



- **Set the signal conditions sent from electricity meter to this unit.**

1 Click "Electricity Meter" button.

2 Click "Change" button.

◆ “Palse Value” screen opens.

3 Enter the values in the "Pulse Value” using numeric buttons.

Note

- "Pulse Value" : electricity consumption (kWh) per 1 pulse sent from electricity meter
- Input range : 0.000001 to 100

4 At the end of setting, click “OK” button.

◆ “Installer Setting” screen opens.

■Disabling operation setting by external input signal

Installer Setting (Function Setting/External Input Setting)

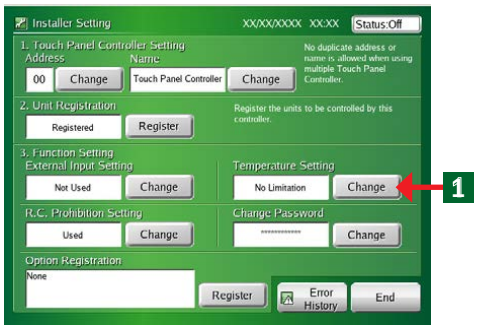
1 Click “Not Used” button.

2 Click “OK” button.

◆ The set contents are entered and “Installer Setting” screen is opened.

3-6-16 Setting the temperature display unit

Installer Setting



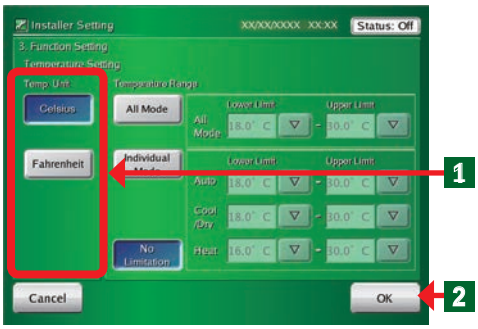
- **This function limits the width over which the temperature can be set from touch panel controller to indoor unit.**

1 Click “Change” button of “Temperature Setting”.

◆ “Temperature Setting” screen opens.

■Setting the temperature display unit

Installer Setting (Function Setting/Temperature Setting)



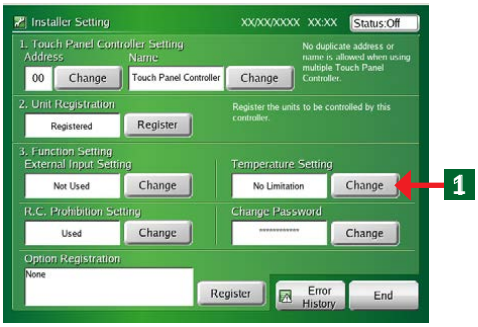
- **Set the temperature unit used in the region where the system is to be installed.**

1 Click “Celsius(°C)” or “Fahrenheit(°F)” button.

2 Click “OK” button.

3-6-17 Setting the settable temperature range

Installer Setting



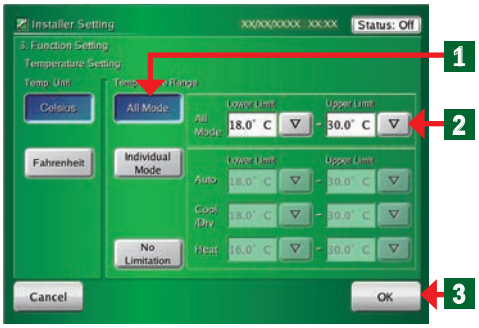
- **This function limits the width over which the temperature can be set from touch panel controller to indoor unit.**

1 Click “Change” button of “Temperature Setting”.

◆ “Temperature Setting” screen opens.

■Setting the settable temperature range

Installer Setting (Function Setting/Temperature Setting)



- **Makes the width the all operation modes same settable temperature range.**

1 Click “All Mode” button of “Temperature Range”.

2 Select the low limit temperature and high limit temperature by clicking “▽” button.

3 Click “OK” button.

◆ The set contents are entered and “Installer Setting” screen is opened.

Notes

- See the table at the right for the temperature ranges which can be set.
  Set temperature high and low limit values (The temperature cannot be set above the high value or below the low value.)

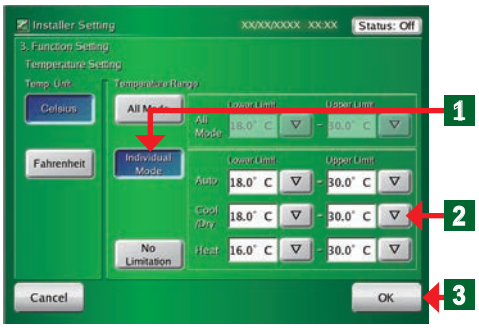
Temperature unit	Celsius	Fahrenheit
Set temperature (Auto, Cool, Dry)	18 - 30°C	64 - 88°F
Set temperature (Heat)	10 - 30°C	48 - 88°F

Notes

- Set the upper and lower limit temperatures settings performed in the touch panel controller.
  *The upper and lower limit temperatures settings from the Standard Remote Controllers are not restricted.
- **See par. “3-3-3” for setting the upper and lower limit temperatures settings to the registered indoor unit.**

■Setting the settable temperature range for each operation mode

Installer Setting (Function Setting/Temperature Setting)



- **Set the settable temperature range for each operation mode.**
- **Set the temperature of “Auto”, “Cool/Dry”, and “Heat” operation modes of “Individual Mode”.**

1 Click “Individual Mode” button of “Temperature Range”.

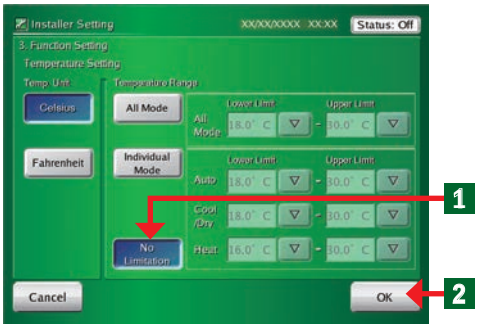
2 Select “Lower Limit” and “Upper Limit” by clicking the “▽” button for each operation mode.

3 Click “OK” button.

◆ The set contents are determined and “Installer Setting” screen is opened.

■Disabling settable temperature range setting

Installer Setting (Function Setting/Temperature Setting)



- **Disabling settable temperature range setting.**

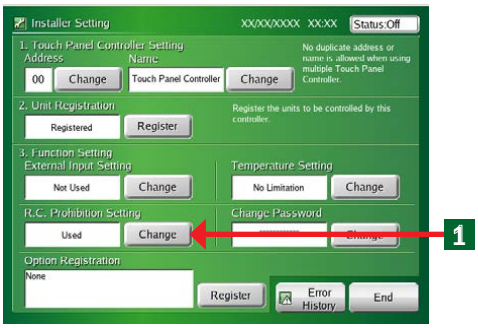
1 Click “No Limitation” button.

2 Click “OK” button.

◆ The set contents are determined and “Installer Setting” screen is opened.

3-6-18 Setting the remote controller operation prohibition

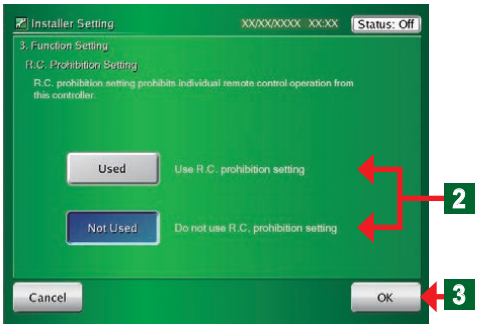
Installer Setting



1 Click "Change" button of R.C. Prohibition Setting.

◆ “R.C. Prohibition Setting” screen opens.

Installer Setting (Function Setting/R.C. Prohibition Setting)

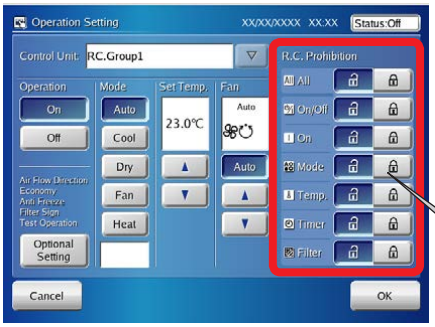


2 To enable the R.C. Prohibition setting, click “Used” button or to disable the R.C. Prohibition setting, click “Not Used” button.

3 Click “OK” button.

◆ The set contents are determined and “Installer Setting” screen opens.

Operation Setting (Monitor Mode)



Operation Setting (Schedule)

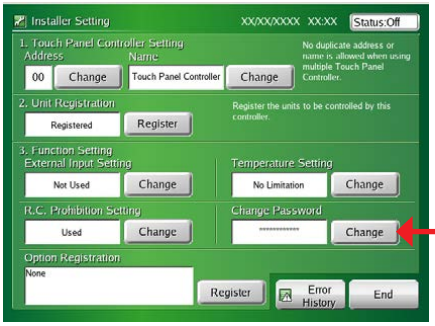
Note

When prohibit setting was set to disable (“Not Used”), the remote controller operation restricted button of “Operation Setting” screen is not displayed on the screen.

When “Not Used” was set, the remote controller operation restricted button of “Operation Setting” screen is not displayed on the screen.

3-6-19 Changing the installer setting password

Installer Setting



Change Installer Setting Password

1 Click “Change” button of “Change Password.”

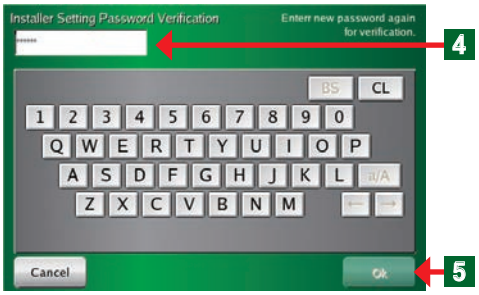
◆ “Keyboard (Change Installer Setting Password)” screen is opened.

2 Enter “New Password”.

3 Click “OK” button.

◆ “Installer Setting Password Verification” screen is opened.

Installer Setting Password Verification



4 Enter the same password at step **2** again.

5 Click “OK” button.

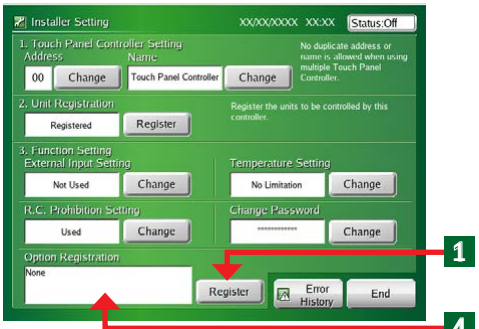
◆ “Installer Setting” screen opens.

Notes

If you forget the password the subsequent installer setting will be impossible.
Make a note of the password so as not to forget the password.

3-6-20 Setting the option registration

Installer Setting

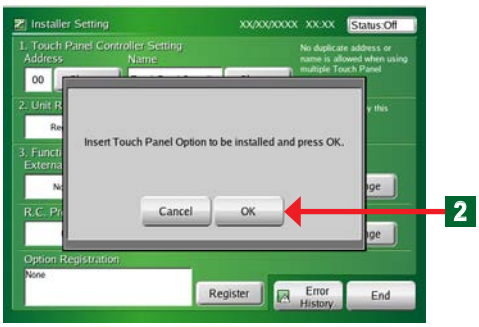


1 Click "Register" button on"Option Registration".

Note

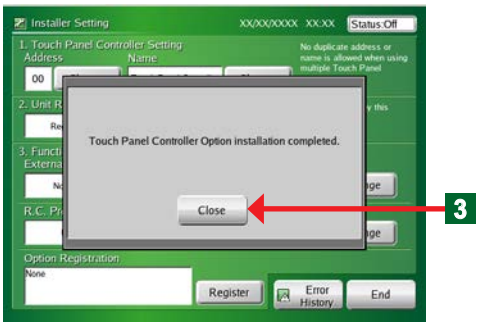
This item can be performed only by users which purchase the optional part.

Installer Setting



2 Insert an optional USB memory to this unit.
When sub-screen appears, click "OK" button.

Installer Setting

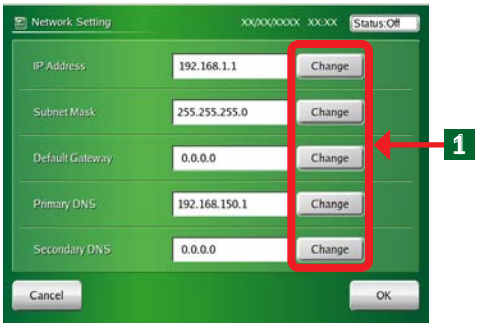


3 Click "Close" button.

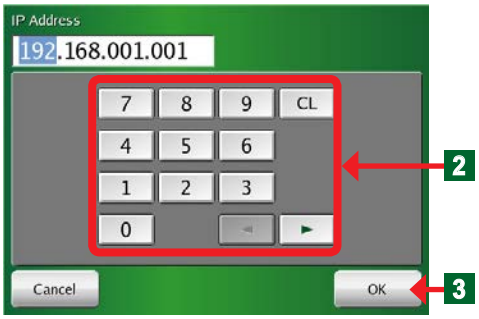
4 When the registration is complete, an optional parts name is displayed in the "Optional parts". Then, check it.

3-7-1 Main screens of network setting

Network Setting



Address setting (for IP Address setting)



- **When remote control function, function of E-mail notification for malfunction, or electricity charge apportionment option is used via LAN, the following settings are necessary. For the information required for setting, check with your network administrator.**

  (1) "IP Address",
  (2) "Subnet Mask"
  (3) "Default Gateway"
  (4) "Primary DNS"
  (5) "Secondary DNS"

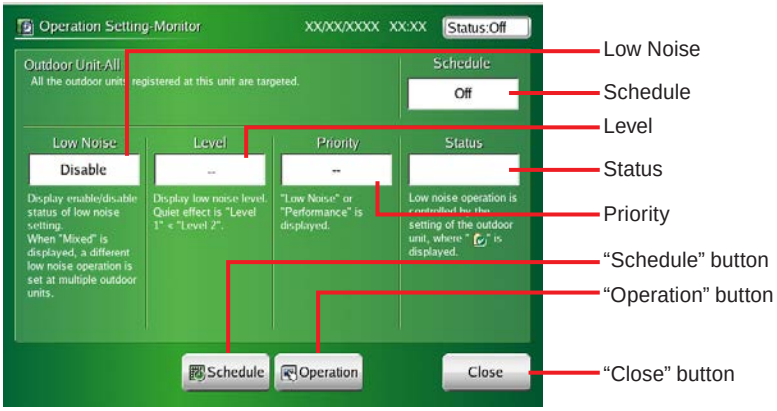
1 Click "Change" button in the item you want to set.

2 Enter the data of item using numeric buttons. In the same way, enter the data in the other items.

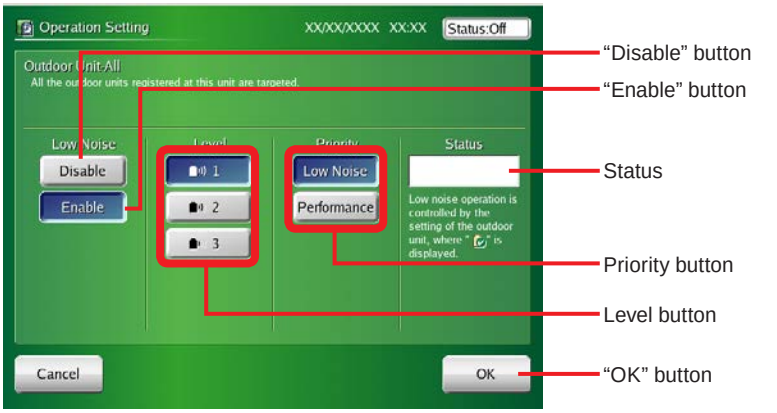
3 When the setting is complete, click "OK" button.

3-8-1 Main screens of low noise operation

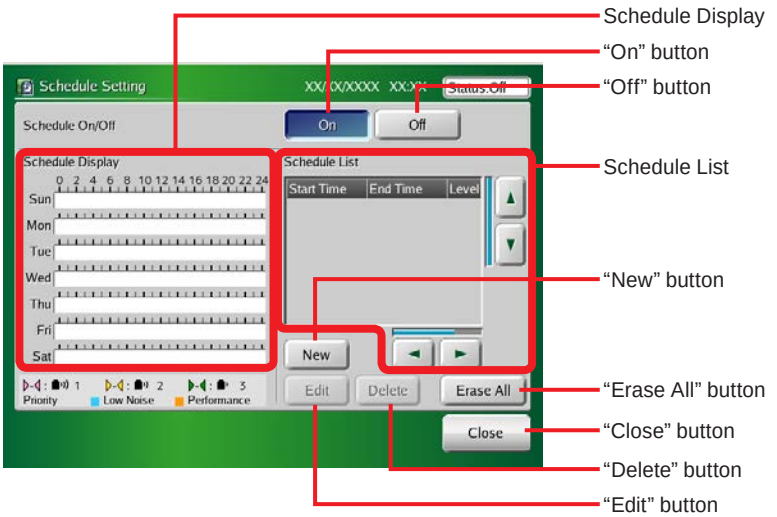
Operation Setting-Monitor



Operaiton Setting (manual setting)



Operation Setting (schedule setting)



3-8-2 Setting operation for low noise setting

Operation Setting-Monitor (Outdoor Unit-All)

Operation Setting (Outdoor Unit-All)

- Lower the operating sound of outdoor unit.
- "Low noise operation" is set to all the outdoor units registered by this controller.
- When "Low noise operation" function is set to "On", maximum performance of cooling or heating is restricted.

1 Click “Operation” button on "Operation Setting-Monitor".

◆ "Operation Setting" screen opens.

2 Click "Enable" button on "Low Noise".

3 Click the button you want to set from "1", " 2", or "3" button on "Level".

Notes

Level 1 : The effect of decreasing the outdoor sound is small.
Level 2 : The effect of decreasing the outdoor sound is normal.
Level 3* : The effect of decreasing the outdoor sound is large.
(*Level 3 may not be displayed depending on the connected outdoor unit.)

4 Click the button you want to set from "Low Noise" or "Performance" button on "Priority".

Notes

Low Noise : Gives the priority to the low noise operation.
Performance : Gives the priority to the performance operation.

5 When the setting is complete, click "OK" button.

Notes

When outdoor units with 2 setting levels and outdoor units with 3 setting levels are mixed in one refrigerant system, the menu screen in which 3 setting levels can be set is displayed. In this case, even if the outdoor unit with 2 setting levels is set to Level 3, the actual setting will be Level 2.

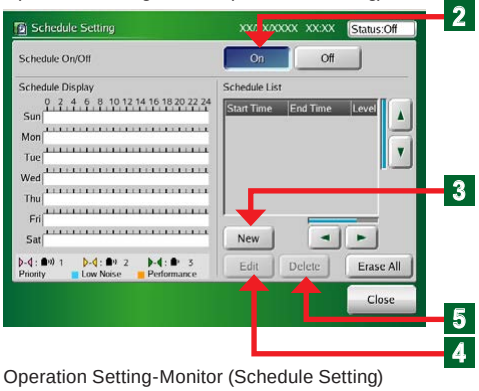
3-8-3 Setting schedule of low noise setting

Operation Setting-Monitor (Outdoor Unit-All)

1 Click “Schedule” button on "Operation Setting-Monitor".

◆ "Schedule Setting" screen opens.

Operation Setting-Monitor (Schedule Setting)



2 Click "On" button in "Schedule On/Off ".

3 When new schedule is set, click "New" button. Go to step **6**.

4 When changing the already input schedule, click "Edit" button. Go to step **6**.

5 When deleting the already input schedule, click "Delete" button.

Operation Setting-Monitor (Schedule Setting)

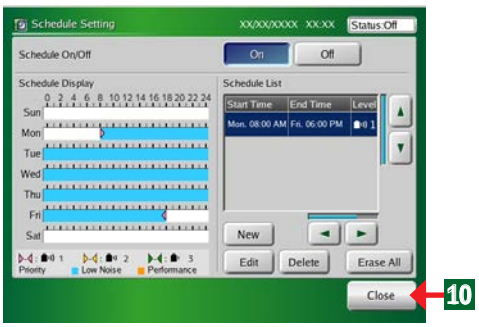
6 Set "Start Time" and "End Time" of low noise operation using “▲” and “▼” buttons. Then, set "Level" and "Priority".

7 Click the button you want to set from "1", " 2", or "3" button on "Level".

8 Click the button you want to set from "Low Noise" or "Performance" button on "Priority".

9 When the setting is complete, click "OK" button.

Operation Setting-Monitor (Schedule Setting)



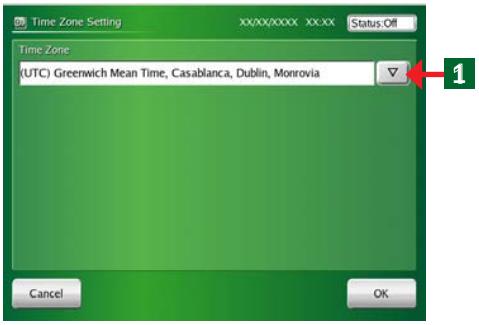
10 Check the set contents. If the setting is correct, click "Close" button.

Note

When timer setting is complete, if “On/Off” setting item is set to “On”, the operation starts according to the set schedule.

3-9-1 Setting the time zone

Time zone setting

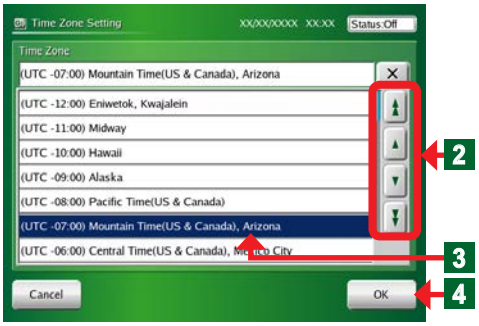


- Set the time zone of the area where this unit is used.

1 Click “▽” button on "Time Zone".

◆ Time zone list opens.

Time zone setting



2 Display the “Time zone” of the area where this unit is used using Up button or Down button.

3 Click the “Time zone” of the area where this unit is used

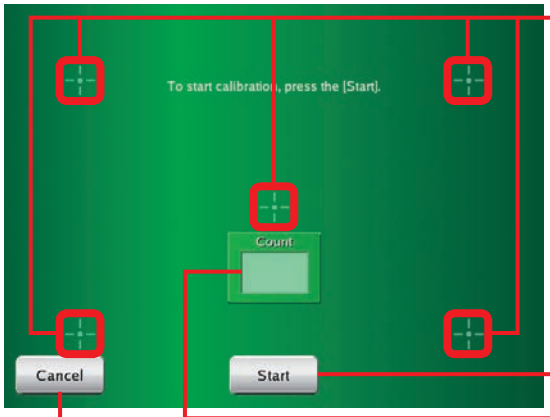
4 Click “OK” button.

Chapter 4 PREFERENCE SETTING

4-1 Preference Setting

4-1-1 Main screens of preference setting

Panel Calibration



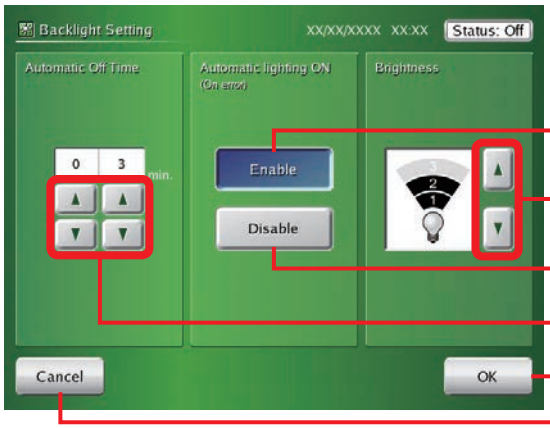
Point to be clicked (5 points)
+ Mark which shows the place to be clicked.

"Start" button

Count (number of times clicked) window

"Cancel" button

Backlight Setting



"Enable" button

"Brightness" button

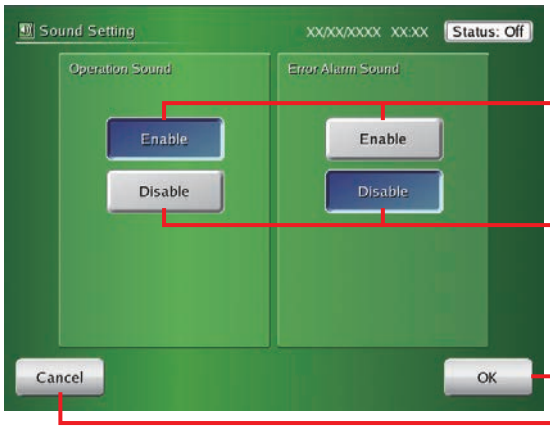
"Disable" button

"Automatic Off Time" button

"OK" button

"Cancel" button

Sound Setting



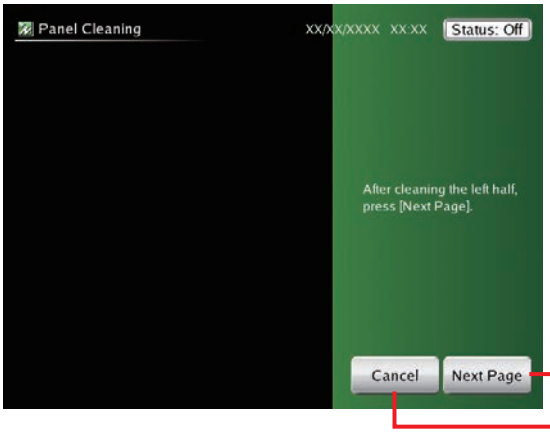
"Enable" button

"Disable" button

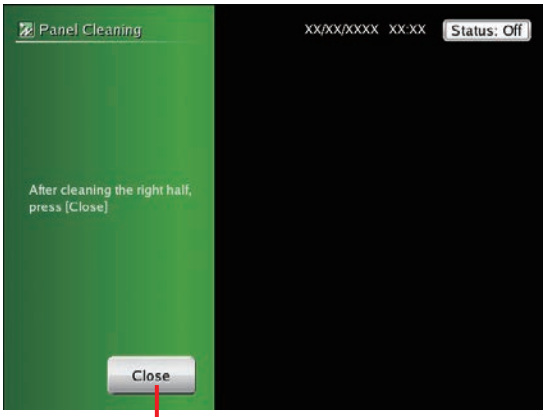
"OK" button

"Cancel" button

Panel Cleaning (Left Side)

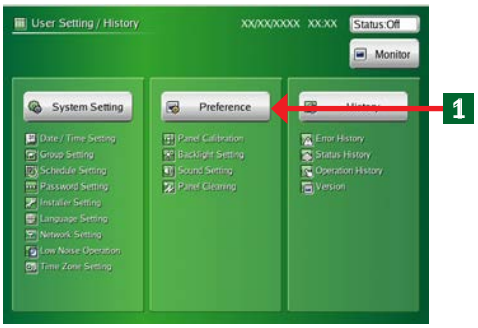


Panel Cleaning (Right Side)



4-1-2 Adjusting touch panel position offset

User Setting/History



1 Click "Preference" button.

◆ "Preference" screen opens.

Note

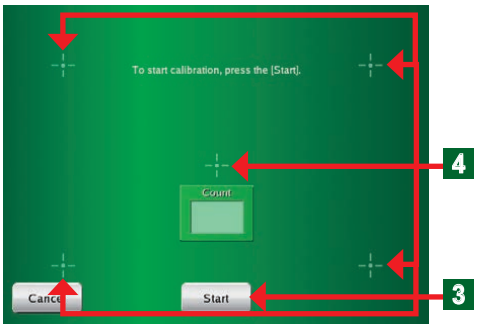
There are 4 items on "Preference" screen: "Panel Calibration", "Backlight Setting", "Sound Setting", and "Panel Cleaning".

Preference

2 Click "Panel Calibration" button.

◆ "Panel Calibration" screen opens.

Panel Calibration

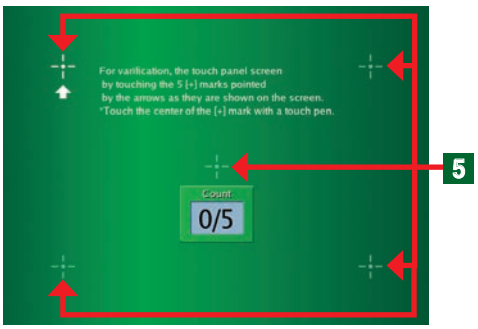


3 To start calibration, click "Start" button.

4 Click the 5 points each 1 sec or longer in accordance with the instructions on the screen using the touch pen in accordance with the message on the screen.

◆ When 5 points are clicked, the screen is changed to “Panel Calibration (Confirmation)” screen.

Panel Calibration (Confirmation)



5 Click 5 points in accordance with the instructions on the screen using the touch pen.

◆ At the end of Calibration, “Preference” screen opens.

Note

When Calibration fails, the display returns to “Panel Calibration” screen of step **4**.
Repeat this until correct Calibration is performed.

4-1-3 Setting automatic lights-out time of backlight

Preference

1 Click “Backlight Setting” button.

◆ “Backlight Setting” screen opens.

Backlight Setting

2 Adjust the time until backlighting is turned off automatically after the end of touch panel operation from 1 minute to 60 minutes (1 minute interval) using “▲” and “▼” buttons of “Automatic Off Time”.

3 At the end of setting, click “OK” button.

◆ “Preference” screen opens.

4-1-4 Setting automatic backlighting on when an error occurs

Preference

Backlight Setting

1 Click “Backlight Setting” button.

◆ “Backlight Setting” screen opens.

2 Click “Enable” of “Automatic Lighting ON (On error)” button.

Notice

When set to Disable, backlighting is not automatically turned on even if an error occurs.

Notice

When backlighting was turned on when an error occurred, it is not turned off until the screen is touched. (When the screen is touched, backlighting is turned off after the set Automatic Off Time .)

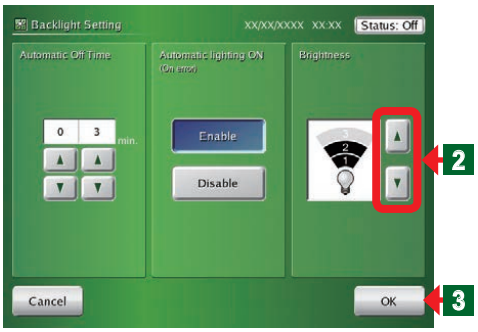
3 At the end of setting change, click “OK” button.

◆ “Preference” screen opens.

4-1-5 Setting backlighting brightness

Preference

Backlight Setting



1 Click “Backlight Setting” button.

◆ “Backlight Setting” screen opens.

2 Select the brightness from among 3 steps using “▲” and “▼” buttons of “Brightness”.

1 ←→ 2 ←→ 3
Dark Bright

3 At the end of setting change, click “OK” button.

◆ “Preference” screen opens.

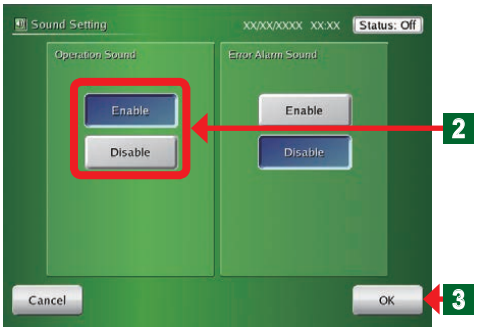
4-1-6 Setting the beep sound of operation confirmation

Preference

1 Click “Sound Setting” button.

◆ “Sound Setting” screen opens.

Sound Setting



2 To output a beep sound, click “Enable” button of “Operation Sound”.
To not output a beep sound, click “Disable” button.

3 At the end of setting change, click “OK” button.

◆ “Preference” screen opens.

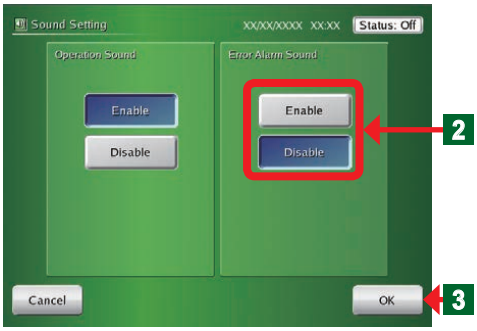
4-1-7 Setting the beep sound of error alarm

Preference

1 Click “Sound Setting” button.

◆ “Sound Setting” screen opens.

Sound Setting



2 To output an error alarm sound, click “Enable” button of “Error Alarm Sound”.
To not output an error alarm sound, click “Disable” button.

Note

When set to Enable, a beep sound is output when an error occurs even if “Operation Sound” was set to Disable. The error alarm beep sound is output until there is no more error or the screen is touched.

3 At the end of setting change, click “OK” button.

◆ “Preference” screen opens.

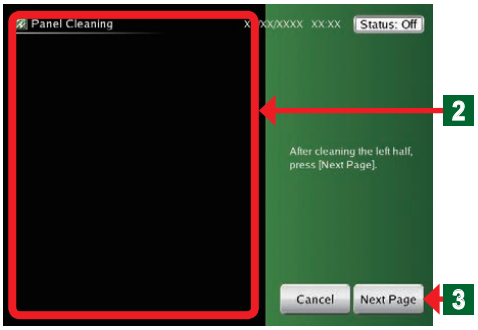
4-1-8 Wiping clean the touch panel surface

Preference

1 Click “Panel Cleaning” button.

◆ “Panel Cleaning” screen opens.

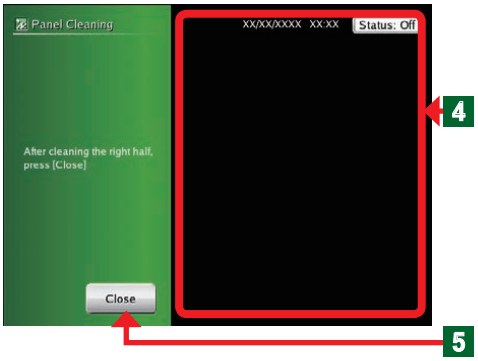
Panel Cleaning (Left Side)



2 Wipe clean the left half of the touch panel.

3 After wiping clean, click “Next page” button.

Panel Cleaning (Right Side)



4 Wipe clean the right half of the touch panel.

5 After wiping clean, click “Close” button.

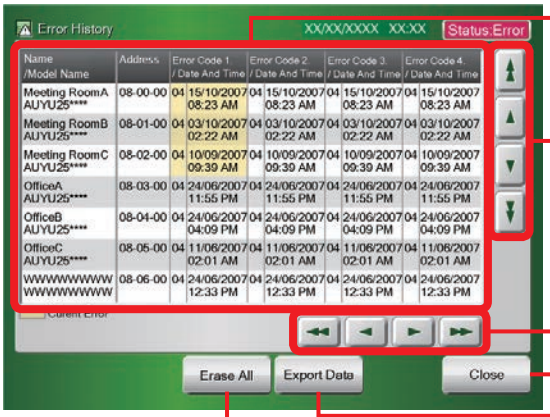
◆ “Preference” screen opens.

Chapter 5 HISTORY

5-1 History Display

5-1-1 Main screens of history setting

Error History



Error History list screen

Screen display scroll (up/down) button

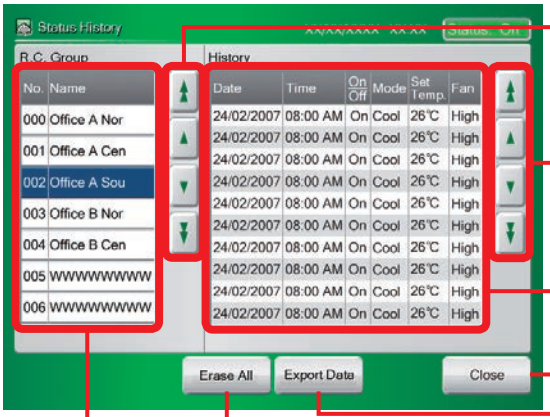
Screen display scroll (left/right) button

"Close" button

"Export Data" button

"Erase All" button

Status History



Remote Controller Group screen scroll (up/ down) button

History screen scroll (up/ down) button

History display screen

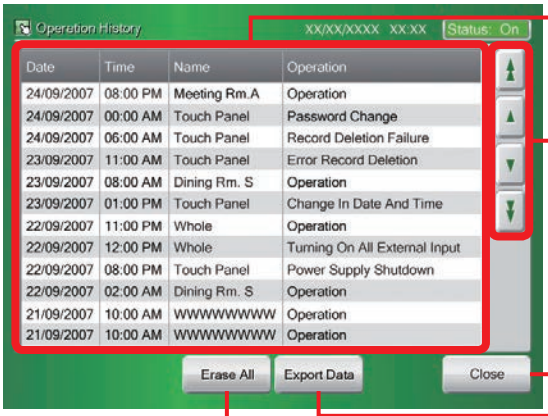
"Close" button

"Export Data" button

"Erase All" button

Remote Controller Group display screen

Operation History



Operation History list screen

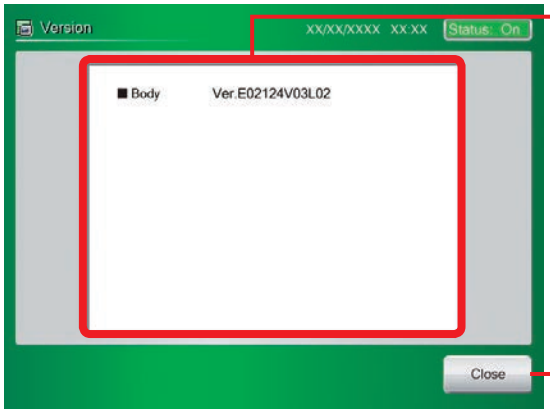
Screen display scroll (up/down) button

"Close" button

"Export Data" button

"Erase All" button

Version



Version screen

"Close" button

5-1-2 Displaying error history

Monitor Mode (Icon)

- **From Monitor Mode screen to Error History screen**

1 Click "Setting" button.

◆ "User Setting/History" screen opens.

Note

Also the same as when "Setting" button was clicked from the Monitor Mode screen (List).

User Setting/History

2 Click "History" button.

◆ "History" screen opens.

Note

There are 4 buttons on "History" screen: "Error History", "Status History", "Operation History", and "Version".

History

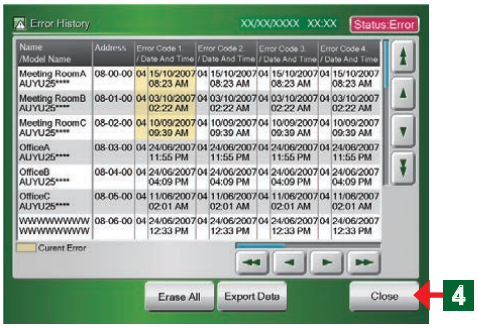
3 Click “Error History” button.

- ◆ “Error History” screen opens.
- “Error History” of each indoor unit, outdoor unit, and touch panel controller is displayed.

Note

The refrigerant system address, indoor unit address, remote controller address, error generation date/time and error code up to the last 10 errors are displayed for each indoor unit.

Error History

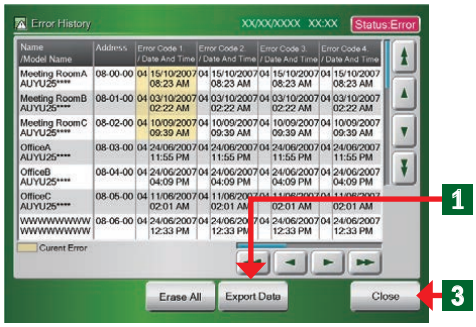


4 Click “Close” button.

- ◆ “History” screen opens.

5-1-3 Exporting error history data to the external memory

Error History



- Connect a USB memory to the external memory terminal.

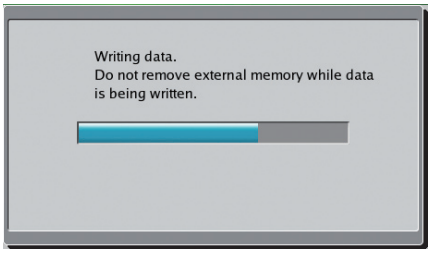
1 Click “Export Data” button.

- ◆ “Exporting data” screen opens.
- ◆ “Exporting to external memory is complete” screen opens.
- ◆ File exporting ends.

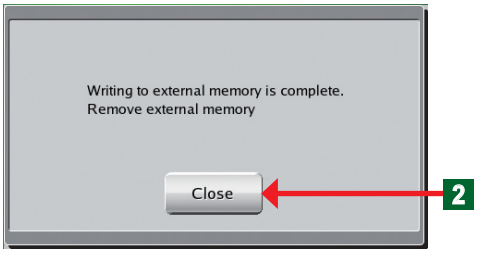
Notice

The file is saved under the following name in the USB memory directory.
Er + date + time

Exporting Data Screen



Exporting to External Memory is complete



2 Click “Close” button.

- ◆ “Error History” screen opens.

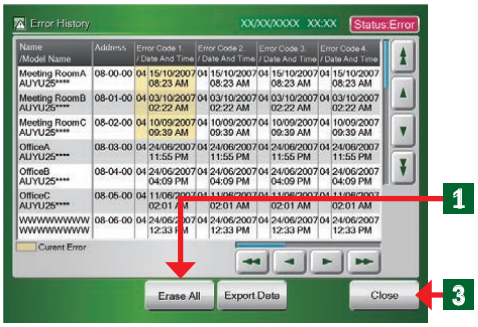
- Disconnect the USB memory from the external memory terminal.

3 Click “Close” button.

- ◆ “History” screen opens.

5-1-4 Deleting all error history data

Error History



1 Click “Erase All” button.

◆ “Erase All” screen opens.

Erase All

2 Click “OK” button.

◆ All saved error history is deleted.

3 Click “Close” button.

◆ “History” screen opens.

5-1-5 Displaying status history

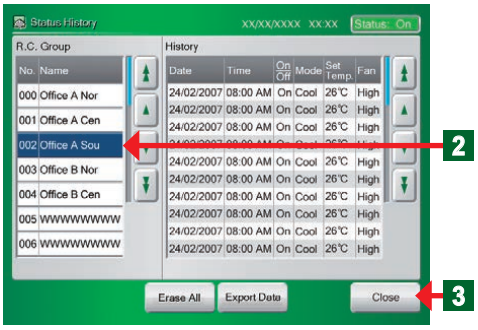
History

1 Click “Status History” button.

◆ “Status History” screen opens.

● “Status History” of each indoor unit is displayed.

Status History



2 Click the R.C. Group name you want to confirm from the RC group list.

◆ Display of the selected name becomes blue.

◆ The record of “Status History” of that RC group is displayed at the right side of the screen.

Note

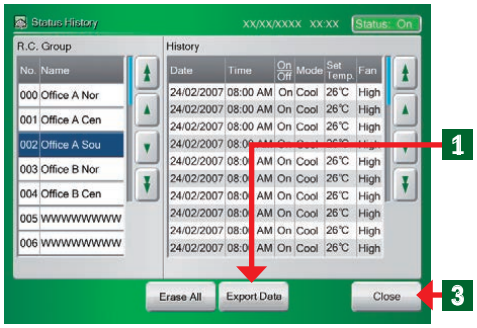
Data of up to the last 100 items of date, time, and operation status (on/off, operation mode, set temperature, air flow) of the selected RC group is displayed.

3 At the end of confirmation, click “Close” button.

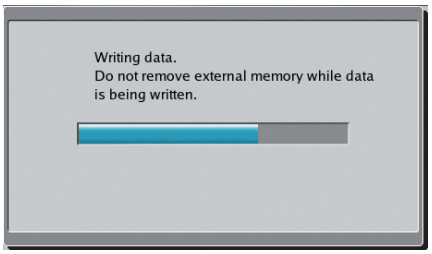
◆ “History” screen opens.

5-1-6 Exporting status history data to the external memory

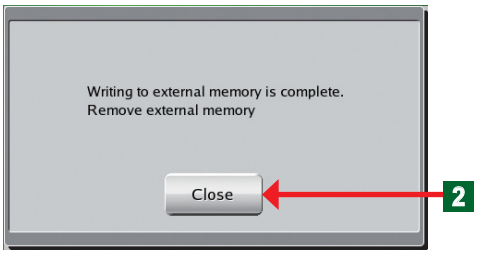
Status History



Exporting Data Screen



Exporting to External Memory is complete



- Connect a USB memory to the external memory terminal.

1 Click “Export Data” button.

- ◆ “Exporting data” screen opens.
- ◆ “Exporting to external memory is complete” screen opens.
- ◆ File exporting ends.

Notice

The file is saved under the following name in the USB memory directory.
Dr + date + time

2 Click “Close” button.

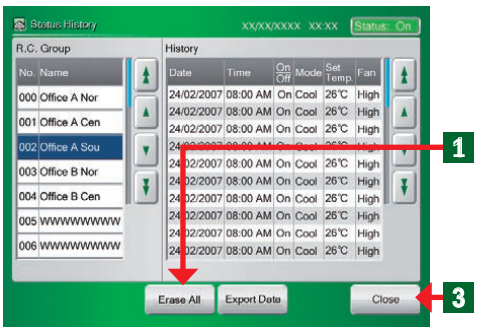
- ◆ “Status History” screen opens.
- Disconnect the USB memory from the external memory terminal.

3 Click “Close” button.

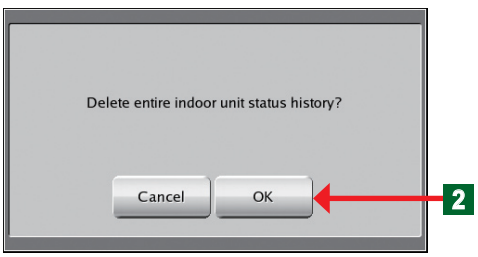
- ◆ “History” screen opens.

5-1-7 Deleting all status history data

Status History



Erase All



- **Delete “Status History” data.**

1 Click “Erase All” button.

- ◆ “Erase All” screen opens.

2 Click “OK” button.

- ◆ All saved status history is deleted.

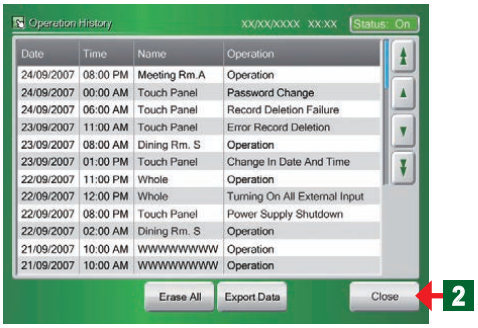
3 Click “Close” button.

- ◆ “History” screen opens.

5-1-8 Displaying operation history

History

Operation History



1 Click “Operation History” button.

◆ “Operation History” screen opens.

- The contents of operation of other equipment from the touch panel controller and the contents of setting changes made by touch panel controller can be checked.

Note

The date and time operation was performed, the units that performed a change and the contents of operation are displayed for up to the last 100 items.

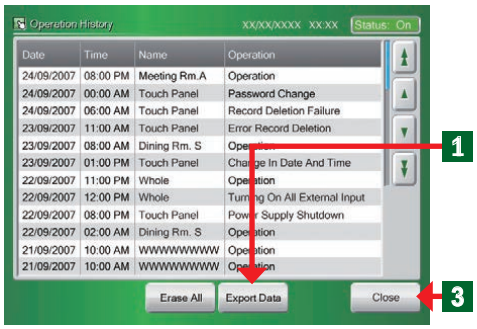
◆ Confirmation ends.

2 Click “Close” button.

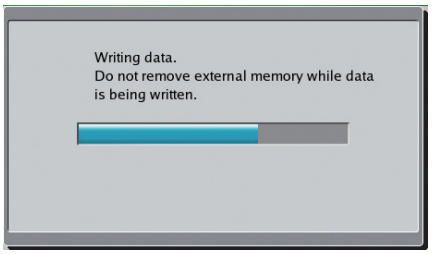
◆ “History” screen opens.

5-1-9 Exporting operation history data to the external memory

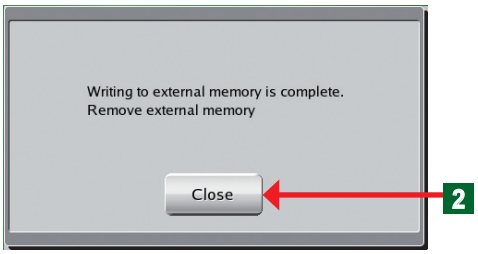
Operation History



Exporting to External Memory is complete



Exporting Complete Screen



- Connect a USB memory to the external memory terminal.

1 Click “Export Data” button.

◆ “Exporting data” screen opens.

◆ “Exporting to external memory is complete” screen opens.

◆ File exporting ends.

Notice

The file is saved under the following name in the USB memory directory.
Op + date + time

2 Click “Close” button.

◆ “Operation History” screen opens.

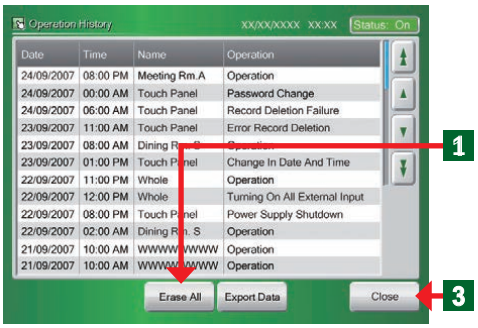
- Disconnect the USB memory from the external memory terminal.

3 Click “Close” button.

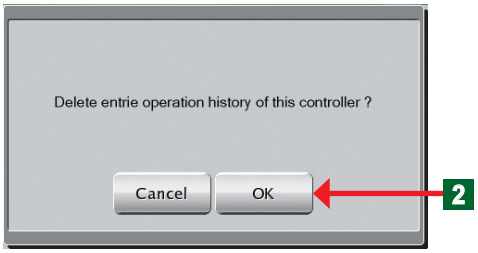
◆ “History” screen opens.

5-1-10 Deleting all operation history data

Operation History



Erase All



- **Delete “Operation History” data.**

1 Click “Erase All” button.

◆ “Erase All” screen opens.

2 Click “OK” button.

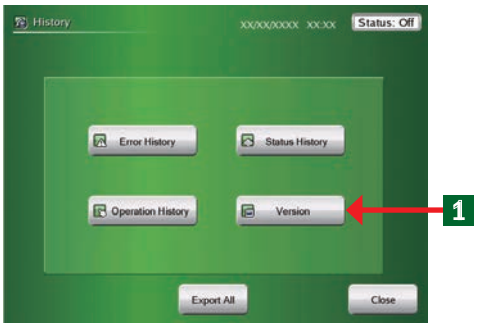
◆ All saved operation history is deleted.

3 Click “Close” button.

◆ “History” screen opens.

5-1-11 Displaying version information

History



Version

1 Click “Version” button.

◆ “Version” screen opens.

- Check the touch panel controller software version contents.

Note

The touch panel controller software version information can be checked at “Version” screen.

◆ Confirmation ends.

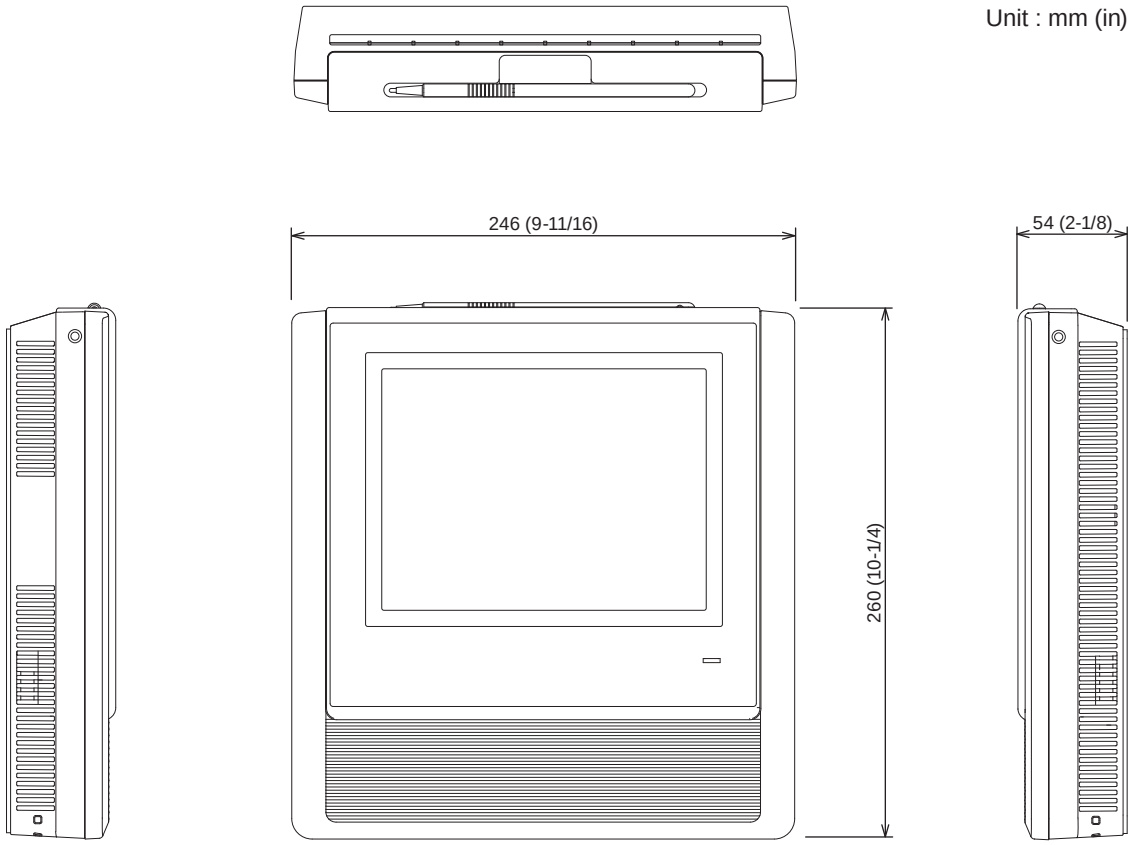
2 Click “Close” button.

◆ “History” screen opens.

Chapter 6 OTHERS

6-1 Outline dimensions

Unit : mm (in)



6-2 **Specifications**

Model name	UTY-DTG∗Z1
Power source voltage	1 ø AC100 - 240 V
Power source frequency	50 / 60 Hz
Power consumption	22W
Display	7.5-inch TFT color LCD display (640 x 480 pixels), with Touch panel
LED indicator	Power LED (Green)
External interface	USB 2.0
	Transmission
	Ethernet port (Ethernet port is required for remote connection using internet.)
	EXT IN: (Either emergency stop or batch operation/stop, Electricity meter) (Either no-voltage contacts or voltage contacts can be selected)
	EXT OUT: (Operation state, error state)
	Reset SW
Usage temperature range °C (°F)	0 to 40 (32 to 104)
Usage humidity range (%)	0 to 85 (no condensation)
Storage temperature range °C (°F)	-20 to 70 (-4 to 158)
Storage humidity range (%)	0 to 85 (no condensation)
Dimensions [H x W x D] mm (in)	260 x 246 x 54 (10-1/4 x 9-11/16 x 2-1/8)
Weight g (oz)	2150 (76)

* The liquid crystal panel is manufactured using high precision technology, but there may be 0.01% or less mixing pixels or continuously lighted pixels. This is not a trouble.

6-3 Error code

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

Error code	Contents
16.1	Transmission PCB connection error
16.3	LAN communication error
16.4	Peripheral device network communication error
17.1	Electricity charge apportionment error
C1.1	Main PCB error
C2.1	Transmission PCB error
C3.1	PCB 1 error
C8.1	Input device error
CF.1	External connector error (USB memory)