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# OPERATING MANUAL (SITE ADJUSTMENT)

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## MELANS (MJ-300)

### FOR FAO

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MITSUBISHI ELECTRIC CORPORATION  
LIVING ENVIRONMENT SYSTEMS ENGINEERING CENTER

## I. System configuration

### 1.1 System block diagram

See the SPECIFICATION OF BUILDING AIR CONDITIONER SYSTEM.

### 1.2 Operating machine connection

Connect the RS-232C cable extending from the IFU board with the personal computer main unit.

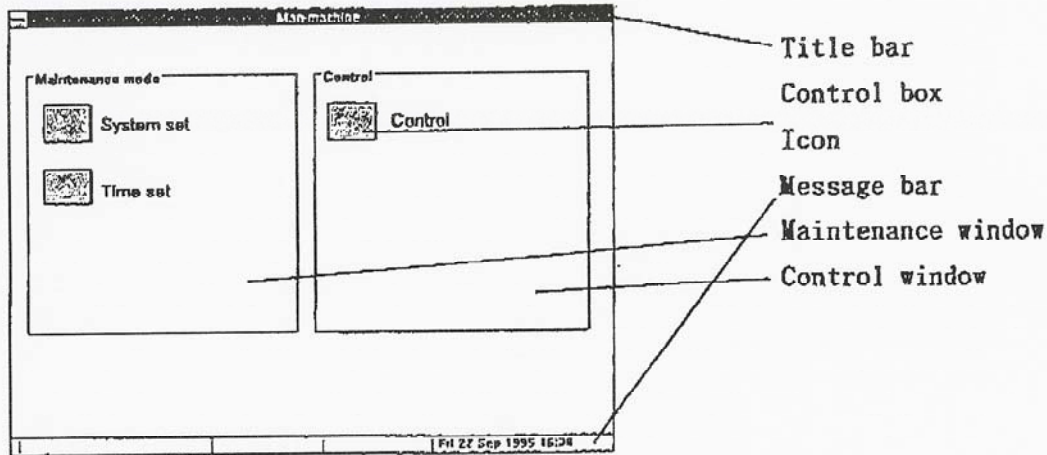
(Connect to the communication port A "Series A" on the computer main body. )

For the personal computer's connector, see the operating manual of the computer's operating manual.

## 2. PART NAMES AND FUNCTIONS

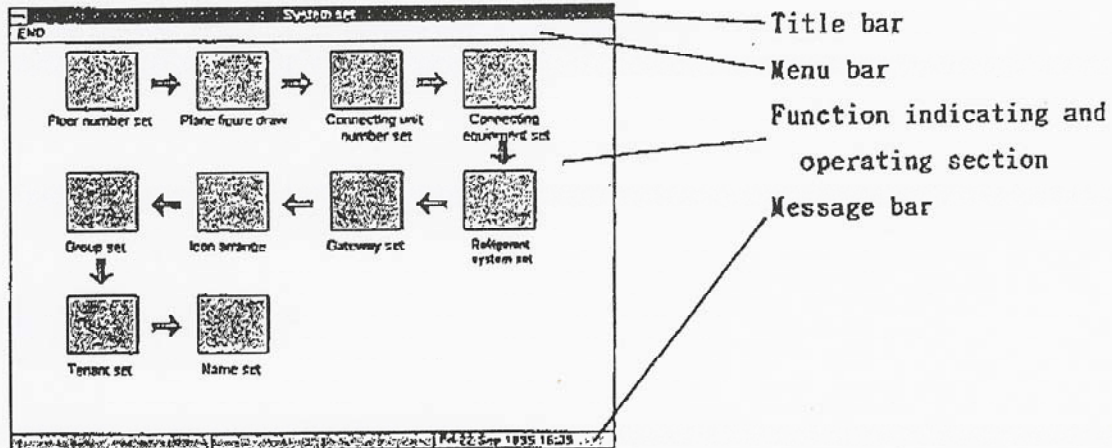
### 2.1 Window structure

The first window that appears just after the power-up is referred to as "initial window". This window consists of the following items:



In the Maintenance window, click one of icons that represent functions to open each window. The start-up window of each function includes the followings:

#### Start-up window (example)



**Title bar:** Indicates the title of the window.

**Menu bar:** Menu is a list of the functions you can use on the window.

The terms in the menu bar represent the functions.

Click each term to open the menu.

**Function indicating and operating section:** Indicates the contents of the window.

**Message bar:** Indicates the help and the current time.



## 2.2 Using the mouse

Prepare a mouse for the operation of the system.

Place the mouse on a flat surface with a little friction.

The code-connected side is the upper side of the mouse.

The mouse is equipped with two buttons.

Hold the mouse, and lightly touch the buttons with the forefinger and the middle finger.

The left button is a main button, and used for the operation mentioned below.

When moving the mouse, keep your eyes upon the mouse pointer (a moving arrow) on the display.

To move the pointer largely on the window, slide the mouse in a desired direction and lift in the air to return to the original position. Repeat this until the pointer reaches the desired point.

Wherever the mouse is moved in the air, the mouse pointer will not move.

The following terms describe actions you can perform with the mouse.

Click: Quickly press and release the mouse button

Double click: Click the mouse button twice in rapid succession  
(Used to select new icon)

Drag: Move the mouse until the tip of the pointer rests where you want to point, and move the mouse while you press and hold the mouse button.  
(Used for grouping units, etc.)



## 2.3 Available functions

This operating machine has two major functions.

- (1) Monitoring, operating, presetting of air conditioner operation
- (2) Initializing and maintaining the operating machine and system to enable the above function

This instruction describes mainly the function (2).

The function (2) consists of the following items.

The window that displays this function is referred to as the initial window.

- Time setting
  - Presets the current time.
  - Summer time adjustment
- System programming
  - Presets the equipment to be connected and the air conditioner groups, and prepares floor plans.
- Louver, vane, and air speed setting
  - Presets the functions that are available for each group.

### 3. Initial start-up

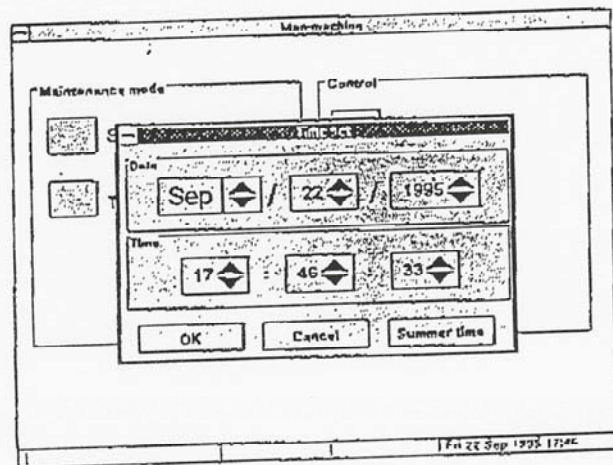
Turn ON the power to the personal computer. Make sure the power to IFU is turned ON. (If not, turn it ON.)

### 3.1 Time setting

Function Sets the current time, which will be transmitted to IFU and controlled there.

How to set

- (1) Click the Time set button.
- (2) The Time set window opens.
- (3) Click the  $\Delta$ / $\nabla$  buttons to set the date and time.
- (4) Click the OK button.
- (5) The Time set window closes.



Switching to summer time

- (1) Click the Summer time button.  
Each click turns ON/OFF the indication "Summer time" before the time display.
- (2) To activate the summer time, click the OK button while "Summer time" is on display.  
The time setting window closes and the current time displayed in the lower right-hand side advances one hour.
- (3) To inactivate the summer time, turn OFF the indication "Summer time" and click the OK button. The time setting window closes and the current time displayed in the lower right-hand side goes back one hour.

### 3.2 System programming

**Function** Prepares the floor plans that will be used in the normal operation window, and programs the units connected in this system.

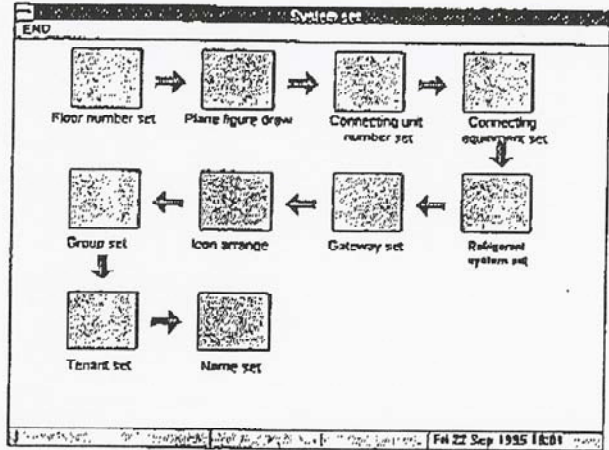
How to set

(1) Click the System set button.

(2) The System set window opens.

First of all, set the floor number, and then proceed in the order as indicated by the arrows (→).

1. Floor number set
2. Plane figure draw
3. Connecting unit number set
4. Connecting equipment set
5. Refrigerant system set
6. Gateway set
7. Icon arrange
8. Group set
9. Block set ( On the display, indicated as TENANT.)
10. Name set



When revising preset data, set only the related items.

To finish the system programming, take the following steps.

- (1) Choose the END command in the menu bar.
- (2) The END menu opens.
- (3) Click the OK button.

\* Hereinafter the steps from (1) to (3) is described as "Click OK in the END menu".

(4) The System set window closes.



**CAUTION:** Before opening the control window, be sure to click the OK button to transmit the data to the system. If the Cancel button is clicked instead, the setting data can not be transmitted to the system. (However, the data will be saved.)

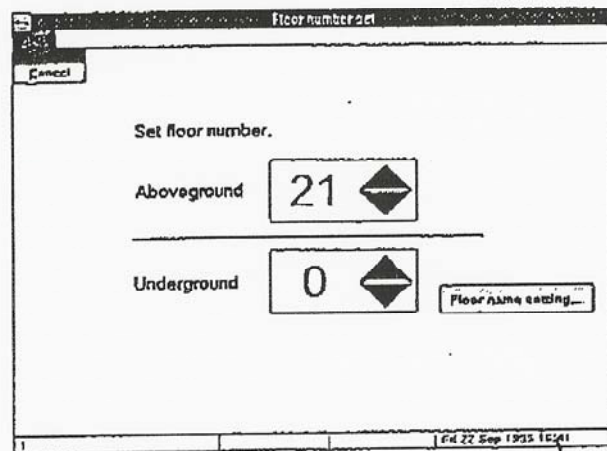
## 1. Floor number setting

### What to set

Sets the number of floors this machine will control.

### How to set

- (1) Click the Floor No. set icon.
- (2) Enter the number of stories above and under the ground, using the up/down ( $\Delta$ / $\nabla$ ) buttons.
- (3) Click the END command in the menu bar.
- (4) Click the OK button.



### How to use $\Delta$ / $\nabla$ buttons

Numeric display advances by one each time " $\Delta$ " is clicked, and goes back by one each time " $\nabla$ " is clicked. Pressing and holding the mouse button for more than 2 seconds will change the value at higher speed.

Application

To assign a name to a floor

- (2) Click the Floor name setting button.
- (3) The Floor name set window opens.
- (4) Designate a floor to name.
- (5) The cursor appears.  
Using the keyboard, enter a name within eight letters.

Floor	Floor name	Floor	Floor name	Floor	Floor name
1F	1F East	2F	1F Mid.	3F	1F West
4F	2F East	5F	2F Mid.	6F	2F West
7F	3F East	8F	3F Mid.	9F	3F West
10F	4F East	11F	4F Mid.	12F	4F West
13F	5F East	14F	5F Mid.	15F	5F West
16F	6F East	17F	6F Mid.	18F	6F West
19F	7F East	20F	7F Mid.	21F	7F West

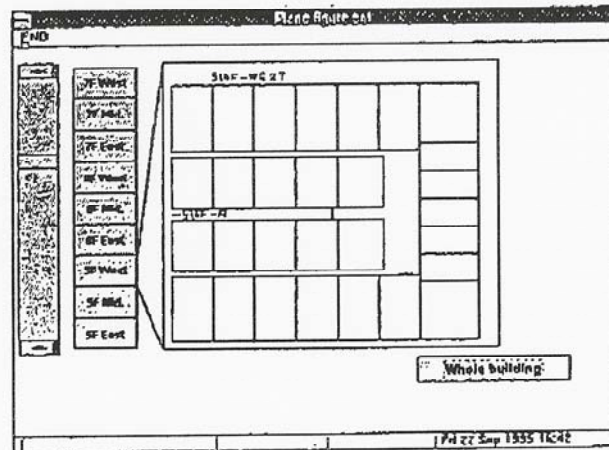
## 2. Floor plan drawing

What to set

Prepares a plan for each floor. The floor plans will be used in the windows to control and monitor the air conditioners.

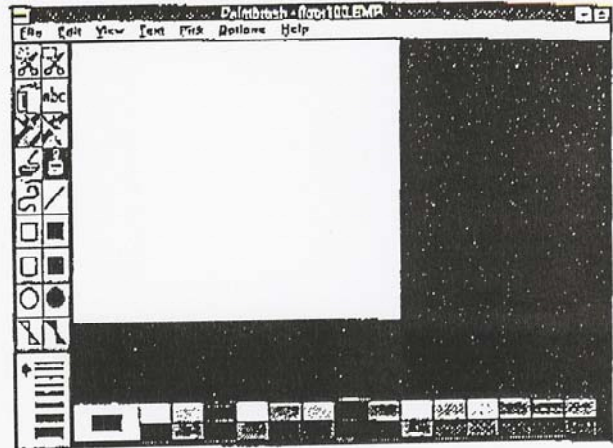
How to set

- (1) Click the Plane figure draw icon.
- (2) The Plane figure set window opens.
- (3) Click the Whole building button.
- (4) Double-click within the frame of the floor plan.



(5) The paint brush is actuated.

CAUTION: When the paint brush is actuated, the file name, window size, and color have been preset. DO NOT change these settings. If the settings are changed, the floor plan display may go wrong.



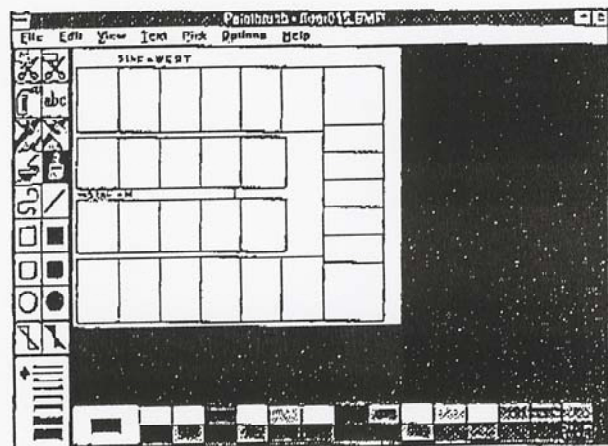
(6) Make your desired plans.

<Example>

Choose the rectangular tool.

Point to one corner of the image area you want to paint, press and hold the left button of the mouse, and drag the pointer diagonally to the opposite corner.

Refer to "WINDOWS v. 3.11 User's Guide" for the details.



(7) Close the paint brush.

Choose the File command in the paint brush menu and then choose the Close paint brush command.

(8) Click OK in the END menu.

(9) The floor plan window closes.

Application To modify the floor plan for each floor

(1) ~ (9) Same as above

(10) Click the 1F button.

(11) Make modification peculiar to 1F by repeating the steps (4) through (9).

Repeat the steps (10) and (11) for each floor.

(12) Click OK in the END menu.



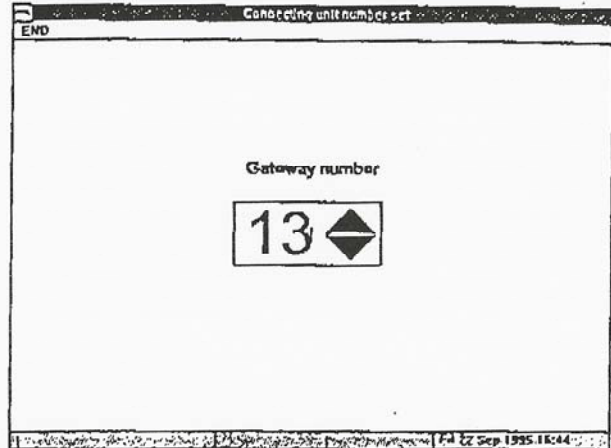
### 3. G/W number setting

#### What to set

Sets the number of G/W units.

#### How to set

- (1) Click the Connecting unit number set icon.
- (2) The Connecting unit number set window opens.
- (3) Enter the number of G/W units connected in this system.  
Click "□" in the table, and  $\Delta$ / $\nabla$  buttons appear.  
Click  $\Delta$ / $\nabla$  buttons and set the number.
- (4) Click OK in the END menu.  
If Cancel is clicked instead, all settings will be canceled.
- (5) The Connecting unit number set window closes.



### 4. Connecting equipment setting

#### What to set

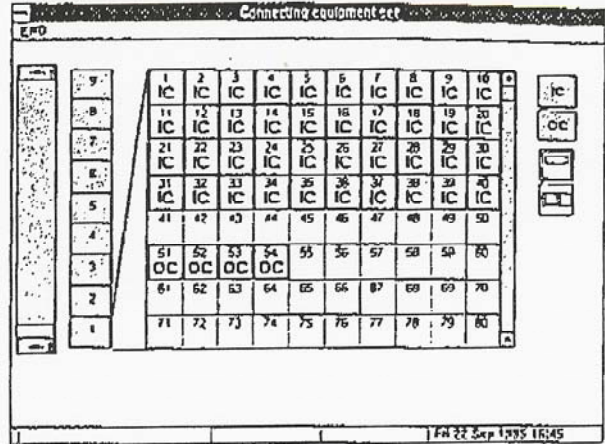
Set the equipment to connect with each G/W.

(e.g. Indoor units, Interface(I/F), Remote controller, and Annunciator)

#### How to set

- (1) Click the Connecting equipment set icon.

- (2) The Connecting equipment set window opens.
- (3) Click the IC icon.  
Designator "IC" appears at the pointer.

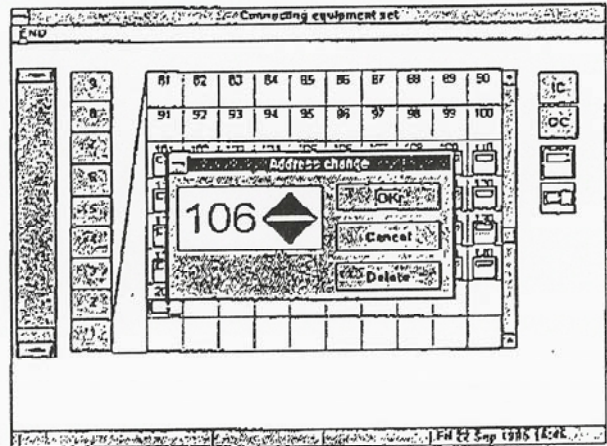


- (4) Click the additional box of the connected indoor unit address. The indoor unit icon appears to show the indoor unit is connected to the address.

- (5) Click the type of the remote controller connected to the indoor unit. The designator changes accordingly.

Description	Designator at pointer
Indoor unit icon	IC
Outdoor unit icon	OC
Remote controller	RC
Block remote controller	TN

- (6) Click the box in which no numeric is displayed. The remote controller icon and the address appear to show the remote controller is connected to the address. The remote controller address can be changed to any desired value. Click the remote controller icon if change the address.



The Address change window appears. Change the address using  $\Delta$ / $\nabla$  buttons. Click the OK button. Now the remote controller address has been changed.

- (9) Choose OK in the END menu.



Application To cancel the preset data

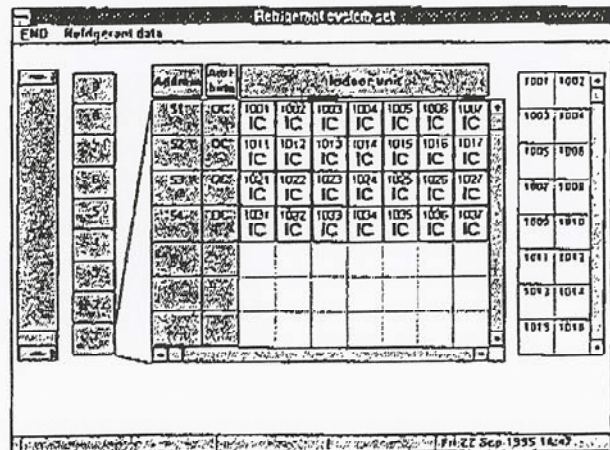
- (1) Click the connected indoor unit.
- (2) The indoor unit icon on display is deleted.
- (3) Click the connected remote controller (block remote controller).
- (4) The Address change window opens.
- (5) Click the Cancel button.
- (6) The window closes and the remote controller icon is deleted.

## 5. Refrigerant system setting

What to set Set the indoor units to connect with the outdoor unit.

How to set

- (1) Click the Refrigerant system set icon.
- (2) The Refrigerant system set window appears.
- (3) To register indoor units connected to an outdoor unit:  
Click the indoor unit icon and click the indoor unit box of the outdoor unit address.  
Make setting for all the indoor units.
- (4) Click OK in the END menu.





### 6. G/W address setting

What to set Sets the address of G/W located on each floor

How to set

- (1) Click the Gateway set icon.
- (2) The Gateway set window opens.
- (3) Set the G/W address.

By clicking the G/W address box(□), the  $\Delta$  $\nabla$  buttons appear. Click these buttons to enter the address.

If your desired floor is not on display, click the  $\nabla$  button in the scroll bar on the right-hand side to scroll the window.

- (4) Click OK in the END menu.

Floor	Gateway address	Floor	Gateway address
1F East	1	1F Mid.	1
1F West	1	2F East	2
2F Mid.	2	2F West	3
3F East	4	3F Mid.	5
3F West	4	4F East	6
4F Mid.	6	4F West	7
5F East	8	5F Mid.	8
5F West	8	6F East	10
			11

Floor	Gateway address	Floor	Gateway address
1F East	1	1F Mid.	1
1F West	1	2F East	3
2F Mid.	2	2F West	
3F East	4	3F Mid.	
3F West	4	4F East	
4F Mid.	6	4F West	
5F East	8	5F Mid.	8
5F West	8	6F East	10
			11

### 7. Group icon layout

What to set Arranges the layout of group icons on each floor

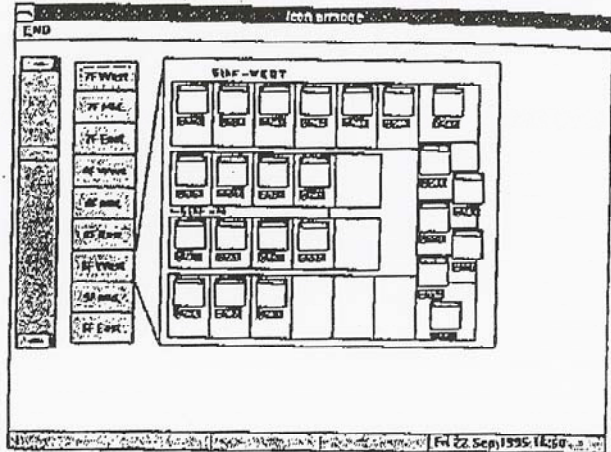
How to set

- (1) Click the Icon arrange icon.

(2) The Icon arrange window opens.

(3) Designate a floor to locate icons by clicking a floor button.

(4) Point to where you want to locate the icon and click.  
At this time, the mouse pointer has a shape like group icon (□).




(5) The icon is located there.  
Locate all icons on the desired floors.

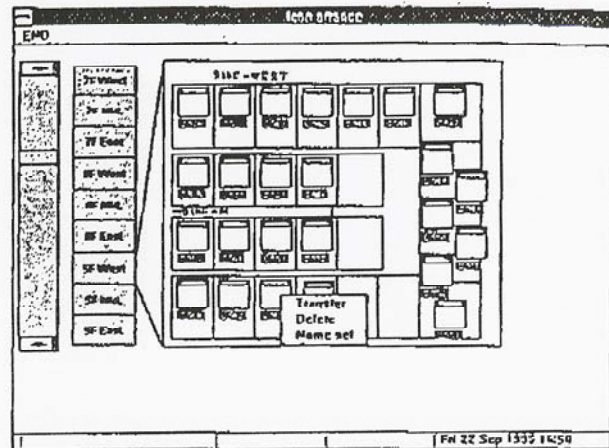
(6) Click OK in the END menu.  
Now, you can name the group icons. Click the desired group icon. The Group name set window opens. Enter the name within 16 letters, using the keyboard. If OK, click the OK button.

Application To change the group icon position

(1) Click the icon to change the position.



- (2) The pop-up menu opens.
- (3) Choose the Paste command.
- (4) The mouse pointer changes to the rectangular(). Move the pointer to your desired point, and click.
- (5) The group icon shifts to new position.

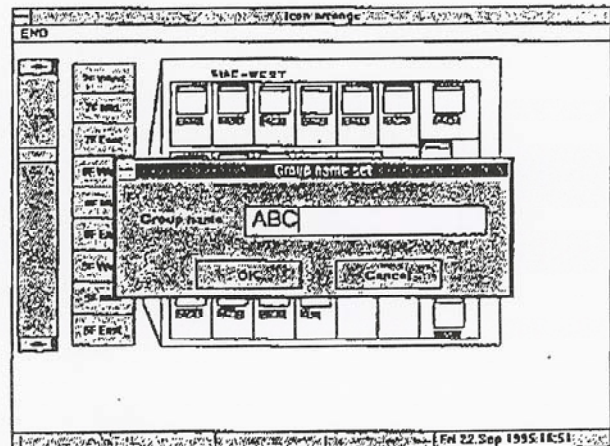


Application To delete a group icon

- (1) Click a group icon to be deleted.
- (2) The pop-up menu opens.
- (3) Choose the Delete command.
- (4) The icon is deleted.

Application To assign a name to group

- (1) Click a group icon to be named.
- (2) The pop-up menu opens.
- (3) Choose the Name set command.
- (4) The Group name set window opens.
- (5) Click the group name box. The keyboard is displayed. Enter a name using the keyboard.
- (6) Click the OK button.
- (7) The Group name set window closes.





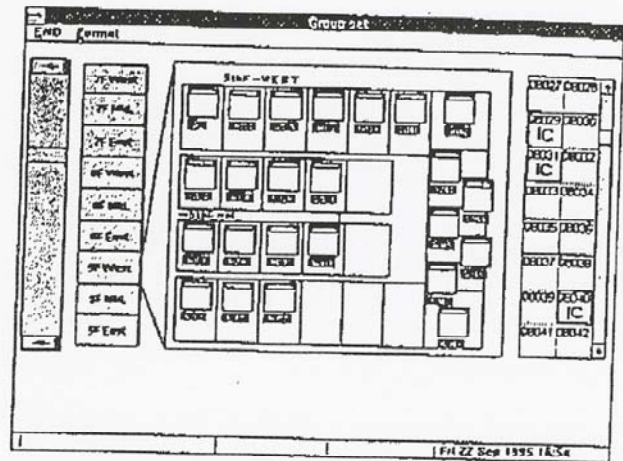
## 8. Group setting

### What to set

Registers units in groups

### How to set

- (1) Click the Group set icon.
- (2) The Group set window opens.
- (3) Choose a desired floor.
- (4) Click an unit icon, and then click a corresponding group icon. The list of units that belong to the group appears. Repeat the same procedure for all groups.

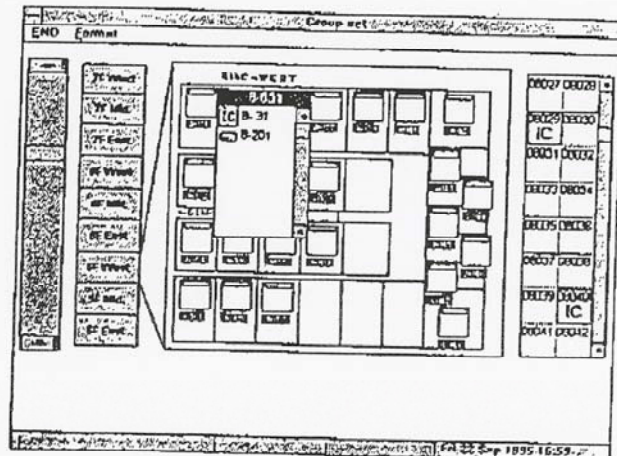


- (5) Click OK in the END menu.

### Application

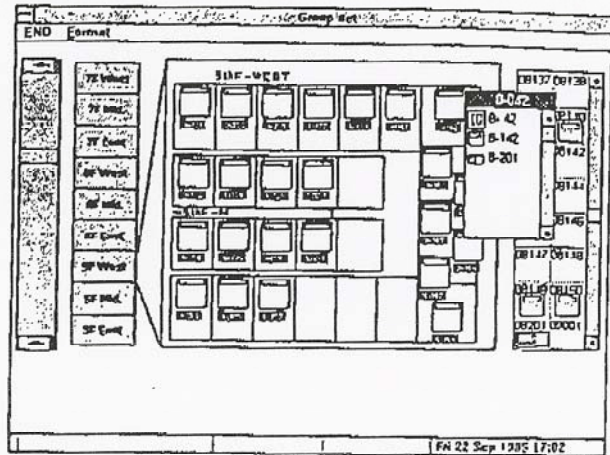
To shift an unit to another group

- (1) Point to a group icon.
- (2) The list of units that belong to the group appears.
- (3) Click the icon of the unit to be shifted, and then click the new group icon.
- (4) The unit list of the previous group closes and that of the new group opens.



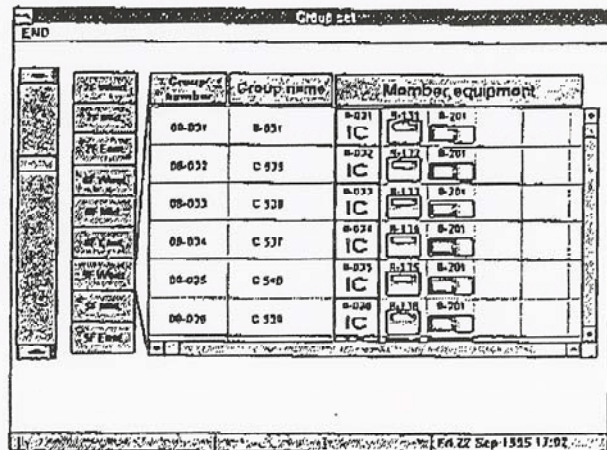
Application To cancel an unit in a group

- (1) Point to a group icon.
- (2) The list of units that belong to the group appears.
- (3) Click an unit icon to delete.
- (4) The unit icon returns to the original equipment icon list.



Application To monitor all units registered in a group

- (1) Click the Format command in the menu bar.
- (2) The display changes.



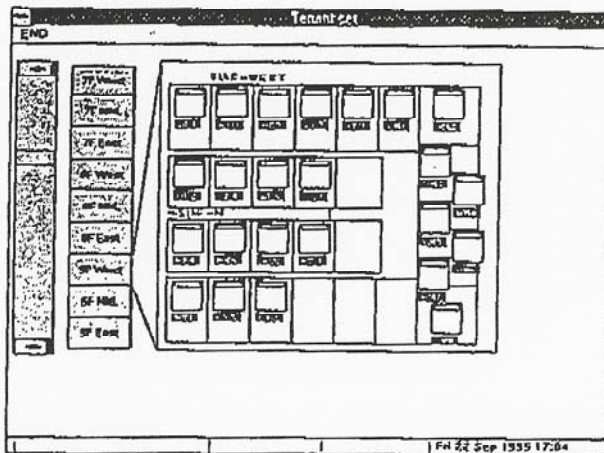


### 9. Block setting

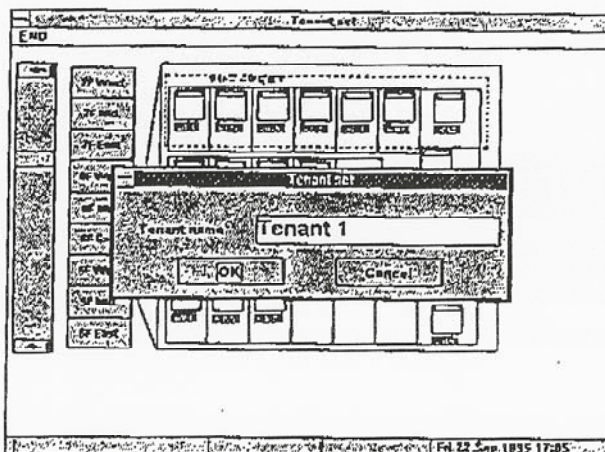
What to set To register groups in a block

How to set

- (1) Click the Block set icon.
- (2) The Block set window opens.
- (3) Designate a floor to set a block. Click a floor button.
- (4) Drag the mouse to enclose groups to set in a block.
- (5) The Block set window opens.
- (6) Click the OK button.



- (7) The Block set window closes and the group icon display changes to Block 1.
- (8) Repeat the same procedure for all blocks.
- (9) Click OK in the END menu.



Application To cancel Group 1-1 from Block 1

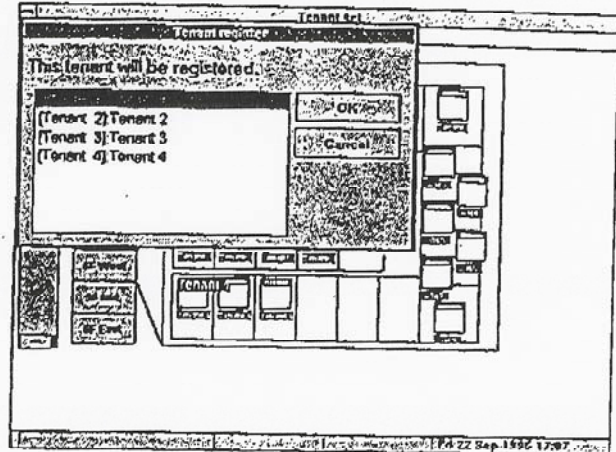
- (1) Click the group icon 1-1 in Block 1.  
To cancel the group, click the group again.
- (2) Group 1-1 is canceled from Block 1 and the icon name changes to 1-1.



Application

To add Group 1-2 into Block 1

- (1) Click the group icon 1-2.
- (2) The Block select menu appears.
- (3) Choose Block 1.
- (4) The group icon changes to Block 1.
- (5) Group 1-2 is additionally registered in Block 1.



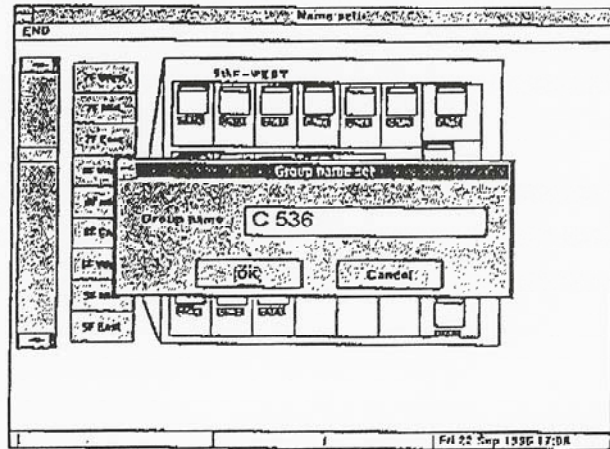
## 10. Name setting

What to set

Assigns a name to group or block

How to set

- (1) Click the Name set icon.
- (2) The Name set window opens.
- (3) Click a group icon to be named.
- (4) The Group name set window opens.
- (5) Click the group name box.
- (6) Click the OK button.
- (7) The Group name set window closes.
- (8) Click the block name box.  
When the menu opens, choose the Name set command.

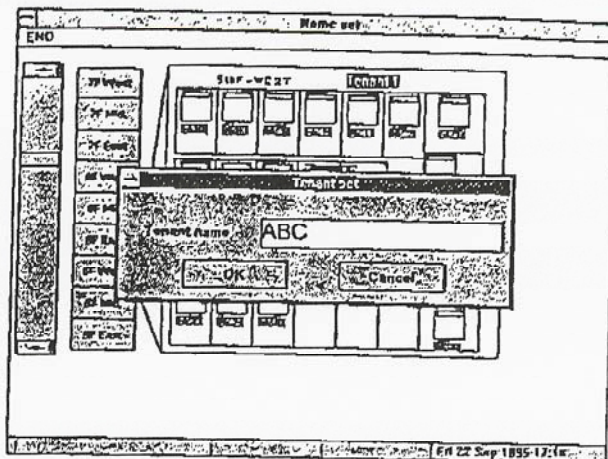


(9) The Block name set window opens.

(10) Click the block name box. Enter a name using the keyboard.

(11) Click the OK button.

(12) Click OK in the END menu.



CAUTION: Group and block can be named within 16 letters.



3.3 Louver, vane, and air speed setting

What to set

Sets air conditioner operation (louver, vane, air speed, and ventilation interlock) available for each group.

How to set

- (1) Click the Monitor/Operation icon.
- (2) The Detail monitor/operation window opens.
- (3) Set the following items for each group.  
Click the item to set.  
The menu opens. Choose desired settings.

GROUP	Louver	Vane	Swing	Fan speed	Filter
01-001	NO	NO	-	NO	NO
01-002	YES	NO	-	2 steps	NO
01-003	YES	YES	NO	3 steps	NO
01-004	YES	YES	YES	4 steps	NO
01-005	YES	YES	YES	2 steps*Auto	NO
01-006	YES	YES	YES	3 steps*Auto	NO
01-007	YES	YES	YES	4 steps*Auto	NO
01-008	YES	YES	YES	2 steps*Auto	NO
01-009	YES	YES	YES	3 steps*Auto	NO
01-010	NO	NO	-	NO	NO
01-011	NO	NO	-	NO	NO

Item	Setting
Louver	ON/OFF
Vane	ON/OFF
Swing	ON/OFF (settable only for models equipped with vane)
Fan speed	None, 2-stage, 3-stage, 4-stage, 2-stage and auto, 3-stage and auto, 4-stage and auto
Filter	ON/OFF



### 3.4 Window change

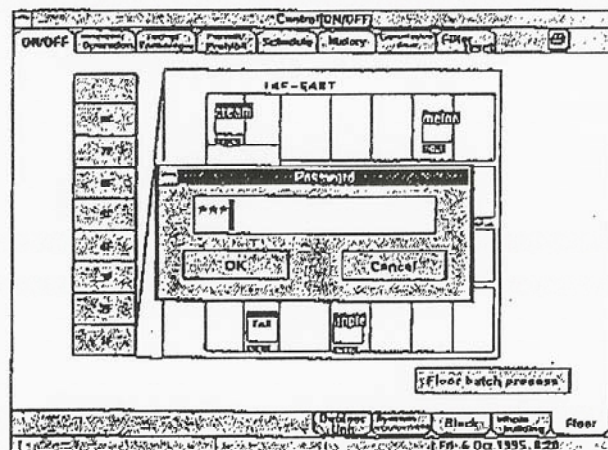
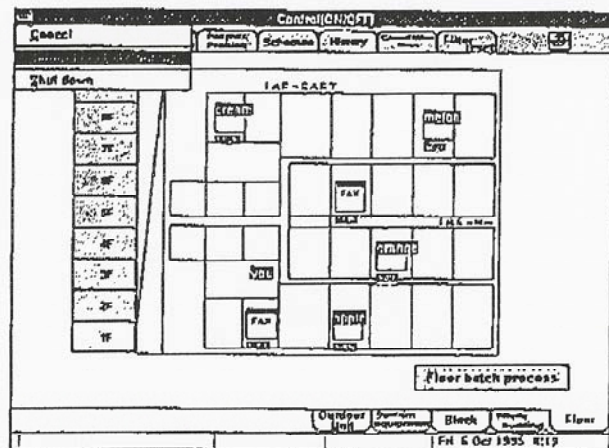
#### 3.4.1 Initial window to control window

Click the Control icon in the Control window on the initial window.  
The Control window will open.

#### 3.4.2 Control window to initial window

Click the control box in the title bar.  
The Password enter window to return to initial window will appear.  
By entering the password correctly, the window changes to the initial window.  
Incorrect password can not change the window. Enter the proper password.

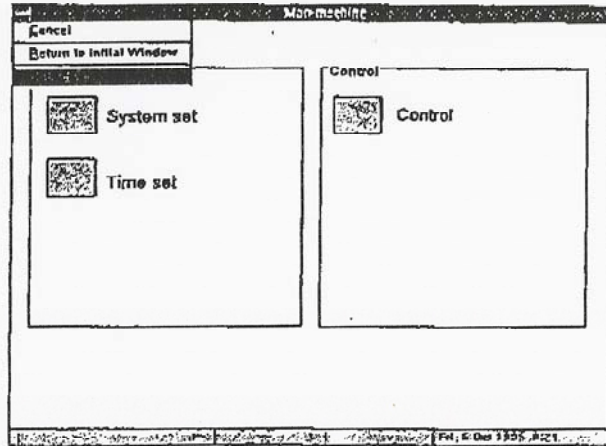
- (1) Using the mouse, click the control box in the title bar.
- (2) To return to the initial window, choose the "Return to Initial Window" command.
- (3) Enter the password "SYSTEM", using the keyboard.



4. Shut down procedure

Before turning the power supply OFF, be sure to shut down the system in the following steps.

- (1) Click the Control box.
- (2) The menu opens. Choose the Shut down command.
- (3) When the system returns to Windows screen, close Windows and then turn off the power.



5. Error code list

0110 Equipment abnormality  
0120 Equipment abnormality  
0900 Test run  
1000 Ref. cycle abnormalities  
10\*0 Ref. cycle abnormality in line \*  
11\*\* Ref. cycle temperature abnormality— Common operand: \*\*  
12\*\* Ref. cycle temperature abnormality allowance— Common operand: \*\*  
13\*\* Ref. cycle pressure abnormality — Common operand: \*\*  
14\*\* Ref. cycle pressure abnormality allowance — Common operand: \*\*  
1500 Ref. cycle not operate due to refrigerant overcharge  
1501 Ref. cycle not operate due to refrigerant undercharge  
1502 Ref. cycle not operate due to liquid back  
1503 Ref. cycle not operate due to coil frost  
1504 Ref. cycle not operate due to overheat protection  
1505 Ref. cycle not operate due to compressor vacuum operation protection  
2000 Water system abnormalities  
20\*0 Water system abnormalities in line \*  
21\*\* Water system temperature abnormality— Common operand: \*\*  
22\*\* Water system temperature abnormality allowance— Common operand: \*\*  
23\*\* Water system pressure abnormality — Common operand: \*\*  
24\*\* Water system pressure abnormality allowance — Common operand: \*\*  
2500 Water system not operate due to water leak  
2501 Water system not operate due to water supply suspension  
2502 Water system not operate due to drain pump abnormality  
2503 Water system not operate due to drain sensor abnormality  
2504 Water system not operate due to liquid level abnormality  
2505 Water system not operate due to cool water electric valve abnormality  
2506 Water system not operate due to warm water electric valve abnormality  
2600 Water system operation restricted due to water leak  
2601 Water system operation restricted due to water supply suspension  
2602 Water system operation restricted due to drain pump abnormality  
2603 Water system operation restricted due to drain sensor abnormality



2604 Water system operation restricted due to liquid level abnormality  
3600 Air system operation restricted due to filter clogging  
3601 Air system operation restricted due to filter maintenance  
3602 Air system operation restricted due to damper position detecting  
abnormality  
37\*\* Air system abnormal humidity allowance—Common operand: \*\*  
4000 Electric system abnormalities  
40\*0 Electric system abnormalities in line \*  
4100 Electric system not operate due to overcurrent shut off  
4101 Electric system not operate due to overcurrent protection  
4102 Electric system not operate due to open phase  
4103 Electric system not operate due to reversed phase  
4104 Electric system not operate due to electric leak  
4105 Electric system not operate due to short circuit  
4106 Electric system not operate due to self power supply OFF  
4107 Electric system not operate due to overload  
4108 Electric system not operate due to overcurrent relay 51C  
4109 Electric system not operate due to overcurrent relay 51F  
4110 Electric system not operate due to high voltage part  
4112 Electric system not operate due to bus current  
4113 Electric system not operate due to coil overheat 49 °C  
4114 Electric system not operate due to fan controller abnormality  
4115 Electric system not operate due to power supply synchronism abnormality  
4116 Electric system not operate due to motor abnormality  
4200 Inverter abnormalities  
420\* Inverter abnormalities— Inverter No. : \*  
4210 Inverter overcurrent shut off  
421\* Inverter overcurrent shut off —Inverter No. : \*  
4220 Inverter bus voltage insufficiency  
422\* Inverter bus voltage insufficiency—Inverter No. : \*  
4230 Inverter radiating thermostat abnormalities  
423\* Inverter radiating thermostat abnormality —Inverter No. : \*  
4240 Inverter overcurrent protection  
424\* Inverter overcurrent protection —Inverter No. : \*  
4250 Inverter IPM abnormalities  
425\* Inverter IPM abnormality—Inverter No. : \*

4300 Inverter abnormality allowance  
430\* Inverter abnormality allowance—Inverter No. : \*  
4310 Inverter overcurrent shut off allowance  
431\* Inverter overcurrent shut off allowance —Inverter No. : \*  
4320 Inverter bus voltage insufficiency allowance  
432\* Inverter bus voltage insufficiency allowance —Inverter No. : \*  
4330 Inverter radiating thermostat abnormality allowance  
433\* Inverter radiating thermostat abnormality allowance —Inverter No. : \*  
4340 Inverter overcurrent protection allowance  
434\* Inverter overcurrent protection allowance —Inverter No. : \*  
4350 Inverter IPM abnormality allowance  
435\* Inverter IPM abnormality allowance—Inverter No. : \*  
5000 Sensor trouble  
50\*0 Sensor trouble in line \*  
51\*\* Thermal sensor trouble— Sensor No. : \*\*  
52\*\* Pressure sensor trouble — Sensor No. : \*\*  
53\*\* Current sensor trouble— Sensor No. : \*\*  
54\*\* Humidity sensor trouble — Sensor No. : \*\*  
55\*\* Gas sensor trouble — Sensor No. : \*\*  
56\*\* Air speed sensor trouble— Sensor No. : \*\*  
57\*\* Limit switch defect — Switch No. : \*\*  
58\*\* Sensor defect — Sensor No. : \*\*  
59\*\* Other sensor defect — Sensor No. : \*\*  
6000 System errors  
6101 System error— With response frame  
6102 No answer back  
6500 Communication errors  
6600 Communication error — Address duplication  
6601 Communication error — No setting of polarity  
6602 Communication error — Transmission processor hardware error  
6603 Communication error — Transmission line busy  
6604 Communication error — No ACK (06H)  
6605 Communication error — No response frame  
6606 Communication error — Transmitting processor  
6607 Communication error — No return of ACK  
6608 Communication error — No return of response frame

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- 6609 Communication error
- 6610 Communication error
- 6700 Communication error - K-control transmission abnormalities
- 6702 Communication error - K-control address duplication
- 6750 Communication error - K-control error code P0
- 6751 K-control error - Room temperature thermistor abnormality
- 6752 K-control error - Indoor coil temperature thermistor abnormality  
Condensing temperature thermistor abnormality
- 6753 K-control error - Transmitting/receiving error
- 6754 K-control error - Drain sensor abnormality. Float switch actuation
- 6755 K-control error - Drain pump abnormality
- 6756 K-control error - Coil frost/overcurrent protection
- 6757 K-control error - System error
- 6758 K-control error - Outdoor unit abnormality  
Indoor/outdoor transmission error
- 6761 K-control error - Intake air temperature thermistor abnormality
- 6762 K-control error - Outdoor coil temperature thermistor abnormality  
Condensation temperature thermistor abnormality
- 6763 K-control error - Transmitting/receiving error
- 6764 K-control error - Drain sensor abnormality
- 6765 K-control error - Drain pump abnormality
- 6766 K-control error - Coil frost/overheat protection
- 6767 K-control error - Outdoor unit abnormality  
Indoor/outdoor transmission error
- 6771 K-control error - High pressure abnormality. Low pressure abnormality
- 6772 K-control error - Inner thermostat actuation. Overcurrent protection.  
Discharge temp. abnormality. Shell thermo actuation
- 6773 K-control error - Radiator plate thermostat actuation
- 6774 K-control error - Outdoor thermistor abnormality
- 6775 K-control error - Pressure sensor abnormality  
Indoor/outdoor transmissin abnormality
- 6776 K-control error - Overcurrent shut off
- 6777 K-control error - System error
- 6778 K-control error - Normal
- 6779 K-control error - Refrigerant overcharge. Abnormal voltage.  
CT sensor abnormality



- 6800 Communication error - Other communication errors  
6801 Communication error - V-control communication error  
6810 Communication error - UR communication errors  
6811 Communication error - UR communication synchronism not recover  
6812 Communication error - UR communication hardware error  
6813 Communication error - UR communication status bit detection error  
6820 Other communication errors  
6821 Other communication error - Transmission line busy  
6822 Other communication error - No ACK  
6823 Other communication error - No response command  
6824 Other communication error - Received data error  
7000 System errors  
7100 System error- Total capacity error  
7101 System error- Capacity code error  
7102 System error- Connecting unit number excess  
7103 System error- Piping length setting error  
7104 System error- Floor height setting error  
7105 System error- Address setting over 255  
7106 System error- Attribute setting error  
7107 System error- Distributor setting error  
7108 System error- Refrigerant system setting error  
7109 System error- Connection setting error  
7110 System error- No entry of connection data  
7111 System error- I/O connecting equipment not connected  
7112 System error- I/O type setting error  
7113 System error- No setting of equipment  
7200 System error- No setting of numeric values  
7201 System error- No setting of numeric value