NEW SUPERLINK WEB GATEWAY
CONFIGURATION MANUAL

MODEL:
SC-WGWNA-A
SC-WGWNA-B

March 1, 2010

MITSUBISHI HEAVY INDUSTRIES, LTD.
AIR-CONDITIONING AND REFRIGERATION SYSTEMS HEADQUARTERS

Contents

1 ENVIRONMENT

1.1. Personal Computer (PC)

Please check that the PC meets the following specifications.

CPU	500MHz or higher（2GHz or higher is recommended）
Memory	512MB or higher（1GB or higher is recommended）
OS	Windows2000 or Windows XP（Home/Professional）
	Windows Vista SP1 or above on some conditions.
	(See 「Communication/Buzzer Configuration」 screen.)
Screen size	1024×768 or higher（1280×1024 is recommended）
Browser	Internet Explorer 6 or 7.

（Language version of WEB Gateway and OS browser must be the same.）

2 Ethernet CABLE CONNECTION

Use 10BASE-T or 100BASE-TX Ethernet cable（also called LAN cable）.
Connection can be made by WEB Gateway and PC direct connection or by using HUB. In the case of a WEB Gateway and PC direct connection, use an Ethernet cross cable (also called cross LAN cable).

3 INITIAL SETTING OF PC

3.1 PC Network Setting

3.1.1 Setting of LAN Connection

The PC for this system monitoring control must be able to use Internet Protocol (TCP/IP). Please check the instruction manual of each PC to confirm this.

3.1.2 Setting of IP Address of PC

Before setting up the WEB Gateway, first set up the IP address of the PC as follows so that the WEB gateway and PC can be directly connected.

IP Address	**192.168.0.1 ～ 192.168.0.254** （Since WEB Gateway uses 192.168.0.110, do not use this as an IP address.）
Subnet mask	**255.255.255.0**
Default Gateway	**No setting**
Priority DNS server	**No setting**
Alternate DNS server	**No setting**

3.1.3 Browser (Internet Explorer)

Set the Internet Explorer (IE) by selecting「Tools」－「Internet Options...」and select the settings as follows.

- 「**General**」
  Homepage **http://192.168.0.110/en/**
  (It is convenient to set the URL to open when starting IE to 「WEB Control & Monitor System」.)
- 「**Security**」
  Internet Default level「**Medium**」or lower
  Local Intranet Default level「**Medium-low**」or lower
- 「**Privacy**」
  Privacy setting 「**Medium**」
  （「WEB Control & Monitor System」cannot be used unless the browser is set to “Allow” Cookie. It is recommended to use the default IE settings for each item of 「**Security**」and 「**Privacy**」.

- 「**Connections**」
  Connect with the used network. When the PC is connected to a WEB Gateway in a Local Area Network (LAN), disable the use of a proxy server.
- 「**Advanced**」
  It is recommended to use the default IE settings for each item of「**Advanced**」 .

4 INITIAL SETTING OF WEB GATEWAY

4.1 Initial Setting of WEB Gateway Ethernet

4.1.1 Initial setting of the IP Address

As for the WEB Gateway, the IP address and the subnet mask, the factory settings are as follows.

IP Address	**192.168.0.110**
Subnet mask	**255.255.255.0**

4.2 How to change the IP Address of the WEB Gateway

Log in to the WEB Gateway using “Administrator User” then from 「Configuration Menu」, open the「Communication/Buzzer Configuration」screen. On this screen, the IP Address and Subnet mask are specified, and only when required, the Default Gateway is specified. Information entered into each field should be in "**XXX.XXX.XXX.XXX**" format.

Attention:

・IP address 0.*.*.*, 127.*.*.*, 224.*.*.* to 255.*.*.*
can't be used due to reservations.

・Don't input "0" at the front of each octet.
Ex: Correct:192.168.1.110 Incorrect:192.168.001.110

・Don't input more than a four-digit number for each octet.
Ex: Correct:192.8.100.110 Incorrect:192.8.0100.110

・Subnet mask must contain only binary bit"1" from left side.
Ex: Correct:255.255.255.0 Incorrect:192.255.255.0

4.3 SUPERLINK Setting

It is necessary to change from Prev. SL using the SL switch (SUPERLINK SELECTION) on the right side of the unit. (Switching is possible only when the power is OFF.)

For SL2N and SL3N, change is required for the setup deprived of the right of instruction of Remocon control Lock/Unlock.

5 PASSWORD FAILURE

5.1 Troubleshooting

5.1.1 Trouble regarding the IP Address

Push the reset SW (located inside of the hole with a diameter of about 2mm) in the center on the right side of the unit using a clip or wire. Pushing for 10 seconds or more and then releasing it will result in a reboot and the IP address will return to the initial value. Please check that the red LED blinks for about 30 seconds at this time.

6 ABOUT PACinfo.csv (WGWconfig.csv) FILE

6.1 Air-con Cell Configuration Screen

The Air-con Cell Configuration screen shows the connection status and the unit for monitoring and control for indoor units connected by SUPERLINK WEB Gateway.

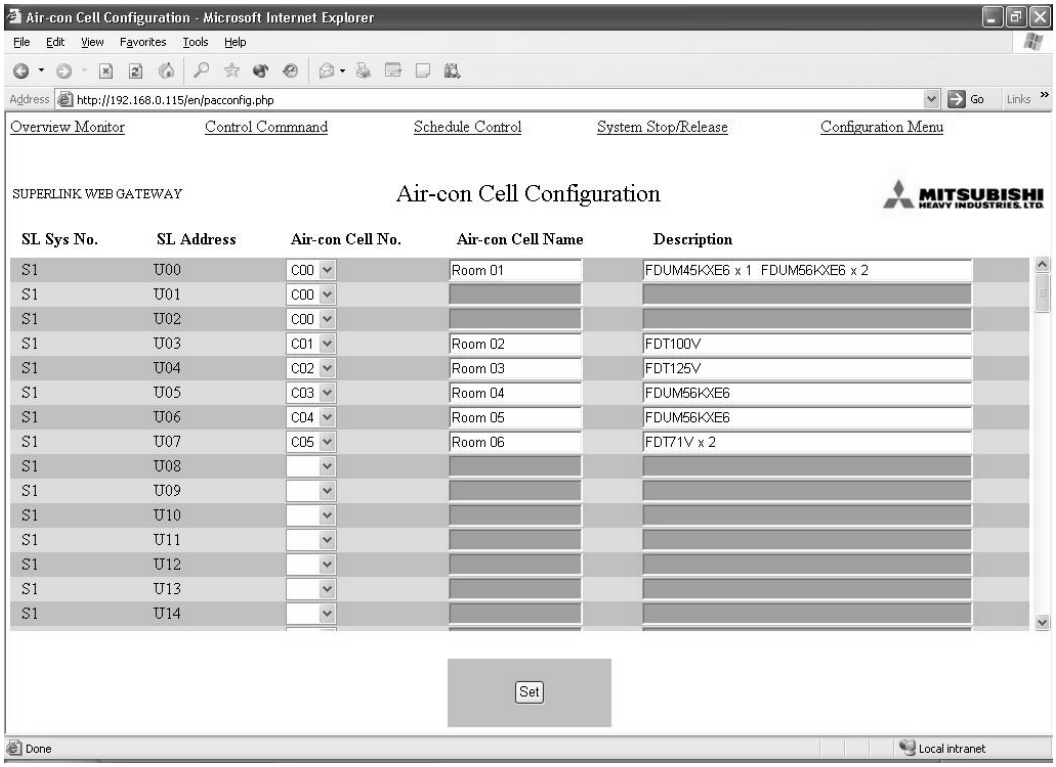


Fig. 6.1.1 Air-con Cell Configuration Screen (SC-WGWNA-A)

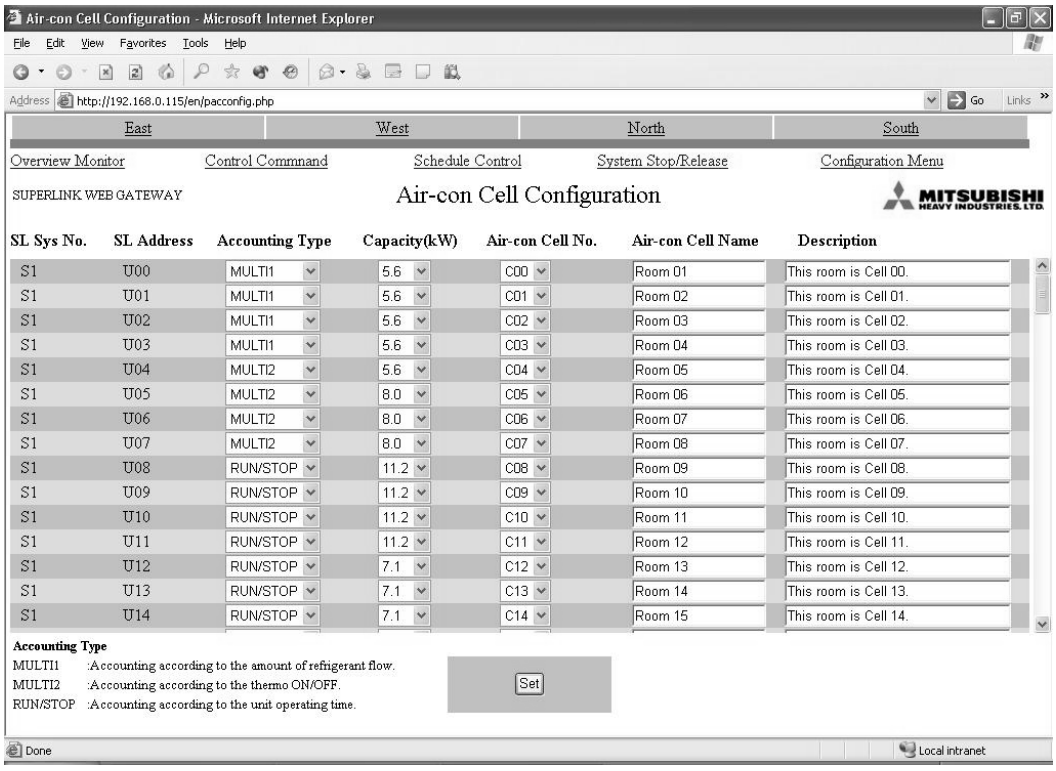


Fig. 6.1.2 Air-con Cell Configuration Screen (SC-WGWNA-B)

6.1.1 SL System Number

The two (2) SL system numbers (SL Sys No.) for the WEB Gateway are written as S1 and S2.

6.1.2 SL Address

The SL Address of an indoor unit is written as U00～U63.

SL system number and SL Address are shown in ascending order. For Prev. SL, use U00～U47.

6.1.3 Accounting Type (SC-WGWNA-B only)

Choose from the following the accounting method for the indoor unit.

Type	Accounting Method
MULTI1	Accounting according to the amount of refrigerant flow. Applicable to KX and LX Series
MULTI2	Accounting according to the thermo ON/OFF. Applicable to KX and LX Series
RUN/STOP	Accounting according to the unit operating time. Applicable to Multi-indoor unit PAC, Single PAC and PAC for equipments (with I/F).

6.1.4 Capacity (SC-WGWNA-B only)

Choose the nominal capacity (Cooling capacity) of the indoor unit.

6.1.5 Air-con Cell Number

The WEB Gateway performs monitoring and control by the cell number.

The cell numbers C00～C95 are assigned to the indoor units specified by the SL system number and SL Address. Attach a cell number to the indoor unit connected to the SUPERLINK.

It is not necessary to attach a cell number to indoor units that are not connected.

Cell number C00～C95 can be freely assigned to the indoor units. Assign cell numbers to the desired display order in the monitoring screen.

Moreover, a cell number can set up the indoor unit remote control group. When two or more indoor units are specified as a remote control group, attach the same cell number to these indoor units to define the group. There is no restriction on the number of the indoor units that form a group. In case of groups, only the indoor unit having the smallest SL system number or SL address (SL system number being the priority) will be assigned the “Air-con Cell Name” and “Description” explained in the following clause.

6.1.6 Air-con Cell Name

Assign an understandable name to a particular cell number. The length of the character string can be up to 16 characters.

6.1.7 Description

A description more detailed than the cell name can be assigned to a cell number. The length of the character string can be up to 64 characters. Leave it blank in case recording a detailed description is not necessary.

6.2 PACinfo.csv and WGWconfig.csv File

「**PACinfo.csv**」 is exclusive to SC-WGWNA-A while 「**WGWconfig.csv**」 is exclusive to SC-WGWNA-B.

The setting information in the Air-con Cell Configuration screen can be downloaded from the file download screen and the file can be saved to the PC. This file is called PACinfo.csv. Aside from being a backup file, PACinfo.csv can also be edited using Notepad or EXCEL applications. Edited PACinfo.csv can be uploaded from the file upload screen and can be set as the cell setting.

6.3 Opening PACinfo.csv (WGWconfig.csv) Using Text Editor

```
Air-con Cell No.,SL System No.,SL Address,Air-con Cell Name,Description
C00,S1,U00,Room 01,FDUM45KXE6 x 1  FDUM56KXE6 x 2
C00,S1,U01,,
C00,S1,U02,,
C01,S1,U03,Room 02,FDT100V
C02,S1,U04,Room 03,FDT125V
C03,S1,U05,Room 04,FDUM56KXE6
C04,S1,U06,Room 05,FDUM56KXE6
C05,S1,U07,Room 06,FDT71V x 2
C10,S2,U05,Room 07,FDT36KXE6 x 2  FDT45KXE6 x 2
C10,S2,U06,,
C10,S2,U07,,
C10,S2,U08,,
C11,S2,U10,Room 08,FDT112KXE6
C12,S2,U11,Room 09,FDTW28KXE6 x 2
C12,S2,U12,,
C13,S2,U13,Room 10,FDTS45KXE6 x 2
C13,S2,U14,,
```

Fig. 6.3.1 PACinfo.csv file opened using text editor

```
Air-con Cell No.,SL System No.,SL Address,Accounting Type,Capacity,Air-con
Cell Name,Description
C00,S1,U00,MULTI1,5.6,Room 01,This room is Cell 00.
C01,S1,U01,MULTI1,5.6,Room 02,This room is Cell 01.
C02,S1,U02,MULTI1,5.6,Room 03,This room is Cell 02.
C03,S1,U03,MULTI1,5.6,Room 04,This room is Cell 03.
C04,S1,U04,MULTI2,5.6,Room 05,This room is Cell 04.
C05,S1,U05,MULTI2,8.0,Room 06,This room is Cell 05.
C06,S1,U06,MULTI2,8.0,Room 07,This room is Cell 06.
C07,S1,U07,MULTI2,8.0,Room 08,This room is Cell 07.
C08,S1,U08,RUN/STOP,11.2,Room 09,This room is Cell 08.
C09,S1,U09,RUN/STOP,11.2,Room 10,This room is Cell 09.
C10,S1,U10,RUN/STOP,11.2,Room 11,This room is Cell 10.
C11,S1,U11,RUN/STOP,11.2,Room 12,This room is Cell 11.
C12,S1,U12,RUN/STOP,7.1,Room 13,This room is Cell 12.
C13,S1,U13,RUN/STOP,7.1,Room 14,This room is Cell 13.
C14,S1,U14,RUN/STOP,7.1,Room 15,This room is Cell 14.
```

Fig. 6.3.2 WGWconfig.csv file opened using text editor

The CSV file is stored where a comma separates each item. The first line expresses the title of each item to show the order of the items (i.e. Air-con Cell No., SL Sys No., SL Address, Air-con Cell Name, Description). The second and succeeding lines show the data from the Air-con Cell Configuration screen. Since each item is separated by commas, a comma cannot be inputted into the contents of each item. If a comma is inputted, the WEB Gateway will not be able to recognize it correctly.

6.3.1 Air-con Cell Number

C00～C95. There will be no problem even if the numbers are not consecutive. For indoor units in a group, assign the same cell number. There is no need to describe the line of the cell number of an unconnected indoor unit. Delete the line of the cell number that is not connected.

6.3.2 SL System Number

S1～S2

6.3.3 SL Address

U00～U63

U00～U47 when using Prev. SL

6.3.4 Accounting Type (SC-WGWNA-B only)

Choose from the following the accounting method for the indoor unit.

Type	Accounting Method
MULTI1	Accounting according to the amount of refrigerant flow. Applicable to KX and LX Series
MULTI2	Accounting according to the thermo ON/OFF. Applicable to KX and LX Series
RUN/STOP	Accounting according to the unit operating time. Applicable to Multi-indoor unit PAC, Single PAC and PAC for equipments (with I/F).

6.3.5 Capacity (SC-WGWNA-B only)

Choose the nominal capacity (Cooling capacity) of the indoor unit.

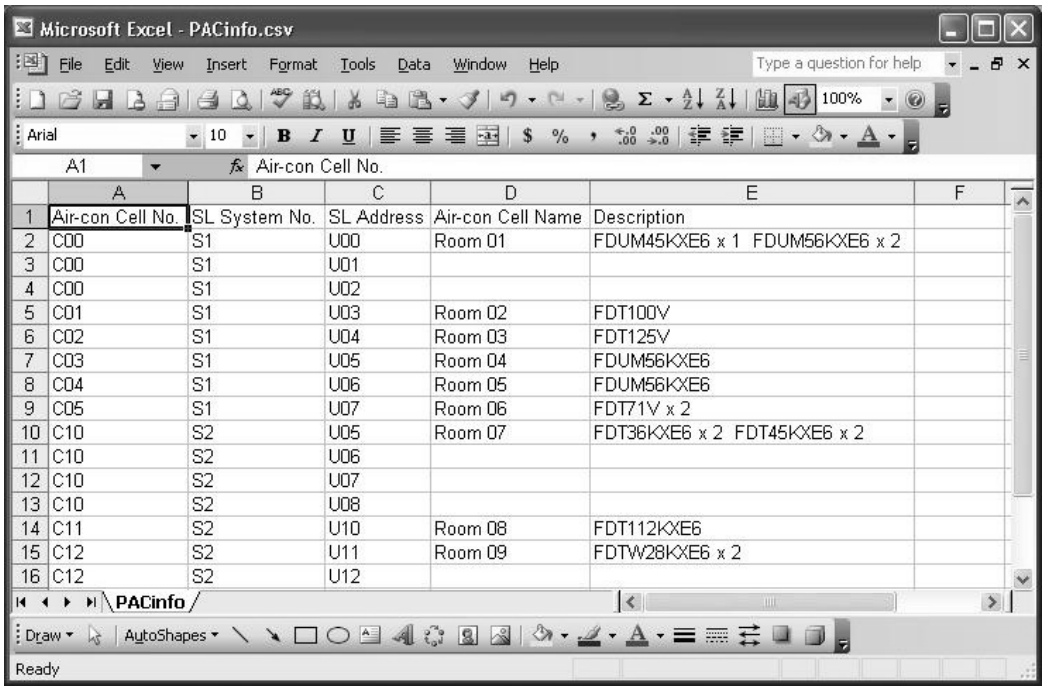
6.3.6 Air-con Cell Name

Cell name for the cell number must be within 8 full size or 16 half-size characters.

6.3.7 Description

A description more detailed than the cell name can be assigned to a cell number. The length of the character string can be up to 64 characters. Leave it blank in case it is not necessary.

6.4 Opening PACinfo.csv(WGWconfig.csv) Using EXCEL



Microsoft Excel - PACinfo.csv

File Edit View Insert Format Tools Data Window Help

A1 Air-con Cell No.

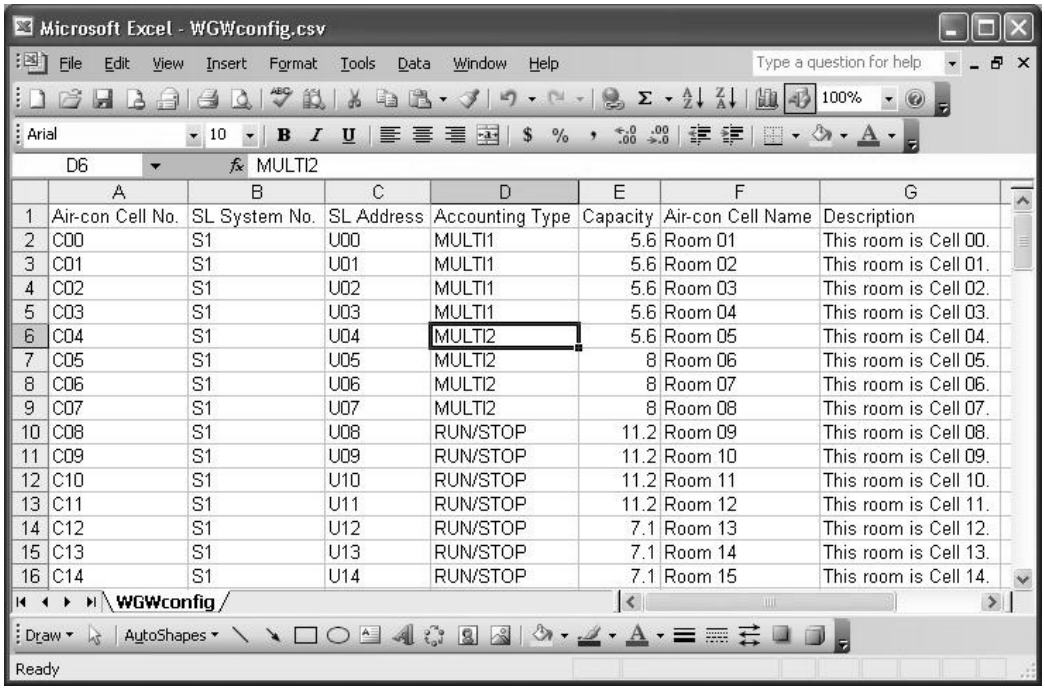
	A	B	C	D	E	F
1	Air-con Cell No.	SL System No.	SL Address	Air-con Cell Name	Description	
2	C00	S1	U00	Room 01	FDUM45KXE6 x 1 FDUM56KXE6 x 2	
3	C00	S1	U01			
4	C00	S1	U02			
5	C01	S1	U03	Room 02	FDT100V	
6	C02	S1	U04	Room 03	FDT125V	
7	C03	S1	U05	Room 04	FDUM56KXE6	
8	C04	S1	U06	Room 05	FDUM56KXE6	
9	C05	S1	U07	Room 06	FDT71V x 2	
10	C10	S2	U05	Room 07	FDT36KXE6 x 2 FDT45KXE6 x 2	
11	C10	S2	U06			
12	C10	S2	U07			
13	C10	S2	U08			
14	C11	S2	U10	Room 08	FDT112KXE6	
15	C12	S2	U11	Room 09	FDTW28KXE6 x 2	
16	C12	S2	U12			

PACinfo

Draw AutoShapes

Ready

Fig. 6.4.1 PACinfo.csv file opened using EXCEL



Microsoft Excel - WGWconfig.csv

File Edit View Insert Format Tools Data Window Help

D6 MULTI2

	A	B	C	D	E	F	G
1	Air-con Cell No.	SL System No.	SL Address	Accounting Type	Capacity	Air-con Cell Name	Description
2	C00	S1	U00	MULTI1	5.6	Room 01	This room is Cell 00.
3	C01	S1	U01	MULTI1	5.6	Room 02	This room is Cell 01.
4	C02	S1	U02	MULTI1	5.6	Room 03	This room is Cell 02.
5	C03	S1	U03	MULTI1	5.6	Room 04	This room is Cell 03.
6	C04	S1	U04	MULTI2	5.6	Room 05	This room is Cell 04.
7	C05	S1	U05	MULTI2	8	Room 06	This room is Cell 05.
8	C06	S1	U06	MULTI2	8	Room 07	This room is Cell 06.
9	C07	S1	U07	MULTI2	8	Room 08	This room is Cell 07.
10	C08	S1	U08	RUN/STOP	11.2	Room 09	This room is Cell 08.
11	C09	S1	U09	RUN/STOP	11.2	Room 10	This room is Cell 09.
12	C10	S1	U10	RUN/STOP	11.2	Room 11	This room is Cell 10.
13	C11	S1	U11	RUN/STOP	11.2	Room 12	This room is Cell 11.
14	C12	S1	U12	RUN/STOP	7.1	Room 13	This room is Cell 12.
15	C13	S1	U13	RUN/STOP	7.1	Room 14	This room is Cell 13.
16	C14	S1	U14	RUN/STOP	7.1	Room 15	This room is Cell 14.

WGWconfig

Draw AutoShapes

Ready

Fig. 6.4.2 WGWconfig.csv file opened using EXCEL

The above files can be edited. 「**PACinfo.csv(WGWconfig.csv)」 is not an EXCEL file.** 「**Do you want to save changes?**」 dialog appears when saving the edited file. This is asked because the PACinfo.csv (WGWconfig.csv) file has a CSV file format, not the extension (.xls) of an EXCEL file. Select 「**Save by the existing file format**」 or 「**Save**」. Save the final PACinfo.csv (WGWconfig.csv) to the PC that you are using and to the PC performing the initial setting.

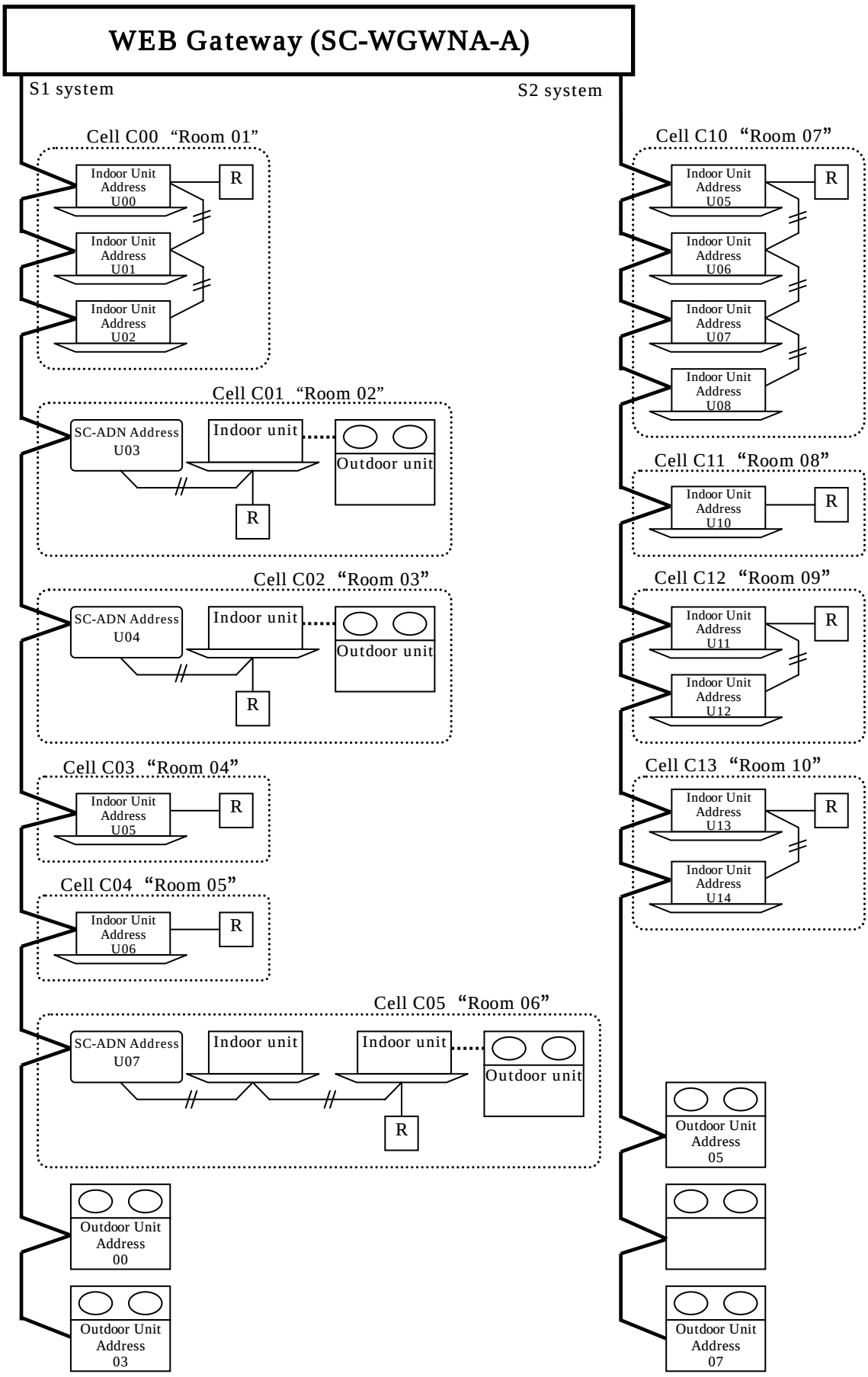


Fig. A.1 Example of SC-WGWNA-A Cell Configuration and SL Address

Table A.1 Example of SC-WGWNA-A Cell Configuration and SL Address

SL	Outdoor Unit Type	Outdoor Unit Address	Indoor Unit Type	Room Name	Remocon Group	Indoor Unit Address	Air-con Cell No.	Air-con Cell Name
S1	FDC155KXEN6	00	FDUM45KXE6	Room 01	○	U00	C00	Room 01
			FDUM56KXE6		↑	U01		
			FDUM56KXE6		↑	U02		
	FDC100VN	-	FDT100V	Room 02	○	U03 *	C01	Room 02
	FDC125VN	-	FDT125V	Room 03	○	U04 *	C02	Room 03
	FDC112KXEN6	03	FDUM56KXE6	Room 04	○	U05	C03	Room 04
			FDUM56KXE6	Room 05	○	U06	C04	Room 05
	FDC140VN	-	FDT71V	Room 06	○	U07 *	C05	Room 06
			FDT71V		↑			
S2	FDC155KXES6	05	FDT36KXE6	Room 07	○	U05	C10	Room 07
			FDT36KXE6		↑	U06		
			FDT45KXE6		↑	U07		
			FDT45KXE6		↑	U08		
	FDC112KXES6	06	FDT112KXE6	Room 08	○	U10	C11	Room 08
	FDC140KXES6	07	FDTW28KXE6	Room 09	○	U11	C12	Room 09
			FDTW28KXE6		↑	U12		
			FDTS45KXE6	Room 10	○	U13	C13	Room 10
			FDTS45KXE6		↑	U14		

Note: Although Table A.1 is an example of an imaginary building, it corresponds with Fig. 6.3.1, Fig. 6.4.1, and Fig. A.1.

Note: ↑ indicates that indoor unit is part of a remote control group. It is necessary to assign a SL Address U00, U01, ··· to each indoor unit even if it is a part of a group.

Note: * indicates the SL Address of the SUPERLINK adapter SC-ADN (SC-AD, SC-AD-L). For single PAC, it is necessary to connect with a remote control line to the SUPERLINK of SC-WGWNA-A through adapter SC-ADN. The second unit for Room 05 is the wireless twin unit for single PAC.

Note: A cell number is the monitoring and control unit of SC-WGWNA-A. The same monitoring and control applies to indoor units in a group (i.e., having the same cell number).

Note: Although the model name of the indoor and outdoor unit is unnecessary, it is recommended to fill them in as a reference for distinguishing units from each other.

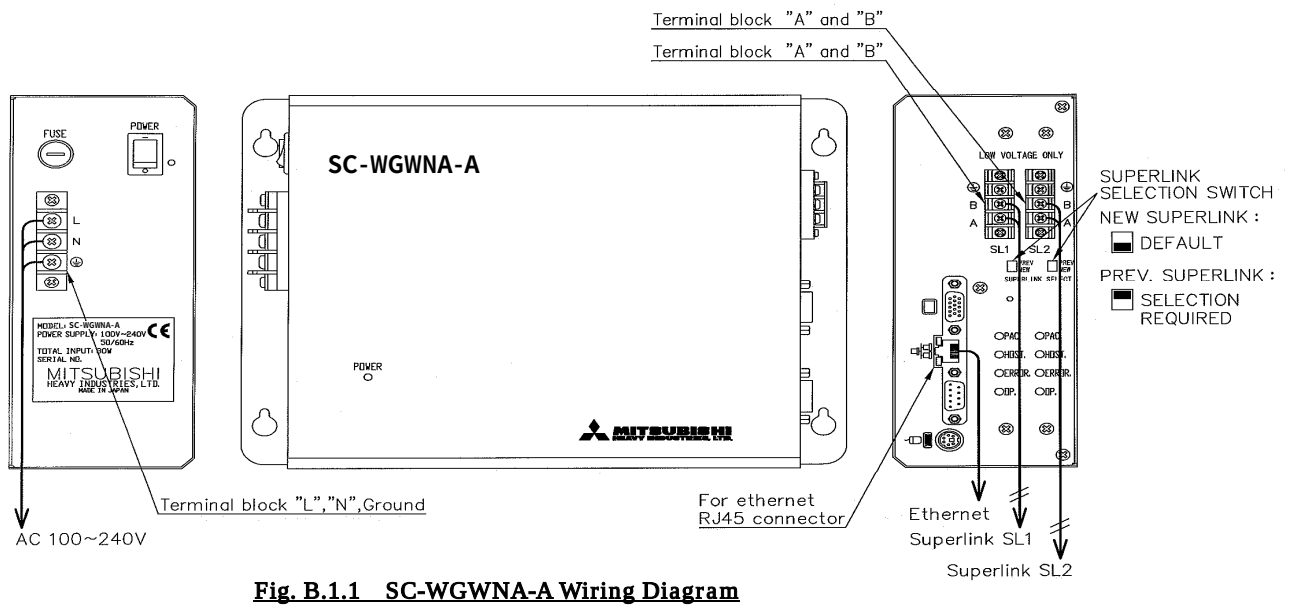


Fig. B.1.1 SC-WGWNA-A Wiring Diagram

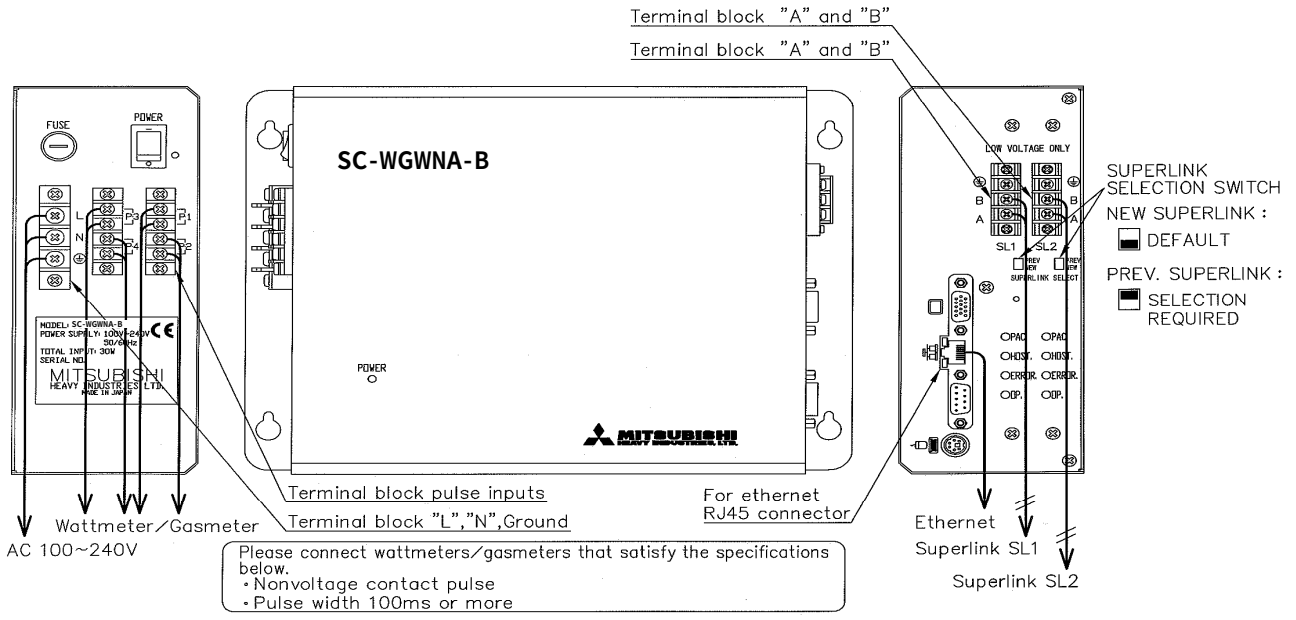
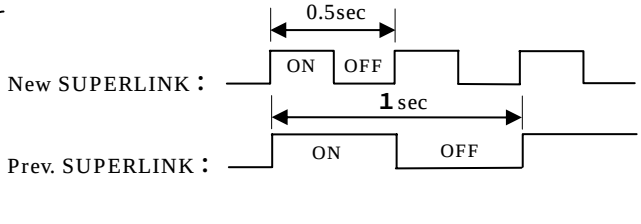


Fig. B.1.2 SC-WGWNA-B Wiring Diagram

PAC (yellow) LED : Blinks intermittently
HOST (yellow) LED : Blinks after about 2 minutes
ERROR (red) LED : OFF
OP (green) LED : Blinks constantly



7 ABOUT PACinfo_128.csv (WGWconfig_128.csv) FILE

7.0 How to switch to one SUPERLINK System

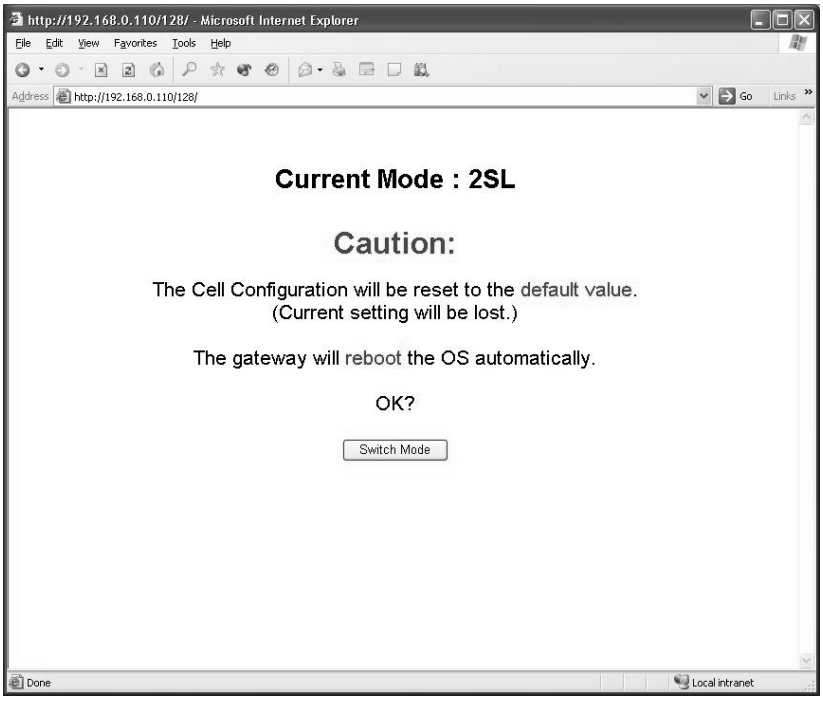
In case that an outdoor unit of combination systems is used, more than 65 indoor units might be connected to one SUPERLINK system.

In this case, the WEB Gateway is used in one SUPERLINK system.

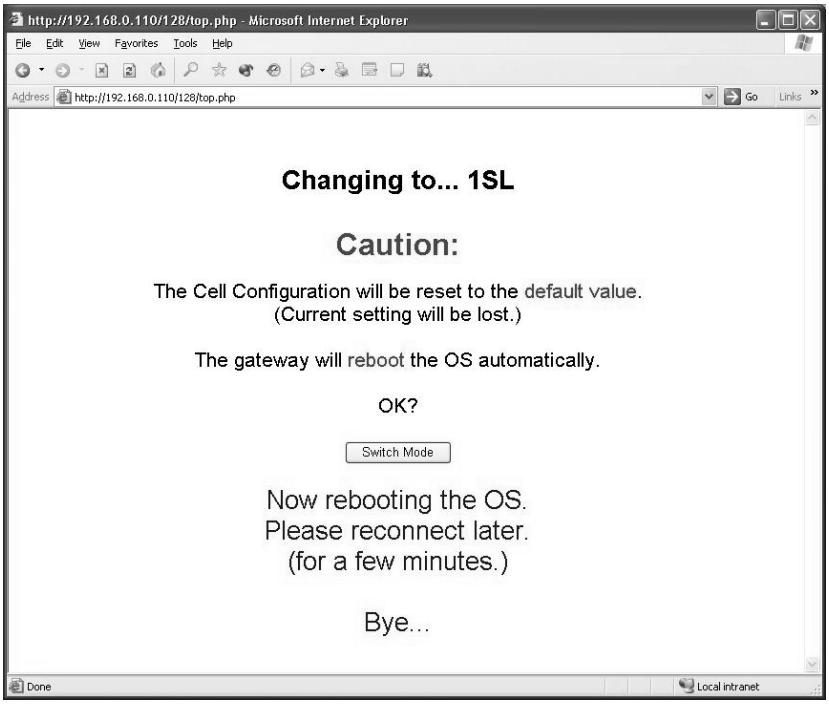
Access to the following URL from the browser of the PC.

URL : http://192.168.0.110/128/

If the IP Address of the WEB Gateway was changed, enter the IP Address instead.



Push “Switch Mode” button, then a screen shown below is displayed and the WEB Gateway will reboot automatically.



About 3 minutes later, access following URL and set the initial configuration.

URL : http://192.168.0.110/en/

If the IP Address of the WEB Gateway was changed, enter the IP Address instead.

7.1 Air-con Cell Configuration Screen

The Air-con Cell Configuration screen shows the connection status and the unit for monitoring and control for indoor units connected by SUPERLINK WEB Gateway.

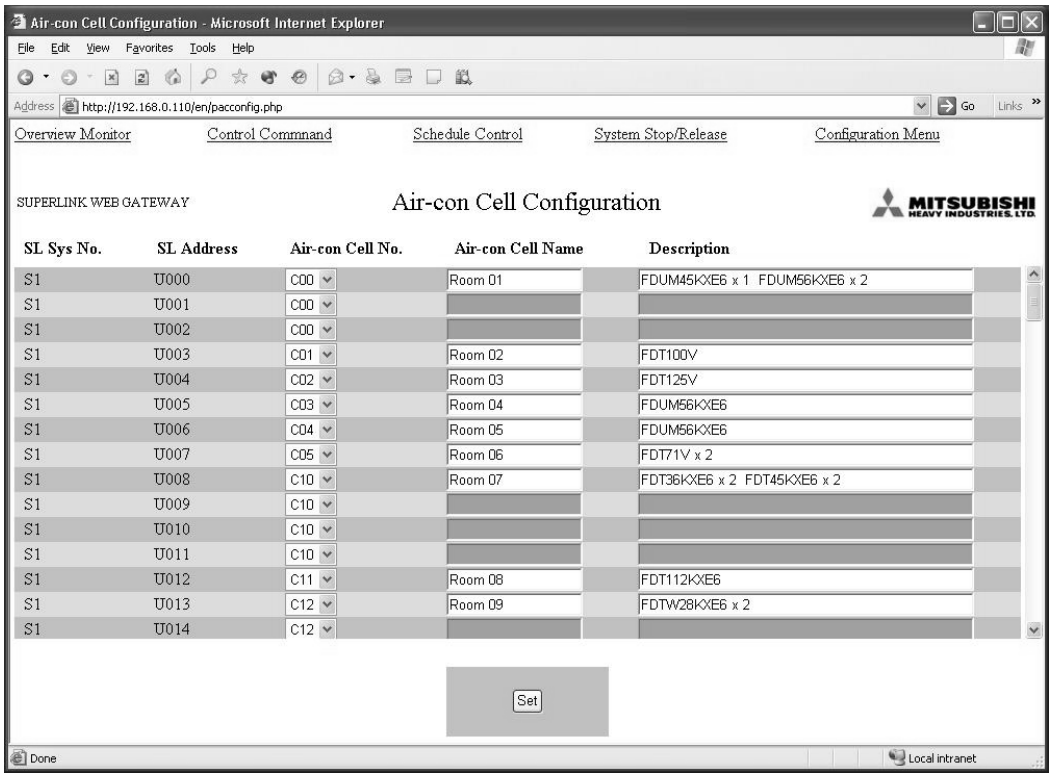


Fig. 7.1.1 Air-con Cell Configuration Screen (SC-WGWNA-A)

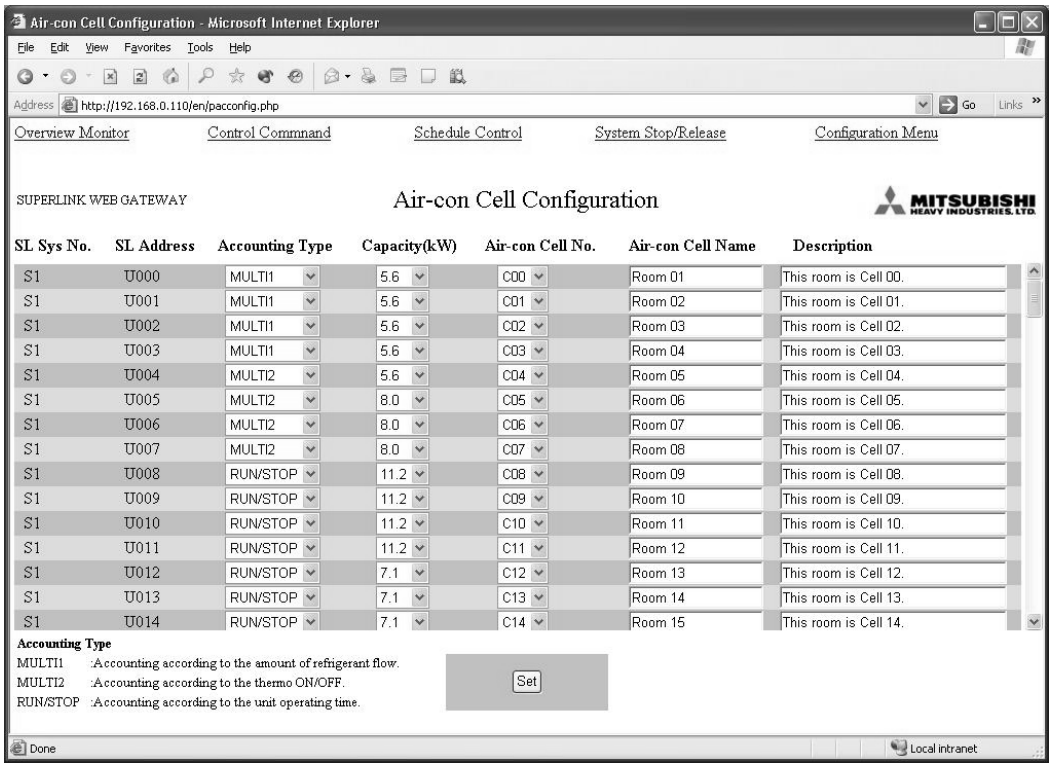


Fig. 7.1.2 Air-con Cell Configuration Screen (SC-WGWNA-B)

7.1.1 SL System Number

The two (2) SL system numbers (SL Sys No.) for the WEB Gateway are written as S1 and S2. When using in one SUPERLINK system, only S1 is to be connected.

7.1.2 SL Address

The SL Address of an indoor unit is written as U000～U127.

SL system number and SL Address are shown in ascending order. For Prev. SL, use U000～U047.

7.1.3 Accounting Type (SC-WGWNA-B only)

Choose from the following the accounting method for the indoor unit.

Type	Accounting Method
MULTI1	Accounting according to the amount of refrigerant flow. Applicable to KX and LX Series
MULTI2	Accounting according to the thermo ON/OFF. Applicable to KX and LX Series
RUN/STOP	Accounting according to the unit operating time. Applicable to Multi-indoor unit PAC, Single PAC and PAC for equipments (with I/F).

7.1.4 Capacity (SC-WGWNA-B only)

Choose the nominal capacity (Cooling capacity) of the indoor unit.

7.1.5 Air-con Cell Number

The WEB Gateway performs monitoring and control by the cell number.

The cell numbers C00～C95 are assigned to the indoor units specified by the SL system number and SL Address. Attach a cell number to the indoor unit connected to the SUPERLINK.

It is not necessary to attach a cell number to indoor units that are not connected.

Cell number C00～C95 can be freely assigned to the indoor units. Assign cell numbers to the desired display order in the monitoring screen.

Moreover, a cell number can set up the indoor unit remote control group. When two or more indoor units are specified as a remote control group, attach the same cell number to these indoor units to define the group. There is no restriction on the number of the indoor units that form a group. In case of groups, only the indoor unit having the smallest SL system number or SL address (SL system number being the priority) will be assigned the “Air-con Cell Name” and “Description” explained in the following clause.

7.1.6 Air-con Cell Name

Assign an understandable name to a particular cell number. The length of the character string can be up to 16 characters.

7.1.7 Description

A description more detailed than the cell name can be assigned to a cell number. The length of the character string can be up to 64 characters. Leave it blank in case recording a detailed description is not necessary.

7.2 PACinfo_128.csv and WGWconfig_128.csv File

「**PACinfo_128.csv**」 is exclusive to SC-WGWNA-A while「**WGWconfig_128.csv**」is exclusive to SC-WGWNA-B.

The setting information in the Air-con Cell Configuration screen can be downloaded from the file download screen and the file can be saved to the PC. This file is called PACinfo_128.csv. Aside from being a backup file, PACinfo_128.csv can also be edited using Notepad or EXCEL applications. Edited PACinfo_128.csv can be uploaded from the file upload screen and can be set as the cell setting.

7.3 Opening PACinfo_128.csv (WGWconfig_128.csv) Using Text Editor

```
Air-con Cell No.,SL System No.,SL Address,Air-con Cell Name,Description
C00,S1,U000,Room 01,FDUM45KXE6 x 1  FDUM56KXE6 x 2
C00,S1,U001,,
C00,S1,U002,,
C01,S1,U003,Room 02,FDT100V
C02,S1,U004,Room 03,FDT125V
C03,S1,U005,Room 04,FDUM56KXE6
C04,S1,U006,Room 05,FDUM56KXE6
C05,S1,U007,Room 06,FDT71V x 2
C10,S1,U008,Room 07,FDT36KXE6 x 2  FDT45KXE6 x 2
C10,S1,U009,,
C10,S1,U010,,
C10,S1,U011,,
C11,S1,U012,Room 08,FDT112KXE6
C12,S1,U013,Room 09,FDTW28KXE6 x 2
C12,S1,U014,,
C13,S1,U015,Room 10,FDTS45KXE6 x 2
C13,S1,U016,,
```

Fig. 7.3.1 PACinfo_128.csv file opened using text editor

Fig. 7.3.2 WGWconfig_128.csv file opened using text editor

The CSV file is stored where a comma separates each item. The first line expresses the title of each item to show the order of the items (i.e. Air-con Cell No., SL Sys No., SL Address, Air-con Cell Name, Description). The second and succeeding lines show the data from the Air-con Cell Configuration screen. Since each item is separated by commas, a comma cannot be inputted into the contents of each item. If a comma is inputted, the WEB Gateway will not be able to recognize it correctly.

7.3.1 Air-con Cell Number

C00～C95. There will be no problem even if the numbers are not consecutive. For indoor units in a group, assign the same cell number. There is no need to describe the line of the cell number of an unconnected indoor unit. Delete the line of the cell number that is not connected.

7.3.2 SL System Number

S1 only

7.3.3 SL Address

U000～U127

U000～U047 when using Prev. SL.

7.3.4 Accounting Type (SC-WGWNA-B only)

Choose from the following the accounting method for the indoor unit.

Type	Accounting Method
MULTI1	Accounting according to the amount of refrigerant flow. Applicable to KX and LX Series
MULTI2	Accounting according to the thermo ON/OFF. Applicable to KX and LX Series
RUN/STOP	Accounting according to the unit operating time. Applicable to Multi-indoor unit PAC, Single PAC and PAC for equipments (with I/F).

7.3.5 Capacity (SC-WGWNA-B only)

Choose the nominal capacity (Cooling capacity) of the indoor unit.

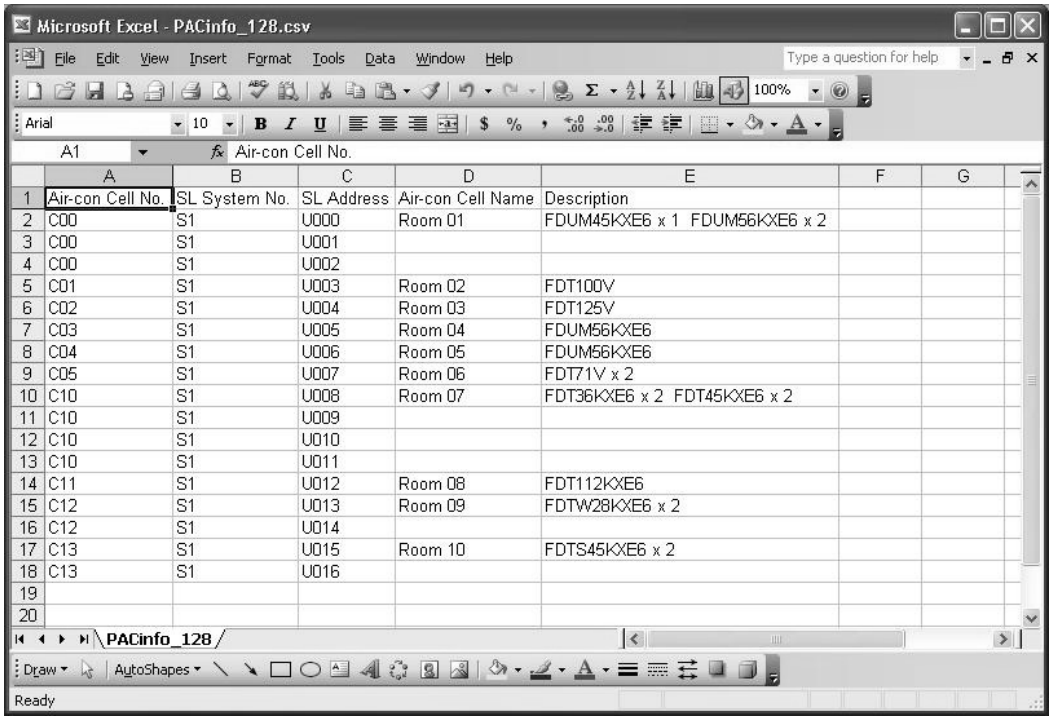
7.3.6 Air-con Cell Name

Cell name for the cell number must be within 8 full size or 16 half-size characters.

7.3.7 Description

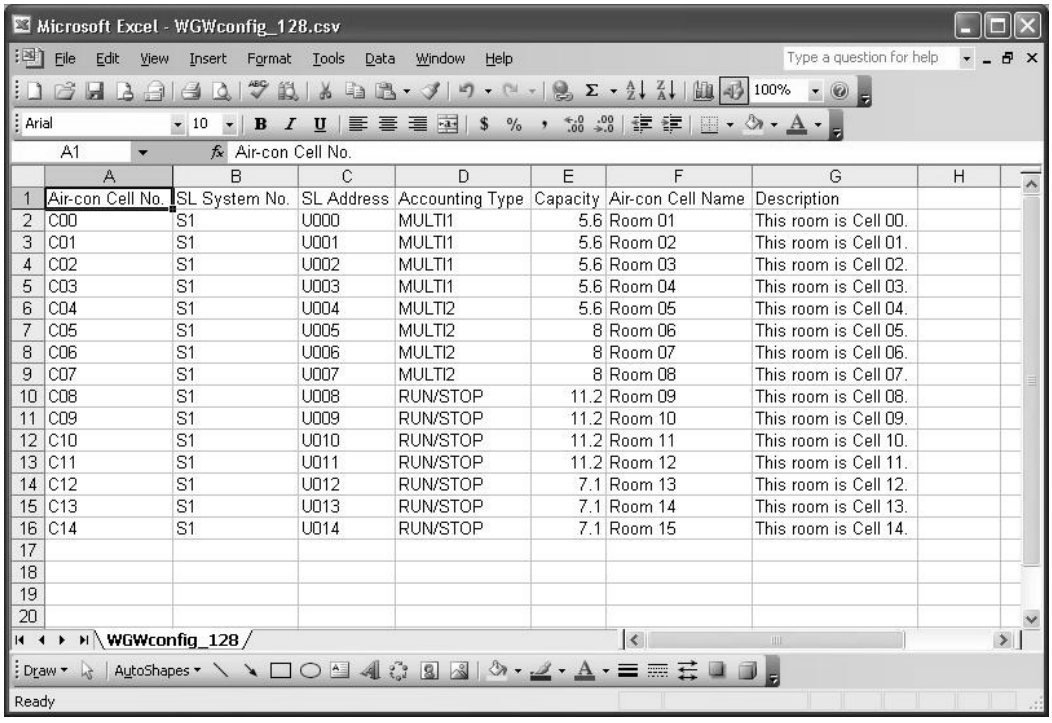
A description more detailed than the cell name can be assigned to a cell number. The length of the character string can be up to 64 characters. Leave it blank in case it is not necessary.

7.4 Opening PACinfo_128.csv(WGWconfig_128.csv) Using EXCEL



	A	B	C	D	E	F	G
1	Air-con Cell No.	SL System No.	SL Address	Air-con Cell Name	Description		
2	C00	S1	U000	Room 01	FDUM45KXE6 x 1 FDUM56KXE6 x 2		
3	C00	S1	U001				
4	C00	S1	U002				
5	C01	S1	U003	Room 02	FDT100V		
6	C02	S1	U004	Room 03	FDT125V		
7	C03	S1	U005	Room 04	FDUM56KXE6		
8	C04	S1	U006	Room 05	FDUM56KXE6		
9	C05	S1	U007	Room 06	FDT71V x 2		
10	C10	S1	U008	Room 07	FDT36KXE6 x 2 FDT45KXE6 x 2		
11	C10	S1	U009				
12	C10	S1	U010				
13	C10	S1	U011				
14	C11	S1	U012	Room 08	FDT112KXE6		
15	C12	S1	U013	Room 09	FDTW28KXE6 x 2		
16	C12	S1	U014				
17	C13	S1	U015	Room 10	FDTS45KXE6 x 2		
18	C13	S1	U016				
19							
20							

Fig. 7.4.1 PACinfo_128.csv file opened using EXCEL



	A	B	C	D	E	F	G	H
1	Air-con Cell No.	SL System No.	SL Address	Accounting Type	Capacity	Air-con Cell Name	Description	
2	C00	S1	U000	MULTI1	5.6	Room 01	This room is Cell 00.	
3	C01	S1	U001	MULTI1	5.6	Room 02	This room is Cell 01.	
4	C02	S1	U002	MULTI1	5.6	Room 03	This room is Cell 02.	
5	C03	S1	U003	MULTI1	5.6	Room 04	This room is Cell 03.	
6	C04	S1	U004	MULTI2	5.6	Room 05	This room is Cell 04.	
7	C05	S1	U005	MULTI2	8	Room 06	This room is Cell 05.	
8	C06	S1	U006	MULTI2	8	Room 07	This room is Cell 06.	
9	C07	S1	U007	MULTI2	8	Room 08	This room is Cell 07.	
10	C08	S1	U008	RUN/STOP	11.2	Room 09	This room is Cell 08.	
11	C09	S1	U009	RUN/STOP	11.2	Room 10	This room is Cell 09.	
12	C10	S1	U010	RUN/STOP	11.2	Room 11	This room is Cell 10.	
13	C11	S1	U011	RUN/STOP	11.2	Room 12	This room is Cell 11.	
14	C12	S1	U012	RUN/STOP	7.1	Room 13	This room is Cell 12.	
15	C13	S1	U013	RUN/STOP	7.1	Room 14	This room is Cell 13.	
16	C14	S1	U014	RUN/STOP	7.1	Room 15	This room is Cell 14.	
17								
18								
19								
20								

Fig. 7.4.2 WGWconfig_128.csv file opened using EXCEL

The above files can be edited. 「**PACinfo_128.csv(WGWconfig_128.csv)**」 **is not an EXCEL file.** 「**Do you want to save changes?**」 dialog appears when saving the edited file. This is asked because the PACinfo_128.csv (WGWconfig_128.csv) file has a CSV file format, not the extension (.xls) of an EXCEL file. Select 「**Save by the existing file format**」 or 「**Save**」. Save the final PACinfo_128.csv (WGWconfig_128.csv) to the PC that you are using and to the PC performing the initial setting.

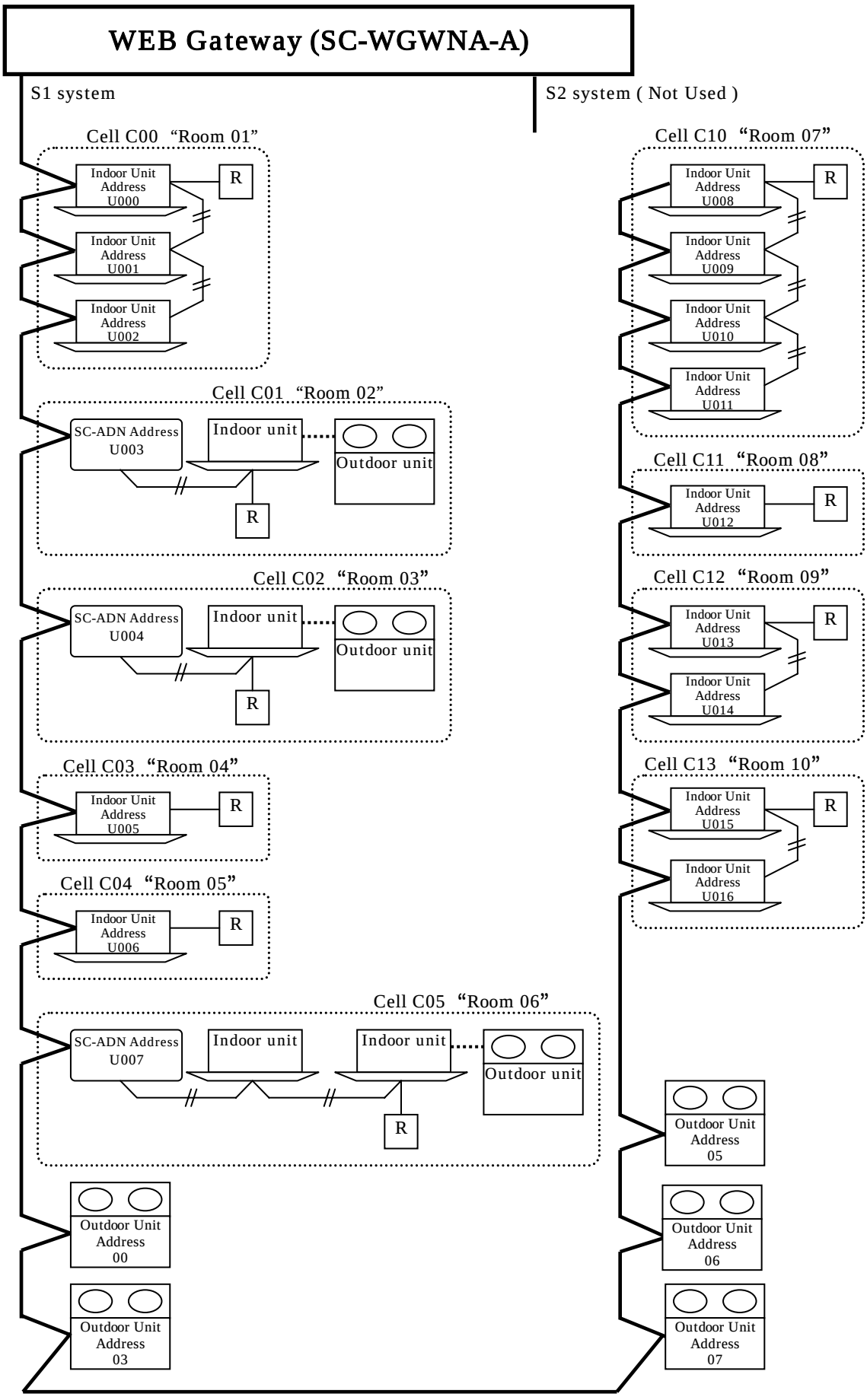


Fig. A.2 Example of SC-WGWNA-A Cell Configuration and SL Address

Table A.2 Example of SC-WGWNA-A Cell Configuration and SL Address

SL	Outdoor Unit Type	Outdoor Unit Address	Indoor Unit Type	Room Name	Remocon Group	Indoor Unit Address	Air-con Cell No.	Air-con Cell Name
S1	FDC155KXEN6	00	FDUM45KXE6	Room 01	○	U000	C00	Room 01
			FDUM56KXE6		↑	U001		
			FDUM56KXE6		↑	U002		
	FDC100VN	-	FDT100V	Room 02	○	U003 *	C01	Room 02
	FDC125VN	-	FDT125V	Room 03	○	U004 *	C02	Room 03
	FDC112KXEN6	03	FDUM56KXE6	Room 04	○	U005	C03	Room 04
			FDUM56KXE6	Room 05	○	U006	C04	Room 05
	FDC140VN	-	FDT71V	Room 06	○	U007 *	C05	Room 06
			FDT71V		↑			
	FDC155KXES6	05	FDT36KXE6	Room 07	○	U008	C10	Room 07
			FDT36KXE6		↑	U009		
			FDT45KXE6		↑	U010		
			FDT45KXE6		↑	U011		
	FDC112KXES6	06	FDT112KXE6	Room 08	○	U012	C11	Room 08
	FDC140KXES6	07	FDTW28KXE6	Room 09	○	U013	C12	Room 09
			FDTW28KXE6		↑	U014		
			FDTS45KXE6	Room 10	○	U015	C13	Room 10
			FDTS45KXE6		↑	U016		

Note: Although Table A.2 is an example of an imaginary building, it corresponds with Fig. 7.3.1, Fig. 7.4.1, and Fig. A.2.

Note: ↑ indicates that indoor unit is part of a remote control group. It is necessary to assign a SL Address U000, U001, ··· to each indoor unit even if it is a part of a group.

Note: * indicates the SL Address of the SUPERLINK adapter SC-ADN (SC-AD, SC-AD-L). For single PAC, it is necessary to connect with a remote control line to the SUPERLINK of SC-WGWNA-A through adapter SC-ADN. The second unit for Room 05 is the wireless twin unit for single PAC.

Note: A cell number is the monitoring and control unit of SC-WGWNA-A. The same monitoring and control applies to indoor units in a group (i.e., having the same cell number).

Note: Although the model name of the indoor and outdoor unit is unnecessary, it is recommended to fill them in as a reference for distinguishing units from each other.

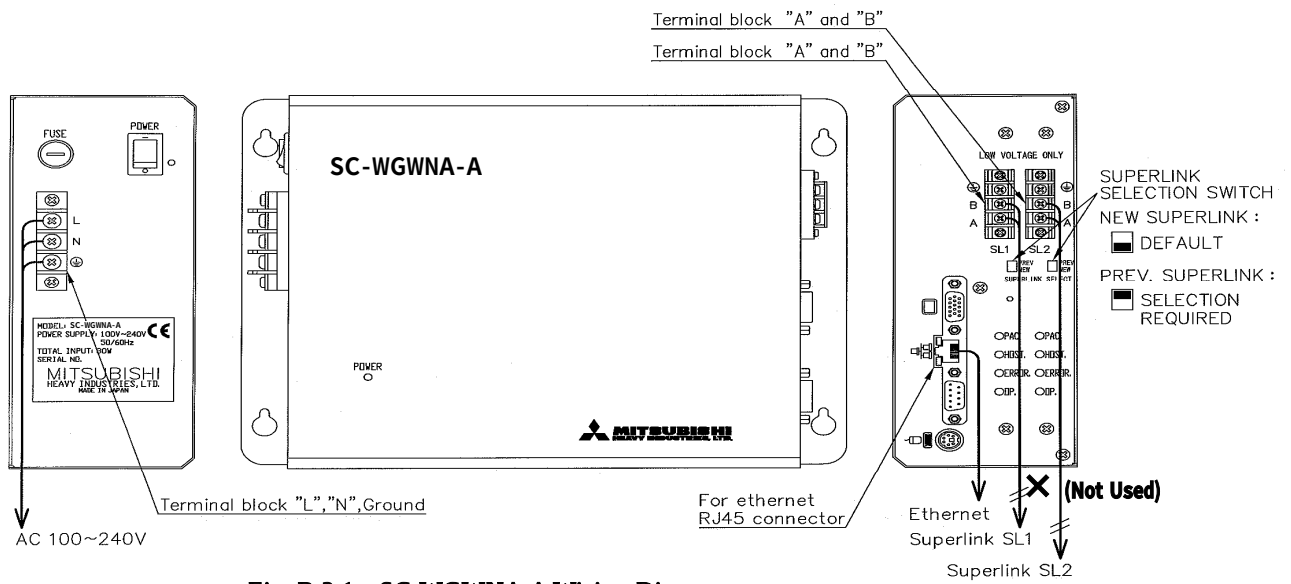


Fig. B.2.1 SC-WGWNA-A Wiring Diagram

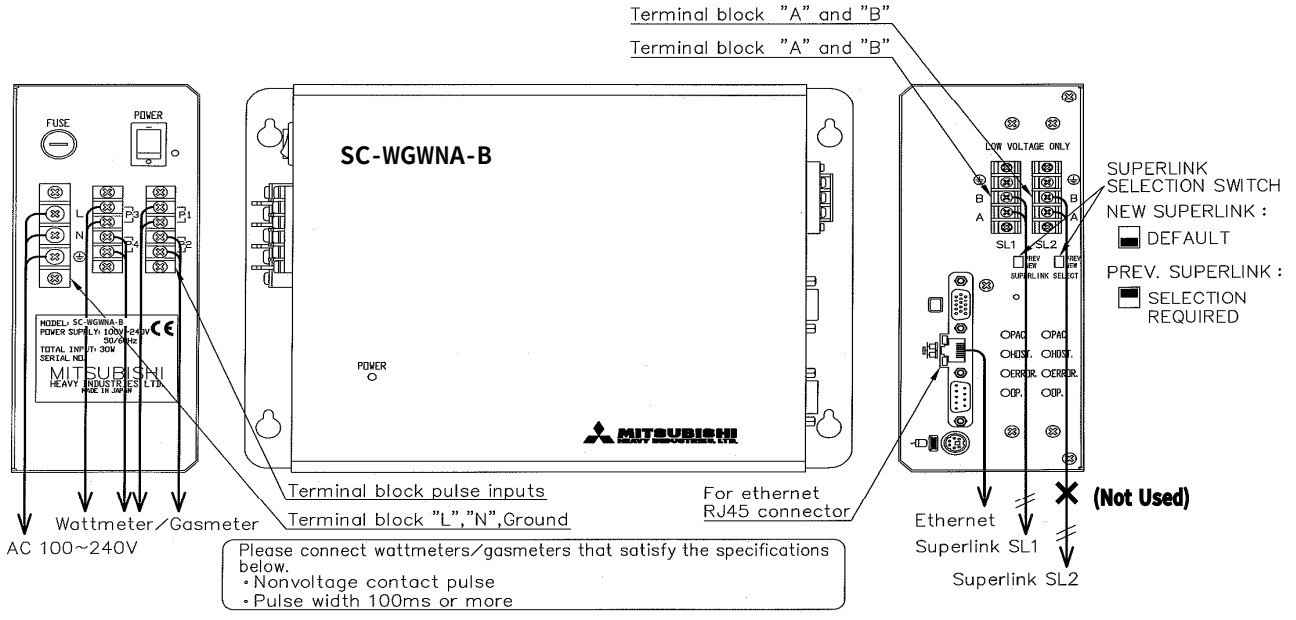


Fig. B.2.2 SC-WGWNA-B Wiring Diagram

PAC (yellow) LED : Blinks intermittently
HOST (yellow) LED : Blinks after about 2 minutes
ERROR (red) LED : OFF
OP (green) LED : Blinks constantly