USER'S MANUAL

ORIGINAL INSTRUCTIONS

CENTRAL CONTROL (CENTER CONSOLE) SC-SL4-AE3, SC-SL4-BE3

SC-SL4-AE3/1

SC-SL4-BE3/1

(with Calculating Function / avec fonction de calcul / mit Berechnungsfunktion / con funzione di calcolo / Con función de cálculo / met calculatiefunctie / com função de cálculo / με λειτουργία υπολογισμού / с функцией вычисления / Hesaplama Fonksiyonlu / z funkcją obliczeń)

WEB MONITORING CENTRAL CONTROL SC-SL4-AE3, SC-SL4-BE3

ENGLISH

CONTROLE PAR INTERNET CONSOLE CENTRALE SC-SL4-AE3, SC-SL4-BE3

FRANÇAIS

WEBÜBERWACHUNG Hauptsteuerpult SC-SL4-AE3, SC-SL4-BE3

DEUTSCH

MONITORAGGIO WEB CONSOLE CENTRALE SC-SL4-AE3, SC-SL4-BE3

ITALIANO

MONITORIZACIÓN WEB

ESPAÑOL

CONSOLA CENTRAL SC-SL4-AE3, SC-SL4-BE3

NEDERLANDS

WEBCONTROLE CENTRALE CONSOLE SC-SL4-AE3, SC-SL4-BE3

MONITORIZAÇÃO WEB CENTER CONSOLE SC-SL4-AE3, SC-SL4-BE3

PORTUGUÊS

ΕΛΛΗΝΙΚΑ

ΔΙΑΔΙΚΤΥΑΚΗ ΠΑΡΑΚΟΛΟΥΘΗΣΗ KENTPIKH KONΣOΛA SC-SL4-AE3, SC-SL4-BE3

РУССКИЙ

ВЕБ-МОНИТОРИНГ ЦЕНТРАЛЬНЫЙ КОНТРОЛЛЕР SC-SL4-AE3, SC-SL4-BE3

WEB IZLEME

MERKEZİ KOMSOL SC-SL4-AE3, SC-SL4-BE3

TÜRKÇE

MONITORING PRZEZ PRZEGLĄDARKĘ WWW STEROWNIK CENTRALNY SC-SĽ4-AE3, SČ-SL4-BE3

POLSKI

CE

This product complies with following directives

EMC 2014/30/EU EMC S.I. 2016/1091 LVD 2014/35/EU EER S.I. 2016/1101 RoHS 2011/65/EU RoHS S.I. 2012/3032

CE and UKCA markings are applicable to the areas of 50 Hz power supply

Cette console centrale est conforme à la directive CEM 2014/30/UE, à la directive basse tension 2014/35/UE et à la directive RoHS 2011/65/UE

La marque CE s'applique aux régions alimentées en courant de 50 Hz.

Diese Mittelkonsole erfüllt die Richtlinien zur elektromagnetischen Verträglichkeit 2014/30/EU, die Niederspannungsrichtlinien 2014/35/EU und die RoHS-Richtlinie 2011/65/EU. Die CE-Marke gilt für Bereiche mit einer Netzstromversorgung von 50 Hz.

Questa console centrale è conforme alla Direttiva EMC 2014/30/UE, alla Direttiva LV 2014/35/UE e alla Direttiva RoHS 2011/65/UE. Il marchio CE è applicabile alla fascia di alimentazione 50 Hz.

Esta consola central cumple con la Directiva de Compatibilidad Electromagnética 2014/30/UE, con la Directiva de Baja Tensión 2014/35/UE y con la Directiva RoHS 2011/65/UE. La indicación CE solo corresponde al área de suministro eléctrico de 50 Hz.

Deze centrale console voldoet aan EMC-Richtlijn 2014/30/EU, LV-Richtlijn 2014/35/EU, RoHS-Richtlijn 2011/65/EU. CE-markering is van toepassing op het gebied met een netstroom van 50 Hz.

Esta consola central está em conformidade com a Diretiva EMC 2014/30/UE, a Diretiva LV 2014/35/UE e a Diretiva RoHS 2011/65/UE.

A marca CE aplica-se à zona de fornecimento de energia a 50 Hz.

Αυτή η κεντρική κονσόλα συμμορφώνεται προς την Οδηγία 2014/30/ΕΕ περί ηλεκτρομαγνητικής συμβατότητας , προς την οδηγία 2014/35/ΕΕ περί χαμηλής τάσης και προς την Οδηγία 2011/65/ΕΕ περί RoHS. Το σήμα CE ισχύει μόνον σε περιοχές όπου η τροφοδοσία είναι

Этот центральный пульт управления соответствует требованиям директивы по электромагнитной совместимости 2014/30/EU, директивы по низковольтному оборудованию 2014/35/EU, директивы RoHS 2011/65/EU. Маркировка СЕ нанесена в области источника питания, работающего на частоте 50 Гц.

Bu orta konsol, 2014/30/EU sayılı EMC Direktifi, 2014/35/EU sayılı LV Direktifi ve 2011/65/EU sayılı RoHS Direktifi ile uyumludur. CE işareti, 50 Hz güç kaynağı için geçerlidir.

Sterownik centralny spełnia wymagania dyrektywy EMC 2014/30/EU, dyrektywy niskonapięciowej 2014/35/EU oraz dyrektywy RoHS 2011/65/EU. Oznakówanie CE dotyczy wyłącznie regionów, w których częstotliwość napięcia zasilającego wynosi 50 Hz.

PJZ012A223

Thank you for purchasing Central Control SC-SL4-AE3, SC-SL4-BE3 from Mitsubishi Heavy Industries, Ltd.

Before using the product, read this user's manual thoroughly to ensure you learn how to operate it correctly. After reading this manual, store it in a safe location for future reference. It will be helpful to reference this manual should you have any questions or problems. Also read the user's manual attached to the air conditioner, hydro module units or heat pump water heaters.

ENGLISH

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Your central control may be marked with this symbol. It means that waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) should not be mixed with general household waste. Central control should be treated at an authorized treatment facility for reuse, recycling and recovery and not be disposed of in the municipal waste stream. Please contact the installer or local authority for more information.



This symbol printed in the batteries attached to your central control is information for end-users according to the EU directive 2006/66/EC article 20 annex II.

Batteries, at their end-of-life, should be disposed of separately from general household waste. If a chemical symbol is printed beneath the symbol shown above, this chemical symbol means that the batteries contain a heavy metal at a certain concentration. This will be indicated as follows:Hg:mercury (0.0005%), Cd:cadmium (0.002%), Pb:lead(0.004%)

Please, dispose of batteries correctly at your local community waste collection or recycling center.

Introduction

This web monitoring system monitors and operates air conditioner, hydro module units or heat pump water heaters connected to Central Control SC-SL4-AE3 or SC-SL4-BE3 (hereafter called "SL4") from a web browser on your PC.

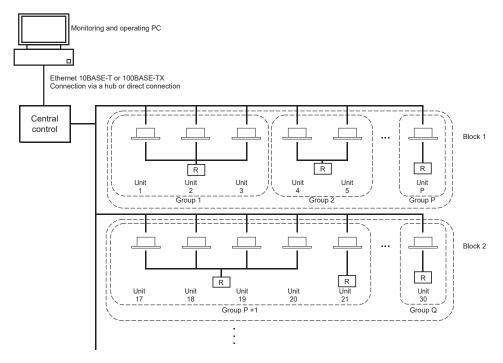
Also, please refer to the User's Manual of the SL4 central control.

Outline of the System

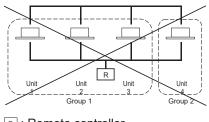
The following figure shows the basic system configuration. The SL4 central control connected to the unit is linked directly to the monitoring and operating PC.

The web monitoring system can monitor and operate the unit by the group. It cannot monitor and operate the units by the block.

The block settings must be configured in the SL4 central control unit.



- · A maximum of 16 units can be set up in one group.
- Do not use one remote controller for different groups of units.
- A maximum of 12 groups can be set up in one block.
- A maximum of 20 blocks can be set up.



R: Remote controller

PC Environments

· Specifications of PC

The PC to be used with this product is not provided with the system. You must prepare it separately. The following describes the minimum performance requirements for the PC.

CPU clock : Pentium 500 MHz or higher (2 GHz or higher is recommended)

Memory : 512 MB or more (1 GB or more is recommended)
 Screen resolution : 1280 x 1024 or higher (1366 x 768 is recommended)

Operating System and Web Browser

The following table shows the supported combinations of operating systems and web browsers. If you want to use other combinations, contact your dealer.

os	Google Chrome	Microsoft Edge
Windows® 10	0	0
Windows® 11	0	0

O: Can be used

Connection

Connecting to Dedicated Ethernet

Directly connect this product to your PC using a 10BASE-T or 100BASE-TX ethernet cable. If you are using a hub, do not connect other devices to the hub.

Connecting to the Internet or an Intranet in the Building

If you want to connect this product to the Internet or an intranet (office LAN) within the building, contact your dealer. This is a charged service.

Initial Settings of the PC

Settings for Dedicated Ethernet

Communication settings (TCP/IP settings) must be configured for the monitoring and operating PC. Refer to the user's manual of the PC for details.

To use this product with the factory default IP address, configure the following settings in the PC:

• IP address Between 192.168.0.1 and 192.168.0.254 (excluding 192.168.0.120 as the address is used by the SL4 central control)

Subnet mask
 Default gateway
 Preferred DNS server
 Alternate DNS server
 255.255.255.0
 Not applicable
 Not applicable

· Settings for the Internet or an Intranet in the Building

Contact your dealer. This is a charged service.

Browser Settings

Using default settings is recommended.

For information about connecting to the Internet or an intranet within the building, contact your dealer.

Restart Web Browser regularly.

^{*} Windows is the registered trademarks of Microsoft Corporation in the United States and/or other countries.

Operation

Note

• The screens in this manual may differ from the actual screens.

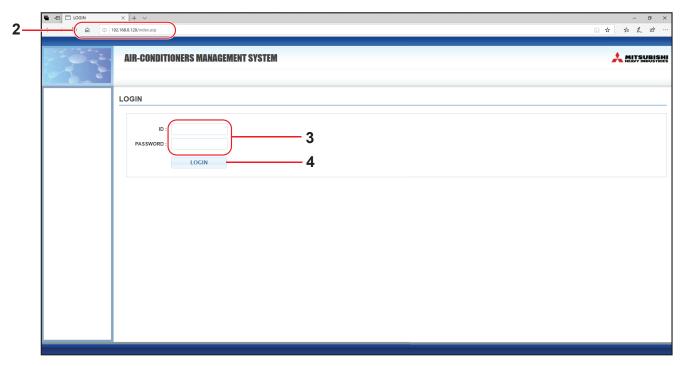
Logging In

LOGIN screen is the startup page of the web monitoring system. To display the login screen, enter the URL of the web monitoring system from the web browser of your PC.

- 1. Start the web browser of the PC.
- 2. Type the following URL into the address bar, and press the Enter key.

http://192.168.0.120/

(If you have changed the IP address of this product, type in the new IP address instead of 192.168.0.120.)



LOGIN screen

3. Type in the ID and PASSWORD.

The user allowed to log in and operate the web monitoring system is authenticated based on the ID and password.

* The factory default ID and password are set to the following values. The ID and password can be changed on the operator's ID/PASSWORD setting screen. page 35

[ID] : OPERATOR [PASSWORD] : 999999

4. Click the LOGIN button.

Note

- Each group user has each ID and password. page 34
- Group user can monitor and operate groups registered in the group user. (Except some functions)

Operations Common to All Screens

1. Selecting each screen

From the menu bar at the top of the screen, click the link to the screen name you want to use. The selected screen appears. The links to screens can be used on all screens. The following lists the screens available in this product.

[Screen list]

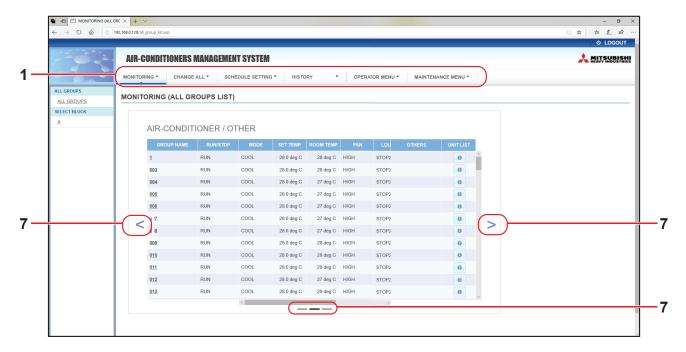
•	MONITORING	👉 page 6
•	CHANGE ALL	 page 17
•	SCHEDULE SETTING	page 17
•	HISTORY	page 28
•	OPERATOR MENU	page 31
•	MAINTENANCE MENU	page 38

Monitoring and Setting

The Monitoring screen automatically updates the information every 30 seconds. Depending on the status of network or performance of PC, it may take several seconds to complete the information update process.

■ Monitoring all groups list

After logging in, the MONITORING (ALL GROUPS LIST) screen appears.



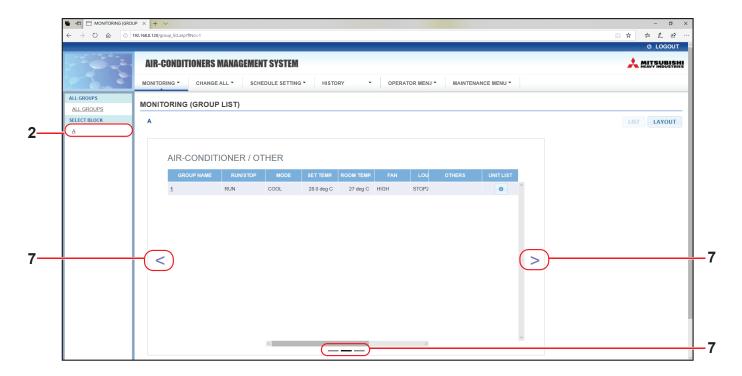
MONITORING (ALL GROUPS LIST) screen

The ALL GROUPS LIST screen centrally monitors the status of all target groups in the group type, and displays the group names and operating status icons for the registered groups.

To change a group type, click above "7".

■ Monitoring group list

1. Click GROUP LIST from the menu bar (MONITORING), or LIST button on the MONITORING (BLOCK LIST) screen.



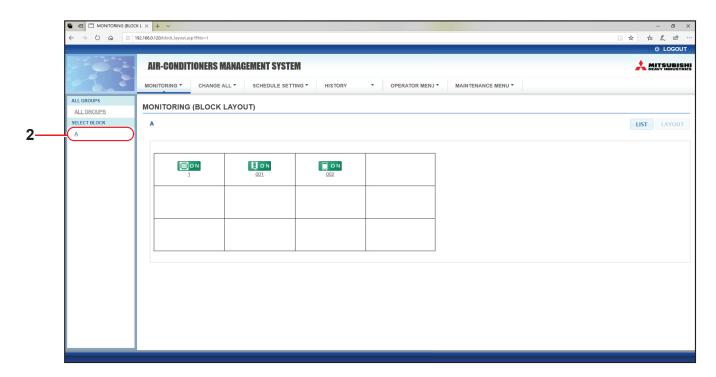
MONITORING (GROUP LIST) screen

2. Select a block.

To change a group type, click above "7".

■ Monitoring block layout

 Click BLOCK LAYOUT from the menu bar (MONITORING), or LAYOUT button on the MONITORING (GROUP LIST) screen.



Select a block.

[Types and indications of operating status icons]

Running state : At least one unit is running in the target group.

Paused state : All units have paused in the target Q-ton group.

Stopped state : All units have stopped in the target group.

Error state : One or more units in the target group are malfunction.

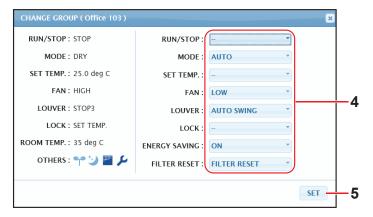
Communication error : One or more units in the target group cannot be monitored.

Home leave running state : At least one unit is running for home leave in the target group.

Home leave stopped state : All units have stopped and at least one units status is home leave in the target group.

3. Changing Settings of a group

Click a group name on the ALL GROUPS LIST screen, BLOCK LAYOUT screen or GROUP LIST screen.



CHANGE GROUP screen

This screen enables you to check the operating status and change settings of a selected group. The operating status of a selected group is displayed on the left side of the screen. This screen does not automatically update the operating status.

Note

When setting the temperature with SL4, disable the automatic setting of the remote control.

<For air conditioner group (page 32)>

The following items can be viewed and configured. The displayed information other than run/stop and filter sign is about the air conditioner specified as representative. (For the settings of representative unit. page 31.)

[RUN/STOP]

RUN, STOP, HOME LEAVE ON, HOME LEAVE STOP

RUN : The operation starts STOP : The operation stops

HOME LEAVE ON : Home leave operation starts
HOME LEAVE OFF : Home leave operation stops

* "STOP" is displayed only when all air conditioner stop in the group.

[MODE]

AUTO, COOL, DRY, FAN, HEAT

AUTO mode requires the SL4 central control setting. For details, refer to the User's Manual of the SL4 central control.

* The AUTO setting is not available for some air conditioner models.

[SET TEMP.]

By default, the temperature can be set in the range of 18 deg C to 30 deg C in increments of 0.5 deg C. When an operating mode is selected, the range is extended to the upper and lower limits of the selected mode. (In the SL4 central control, Fahrenheit and Celsius can be switched, and the upper and lower limits of the set temperature can be extended. Refer to the User's Manual of the SL4 central control.)

* When you set home leave on, you can't set mode and set temp.

[FAN]

POWERFUL, HIGH, MEDIUM, LOW, AUTO

AUTO requires the SL4 central control setting.

* Some settings are not available for some air conditioner models.

[LOUVER]

AUTO SWING, STOP1, STOP2, STOP3, STOP4

* The louver setting is ignored when configured for air conditioner without louver function.

[LOCK]

This item specifies to what degree the remote control operation should be disabled.

ALL LOCK : Disables all operations
ALL UNLOCK : Allows all operations

RUN/STOP : Disables run/stop operations

MODE : Disables the operating mode operations
SET TEMP. : Disables changing the temperature setting

RUN/STOP & MODE : Disables the run and stop operations, and the operating mode operations

RUN/STOP & SET TEMP. : Disables the run and stop operations, and changing the temperature setting

MODE & SET TEMP. : Disables the operating mode operations, and changing the temperature setting

* Individual settings are not available for some air conditioner models. For such models, only "Allow all" (ALL UNLOCK) and "Disable all" (ALL LOCK) can be selected.

[ENERGY SAVING]

Click the ON or OFF button.

When the ON button is selected, energy saving operation starts.

When the OFF button is selected, energy saving operation stops.

Use this operation to save energy. A unit shifts its set temperature by outside temperature.

[FILTER RESET]

Click the RESET button and the filter sign turns off.

[ROOM TEMP.]

Displays the room temperature of the representative unit.

[OTHERS]

Displays the filter sign, maintenance, schedule sign, energy saving and silent mode.

(This shows the group that is the target of the current day's schedule.
	Energy saving (This shows the group that is the target for energy saving.)
9	Silent mode (This shows the group that is the target for silent mode.)
	If at least one air conditioner in a block or group needs filter maintenance, this indicator lights up. When this happens, clean the filters.
عر	Inspection, Inspection 1, Inspection 2
عر	Backup operation (Inspection 3)

<For HMU group (page 32)>

The following items can be viewed or configured. The displayed information other than run/stop and filter sign is about the unit specified as representative. (For the settings of representative unit. page 31.)

[RUN/STOP] RUN, STOP

RUN : The operation starts STOP : The operation stops

* "STOP" is displayed only when all units stop in the group.

[MODE]

AUTO, COOL, PUMP, HEAT

AUTO mode requires the SL4 central control setting. For details, refer to the User's Manual of the SL4 central control.

* The AUTO setting is not available for some models.

[SET TEMP.] (Outlet water temperature)

By default, the temperature can be set in the range of 15 deg C to 30 deg C in increments of 0.5 deg C. When an operating mode is selected, the range is extended to the upper and lower limits of the selected mode. (In the SL4 central control, Fahrenheit and Celsius can be switched, and the upper and lower limits of the set temperature can be extended. Refer to the User's Manual of the SL4 central control.)

[LOCK]

This item specifies to what degree the remote control operation should be disabled.

ALL LOCK : Disables all operations
ALL UNLOCK : Allows all operations

RUN/STOP : Disables run/stop operations

MODE : Disables the operating mode operations
SET TEMP. : Disables changing the temperature setting

RUN/STOP & MODE : Disables the run and stop operations, and the operating mode operations
RUN/STOP & SET TEMP. : Disables the run and stop operations, and changing the temperature setting
MODE & SET TEMP. : Disables the operating mode operations, and changing the temperature setting

[ENERGY SAVING]

Click the ON or OFF button.

When the ON button is selected, energy saving operation starts.

When the OFF button is selected, energy saving operation stops.

Use this operation to save energy. A unit shifts its set temperature by outside temperature.

[SET TEMP. 2] (Inlet water temperature or Remote control temperature)

The temperature can be set in the range of 5 deg C to 55 deg C in increments of 0.5 deg C.

[FILTER RESET]

Click the RESET button and the filter sign turns off.

[OUTLET WATER TEMP.]

Displays the outlet water temperature of the representative unit.

[INLET WATER TEMP.]

Displays the inlet water temperature of the representative unit.

[R/C SENSOR TEMP.]

Displays the remote control temperature of the representative unit.

[OTHERS]

Displays the filter sign, maintenance, schedule sign and energy saving.

(This shows the group that is the target of the current day's schedule.
	Energy saving (This shows the group that is the target for energy saving.)
	If at least one unit in a block or group needs filter maintenance, this indicator lights up. When this happens, clean the filters.
عر	Inspection, Inspection 1, Inspection 2
عر	Backup operation (Inspection 3)

<For Q-ton group (page 32)>

The following items can be viewed or configured. The displayed information other than run/pause/stop is about the unit specified as representative. (For the settings of representative unit. page 31.)

[RUN/PAUSE/STOP] RUN, PAUSE, STOP

RUN : The operation starts
PAUSE : The operation pauses
STOP : The operation stops

[FILL UP]

Click the START or FINISH button.

[HW TEMP.]

By default, the temperature can be set in the range of 60 deg C to 90 deg C in increments of 1 deg C. (In the SL4 central control, Fahrenheit and Celsius can be switched, and the upper limits of the temperature can be changed. Refer to the User's Manual of the SL4 central control.)

^{* &}quot;STOP" is displayed only when all units stop in the group.

[SET HW AMOUNT]

Hot water storage amount can be set in the range of 10 % to 100 % in increments of 10 %.

[KEEP WARM TEMP.]

The temperature can be set in the range of 40 deg C to 63 deg C in increments of 1 deg C. (Only when the tank type is OPEN, refer to the User's Manual of the SL4 central control.)

[ANTI-LEGIONELLA]

Click the ON or OFF button.

[HEATING]

Click the ON or OFF button.

[HEAT SET TEMP.]

The temperature can be set in the range of 20 deg C to 52 deg C in increments of 1 deg C.

[PEAK-CUT]

The [Peak-cut %] can be set at 0%, 40%, 60% and 80%.

To cancel, click 100%.

[SILENT]

Click the ON or OFF button.

[MODE]

Displays the mode of the representative unit.

[HW AMOUNT]

Displays the hot water amount of the representative unit.

[HEATING STATUS]

Displays the heating status of the representative unit.

[OTHERS]

Displays the maintenance, schedule sign and silent mode.

(This shows the group that is the target of the current day's schedule.
9	Silent mode (This shows the group that is the target for silent mode.)
عر	Inspection, Inspection 1, Inspection 2
عر	Backup operation (Inspection 3)

Note

- The items that can be set depend on the application and tank type of the representative unit. Refer to the User's Manual of the SL4 central control.
- Set HW TEMP. and KEEP WARM at the same time.
- Set keep warm temp (KEEP WARM) less than storage hot water temp (HW TEMP.) by 5°C or more. Ex.) When storage hot water temp is 65°C, set keep warm temp less than 60°C.

4. Changing settings

Select an item from the pull-down menu for the setting you want to change.

5. Apply the changed setting.

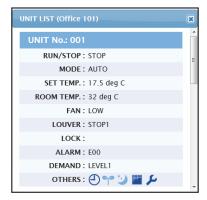
Click the SET button.

If you select multiple items and click the SET button, you will be able to change the settings of the multiple items collectively.

6. Displaying the unit list

Click UNIT LIST to display the operating status list of unit belonging to the selected group. The following items are shown in the list.

<For air conditioner group (page 32)>



UNIT LIST screen

[REP.] : Displays the "*" mark to indicate the representative unit of the target group.

Information from the representative unit is reflected on the group operating setting except for the information on the run/stop/home leave on/home leave off and filter

sign items.

[UNIT] : Displays the air conditioner number.

[RUN/STOP] : Displays run/stop/home leave on/home leave off as the status of the air conditioner.

[MODE] : Displays the operating mode of the air conditioner.

[SET TEMP.] : Displays the temperature setting of the air conditioner.

[ROOM TEMP.] : Displays the room temperature where the air conditioner is installed.

[FAN] : Displays the fan speed setting of the air conditioner.[LOUVER] : Displays the louver setting of the air conditioner.[LOCK] : Displays the invalid remote control operation.

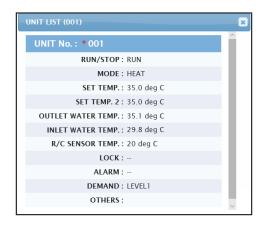
[ALARM] : Displays the error code when a malfunction occurs or maintenance code.(*)

[DEMAND] : Displays the processing level when a demand signal is entered.(*)

[OTHERS] : Displays filter sign, maintenance, schedule sign, energy saving and silent mode.(*)

(*) For details on each item, refer to the User's Manual of the SL4 central control.

<For HMU group (page 32)>



[REP.] : Displays the "*" mark to indicate the representative unit of the target group.

Information from the representative unit is reflected on the group operating

setting except for the information on the run/stop and filter sign items.

[UNIT] : Displays the unit number.

[RUN/STOP] : Displays run/stop as the status of the unit. [MODE] : Displays the operating mode of the unit.

[SET TEMP.] : Displays the temperature setting (Outlet water temperature) of the unit.

[SET TEMP. 2] : Displays the temperature 2 setting (Inlet water temperature or Remote control

temperature) of the unit.

[OUTLET WATER TEMP.] : Displays the outlet water temperature.

[INLET WATER TEMP.] : Displays the inlet water temperature.

[R/C SENSOR TEMP.] : Displays the remote control temperature.

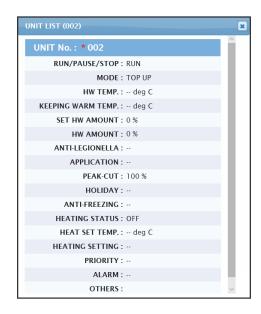
[LOCK] : Displays the invalid remote control operation.

[ALARM] : Displays the error code when a malfunction occurs or maintenance code.(*)

[DEMAND] : Displays the processing level when a demand signal is entered.(*)
[OTHERS] : Displays filter sign, maintenance, schedule sign, and energy saving .(*)

(*) For details on each item, refer to the User's Manual of the SL4 central control.

<For Q-ton group (page 32)>



[REP.] : Displays the "*" mark to indicate the representative unit of the target group.

Information from the representative unit is reflected on the group operating

setting except for the information on the run/pause/stop item.

[UNIT] : Displays the unit number.

[RUN/PAUSE/STOP] : Displays run/pause/stop as the status of the unit.

[MODE] : Displays the operating mode of the unit.

[HW TEMP.] : Displays the hot water temperature setting of the unit. [KEEPING WARM TEMP.] : Displays the keeping warm temperature setting of the unit.

[SET HW AMOUNT] : Displays the target hot water storage amount.

[HW AMOUNT] : Displays the hot water storage amount. [ANTI-LEGIONELLA] : Displays the anti-legionella status.

[APPLICATION] : Displays the application setting.

[PEAK-CUT] : Displays the peak-cut status.

[HOLIDAY] : Displays the holiday setting.

[ANTI-FREEZING] : Displays the anti-freezing status.

[HEATING STATUS] : Displays the heating status setting of the unit.

[HEAT SET TEMP.] : Displays the heat set temperature setting of the unit.

[HEATING SETTING] : Displays the heating setting of the unit. [PRIORITY] : Displays the priority setting of the unit.

[ALARM] : Displays the error code when a malfunction occurs or maintenance code.(*)

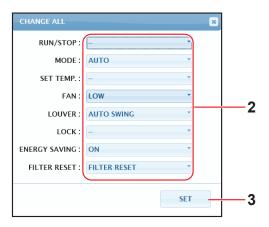
[OTHERS] : Displays maintenance, schedule sign, and silent mode.(*)

(*) For details on each item, refer to the User's Manual of the SL4 central control.

Change All

The CHANGE ALL screen enables you to perform collective operation for the target group. The target group for collective operation must be specified in advance. page 31

1. Click CHANGE ALL from the menu bar.



CHANGE ALL screen

2. Changing settings collectively

From the pull-down menu for the setting you want to change, select an item.

3. Apply the changed setting.

Click the SET button.

If you select multiple items and click the SET button, you will be able to change the settings of the multiple items collectively.

The details of the settings are the same as the details of the group settings described in page 8.

Schedule Setting

The SCHEDULE SETTING enables you to configure the schedule of operating unit.

The following schedule items can be configured on the screen.

- TODAY'S SCHEDULE
- YEARLY SCHEDULE
- DETAILED DAILY SCHEDULE
- SEASON SETTING
- DEFAULT SCHEDULE SETTING

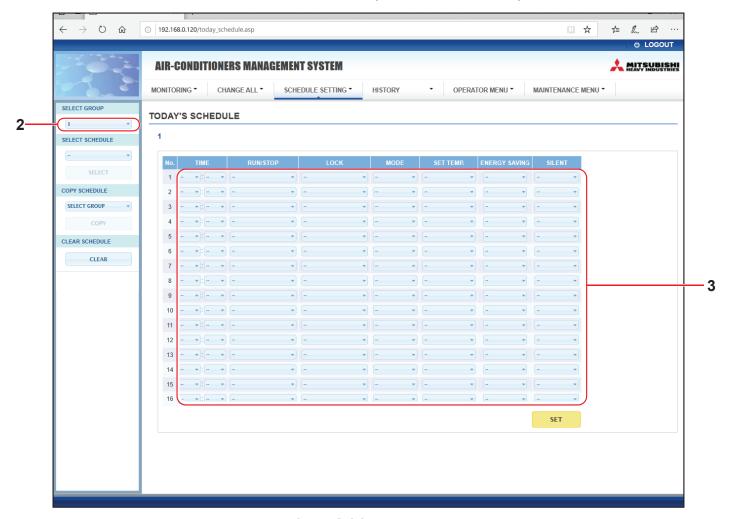
Note

When setting the temperature with SL4, disable the automatic setting of the remote control.

■ Today's Schedule

The TODAY'S SCHEDULE screen enables you to configure the current day's operation schedule for each group. The settings determined by yearly schedule and detailed daily schedule are reflected on today's schedule.

1. Select the TODAY'S SCHEDULE from the menu bar (SCHEDULE SETTING).



TODAY'S SCHEDULE screen

2. Select a target group.

From the SELECT GROUP pull-down menu on the upper left side of the screen, select a target group name.

3. Enter new settings.

From the pull-down menu, select an item of which setting you want to change. On this screen, you can register up to 16 schedule settings of the following items per day.

[TIME] Operation time setting (by the minute)

<For air conditioner group (page 32)>

[RUN/STOP] [LOCK] Blank (Not specified), RUN, STOP, HOME LEAVE ON, HOME LEAVE OFF Blank (Not specified), ALL LOCK, ALL UNLOCK, RUN/STOP, MODE, SET TEMP., RUN/STOP & MODE, RUN/STOP & SET TEMP., MODE & SET TEMP.

* As selectable items vary according to the current settings, refer to the User's Manual of the SL4 central control.

[MODE] Blank (Not specified), AUTO, COOL, DRY, FAN, HEAT, SEASON 👉 page 25

* As selectable items vary according to the current settings, refer to the User's Manual

of the SL4 central control.

[SET TEMP.] By default, the temperature can be set in the range of 18 deg C to 30 deg C in

increments of 0.5 deg C. When an operating mode is selected, the range is extended

to the upper and lower limits of the selected mode.

(In the SL4 central control, Fahrenheit and Celsius can be switched, and the upper and lower limits of the set temperature can be extended. Refer to the User's Manual of the

SL4 central control.)

[ENERGY SAVING] Blank (Not specified), ON, OFF page 9

[SILENT] Blank (Not specified), ON, OFF

* Priority is given to the silence of the outdoor unit. This function cannot be applied to

some indoor units.

<For HMU group (page 32)>

[RUN/STOP] Blank (Not specified), RUN, STOP

[LOCK] Blank (Not specified), ALL LOCK, ALL UNLOCK, RUN/STOP, MODE, SET TEMP.,

RUN/STOP & MODE, RUN/STOP & SET TEMP., MODE & SET TEMP.

* As selectable items vary according to the current settings, refer to the User's Manual

of the SL4 central control.

[MODE] Blank (Not specified), AUTO, COOL, PUMP, HEAT, SEASON 👉 page 25

* As selectable items vary according to the current settings, refer to the User's Manual

of the SL4 central control.

[SET TEMP.] By default, the temperature (Outlet water temperature) can be set in the range of

15 deg C to 30 deg C in increments of 0.5 deg C. When an operating mode is selected,

the range is extended to the upper and lower limits of the selected mode.

(In the SL4 central control, Fahrenheit and Celsius can be switched, and the upper and lower limits of the set temperature can be extended. Refer to the User's Manual of the

SL4 central control.)

[ENERGY SAVING] Blank (Not specified), ON, OFF page 11

[SET TEMP. 2] The temperature (Inlet water temperature or Remote control temperature) can be set

in the range of 5 deg C to 55 deg C in increments of 0.5 deg C.

<For Q-ton group (page 32)>

Note

• Set the items depend on the application.

 \bullet Set storage hot water temperature (HW TEMP.) higher than keep warm temperature by 5°C or more.

Ex.) When keep warm temperature is 60°C, set storage hot water temperature higher than 65°C.

[HW TEMP.] By default, the temperature can be set in the range of 60 deg C to 90 deg C in

increments of 1 deg C.

(In the SL4 central control, Fahrenheit and Celsius can be switched, and the upper limits of the temperature can be changed. Refer to the User's Manual of

the SL4 central control.)

[SET HW AMOUNT] Hot water storage amount can be set in the range of 10 % to 100 % in

increments of 10 %.

[ANTI-LEGIONELLA] Click the ON or OFF button.

[PEAK-CUT] The [Peak-cut %] can be set at 0%, 40%, 60% and 80%.

To cancel, click 100%.

[SILENT] Click the ON or OFF button.

[HEATING] [HEAT SET TEMP.] Click the ON or OFF button.

The temperature can be set in the range of 20 deg C to 52 deg C in increments of 1 deg C.

Note

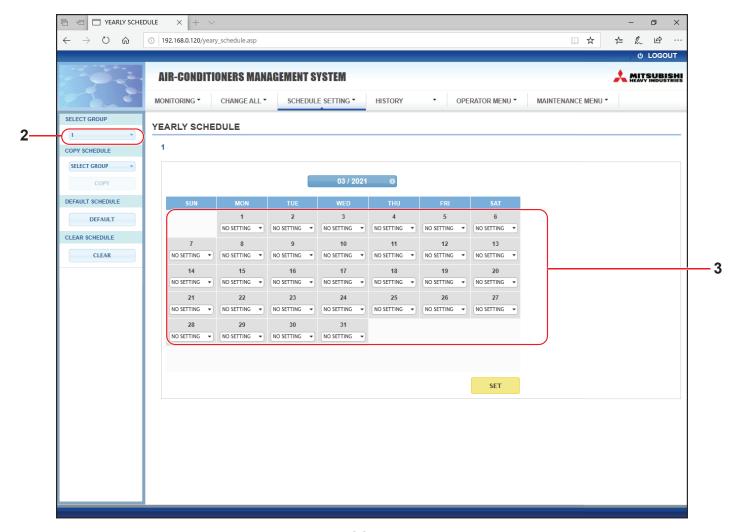
- Click the item to be changed on the list SELECT SCHEDULE, when you want to rewrite the current settings to the detailed daily schedule such as WEEKDAY, etc.
- Click the CLEAR button to delete all settings.
- Configure the schedule settings so that items No.1 to No.16 will be sorted in chronological order.
- Settings without time settings are invalid even if other items are configured.
- 4. Apply the changed setting.

Click the SET button on the lower right side of the screen. This applies the changed settings.

■ Yearly Schedule

The YEARLY SCHEDULE screen enables you to configure the operation schedule for a year. The settings for the following year reflect the default schedule (page 26).

1. Select the YEARLY SCHEDULE from the menu bar (SCHEDULE SETTING).



YEARLY SCHEDULE screen

2. Select a target group.

From the SELECT GROUP pull-down menu on the upper left side of the screen, select a target group name.

3. Enter new settings.

Click the position displaying the current setting of a date you want to change. From the pull-down menu, select a new setting from the menu. Two or more schedules can be changed at a time. The following five detailed daily schedules can be selected.

[WEEKDAY] : Applies the weekday schedule settings to the target date. [HOLIDAY] : Applies the holiday schedule settings to the target date.

[SPECIAL1] : Applies the schedule settings for special day 1 to the target date. [SPECIAL2] : Applies the schedule settings for special day 2 to the target date.

[NO SETTING] : Does not apply any settings to the target date schedule.

Note

The detailed daily schedule must be configured in advance. See Detailed Daily Schedule in page 22 to configure the settings.

4. Apply the changed setting.

Click the SET button on the lower right side of the screen. This applies the changed settings.

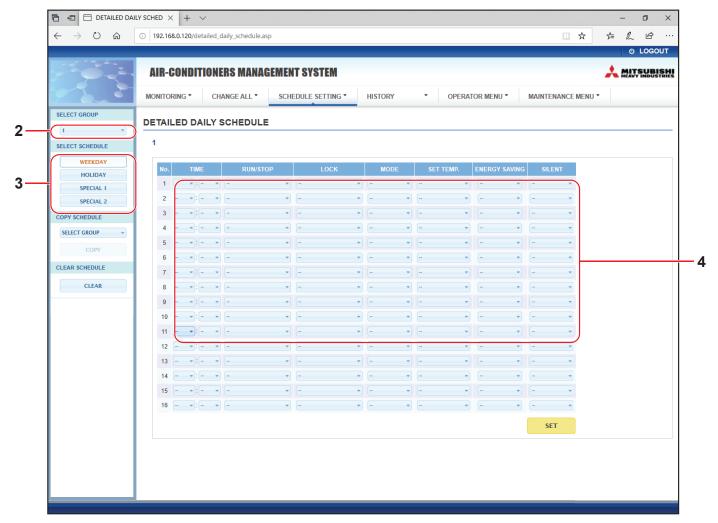
Note

- Press the or button to change the month.
- If the DEFAULT button is pressed, default schedule (page 26) is set.
- Click the CLEAR button to delete all settings.

■ Detailed Daily Schedule

The DETAILED DAILY SCHEDULE screen enables you to configure the detailed daily schedule. The schedule indicates WEEKDAY, HOLIDAY, SPECIAL1, and SPECIAL2. The operation schedule can be configured for each group.

1. Select the DETAILED DAILY SCHEDULE from the menu bar (SCHEDULE SETTING).



DETAILED DAILY SCHEDULE screen

2. Select a target group.

From the SELECT GROUP pull-down menu on the upper left side of the screen, select a target group name.

3. Select the detailed daily schedule.

From the SELECT SCHEDULE on the left side of the screen, click the detailed daily schedule of which settings you want to change.

The current schedule of the selected detailed daily schedule appears.

4. Enter new setting.

From the pull-down menu, select an item of which setting you want to change. On this screen, you can register up to 16 schedule settings of the following items per day.

[TIME] Operation time setting (by the minute)

<For air conditioner group (page 32)>

[RUN/STOP] Blank (Not specified), RUN, STOP, HOME LEAVE ON, HOME LEAVE OFF

[LOCK] Blank (Not specified), ALL LOCK, ALL UNLOCK, RUN/STOP, MODE, SET TEMP.,

RUN/STOP & MODE, RUN/STOP & SET TEMP., MODE & SET TEMP.

* As selectable items vary according to the current settings, refer to the User's Manual

of the SL4 central control.

[MODE] Blank (Not specified), AUTO, COOL, DRY, FAN, HEAT, SEASON 👉 page 25

* As selectable items vary according to the current settings, refer to the User's Manual

of the SL4 central control.

[SET TEMP.] By default, the temperature can be set in the range of 18 deg C to 30 deg C in

increments of 0.5 deg C. When an operating mode is selected, the range is extended

to the upper and lower limits of the selected mode.

(In the SL4 central control, Fahrenheit and Celsius can be switched, and the upper and lower limits of the set temperature can be extended. Refer to the User's Manual of the

SL4 central control.)

[ENERGY SAVING] Blank (Not specified), ON, OFF 👉 page 9

[SILENT] Blank (Not specified), ON, OFF

* Priority is given to the silence of the outdoor unit. This function cannot be applied to

some indoor units.

<For HMU group (page 32)>

[RUN/STOP] Blank (Not specified), RUN, STOP

[LOCK] Blank (Not specified), ALL LOCK, ALL UNLOCK, RUN/STOP, MODE, SET TEMP.,

RUN/STOP & MODE, RUN/STOP & SET TEMP., MODE & SET TEMP.

* As selectable items vary according to the current settings, refer to the User's Manual

of the SL4 central control.

[MODE] Blank (Not specified), AUTO, COOL, PUMP, HEAT, SEASON page 25

* As selectable items vary according to the current settings, refer to the User's Manual

of the SL4 central control.

[SET TEMP.] By default, the temperature (Outlet water temperature) can be set in the range of

15 deg C to 30 deg C in increments of 0.5 deg C. When an operating mode is selected, the range is extended to the upper and lower limits of the selected mode. (In the SL4 central control, Fahrenheit and Celsius can be switched, and the upper and lower limits of the set temperature can be extended. Refer to the User's Manual of the

SL4 central control.)

[ENERGY SAVING] Blank (Not specified), ON, OFF page 11

[SET TEMP. 2] The temperature (Inlet water temperature or Remote control temperature) can be set

in the range of 5 deg C to 55 deg C in increments of 0.5 deg C.

<For Q-ton group (page 32)>

Note

• Set the items depend on the application.

• Set storage hot water temperature (HW TEMP.) higher than keep warm temperature by 5°C or more. Ex.) When keep warm temperature is 60°C, set storage hot water temperature higher than 65°C.

[HW TEMP.] By default, the temperature can be set in the range of 60 deg C to 90 deg C in

increments of 1 deg C.

(In the SL4 central control, Fahrenheit and Celsius can be switched, and the upper limits of the temperature can be changed. Refer to the User's Manual of

the SL4 central control.)

[SET HW AMOUNT] Hot water storage amount can be set in the range of 10 % to 100 % in

increments of 10 %.

[ANTI-LEGIONELLA] Click the ON or OFF button.

[PEAK-CUT] The [Peak-cut %] can be set at 0%, 40%, 60% and 80%.

To cancel, click 100%.

[SILENT] Click the ON or OFF button.

[HEATING] Click the ON or OFF button.

[HEAT SET TEMP.] The temperature can be set in the range of 20 deg C to 52 deg C in increments

of 1 deg C.

Note

• Configure the schedule settings so that items No.1 to No.16 will be sorted in chronological order.

• Settings without time settings are invalid even if other items are configured.

• Click the CLEAR button to delete all settings.

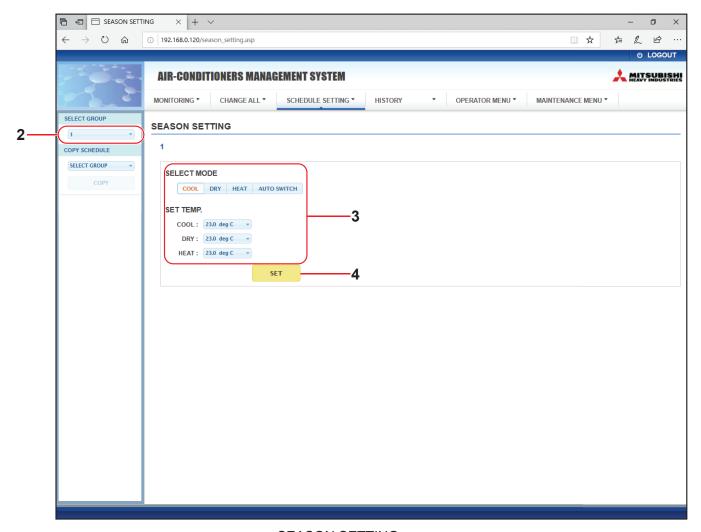
5. Apply the changed setting.

Click the SET button on the lower right side of the screen. This applies the changed settings.

■ Season Setting

The SEASON SETTING screen enables you to configure the operation to be reflected on unit of which operating mode is set to "SEASON". The operation can be set for each group. Selecting "SEASON" mode enables you to change the operating mode and temperature setting collectively at the changing seasons.

1. Select the SEASON SETTING from the menu bar (SCHEDULE SETTING).



SEASON SETTING screen

2. Select a target group.

From the SELECT GROUP pull-down menu on the upper left side of the screen, select a target group name (except the Q-ton group).

Enter new settings.

Select an operating mode from the following items, and select a set temperature from the pull-down menu.

[COOL] : Runs in cool mode when the operating mode is set to "SEASON".

[DRY] : Runs in dry mode when the operating mode is set to "SEASON" (except the HMU

group).

[HEAT] : Runs in heat mode when the operating mode is set to "SEASON".

[AUTO SWITCH] : Runs in auto switch mode when the operating mode is set to "SEASON".

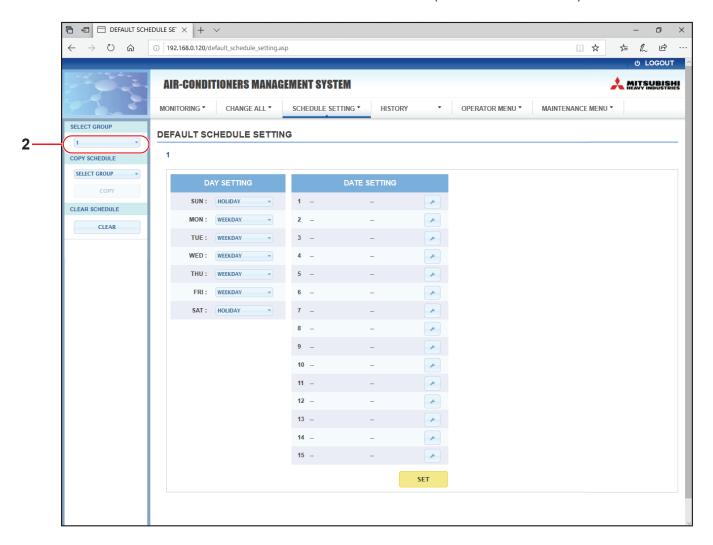
* The operation mode of the unit is decided by the outside temperature.

4. Apply the changed setting.

Click the SET button at the bottom of the screen. This applies the changed settings.

■ Setting a default schedule

1. Select the DEFAULT SCHEDULE SETTING from the menu bar (SCHEDULE SETTING).



DEFAULT SCHEDULE SETTING screen

- **2.** Select a target group.
 - From the SELECT GROUP pull-down menu on the upper left side of the screen, select a target group name.
- **3.** Enter new settings.
 - Set the day schedule to WEEKDAY, HOLIDAY, SPECIAL 1, SPECIAL 2, or NO SETTING.
- **4.** Set the date schedule if necessary.
- **5.** Apply the changed setting.

Click the SET button on the lower right side of the screen. This applies the changed settings.

■ [Copy the settings to apply them to other groups]

The schedule setting for the group currently selected can be copied to apply the same settings to other groups. Click COPY on the left side of the each schedule setting screen.

1. Select groups to which to copy the setting.

From the group list, select groups to which to copy the settings. You can click a group name to select or deselect the group to which to copy the settings. Clicking the CHECK ALL button selects all groups, and clicking the UNCHECK ALL button deselects all groups currently selected.

2. Copy the settings.

Click the COPY button to copy the settings of currently selected group.

Note

- If the changed settings have not been saved, pop up window appears.

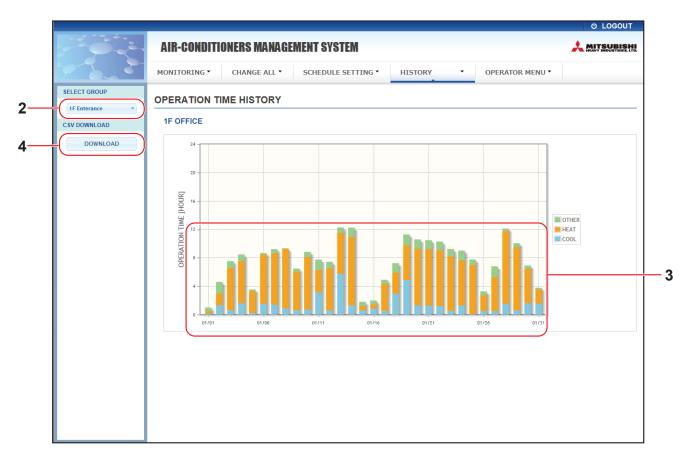
 Click the YES button to apply the changed settings. If you do not save the changed settings, click the NO button. If you do not want to copy, click the CANCEL button.
- For Today's Schedule and Detailed Daily Schedule, copy between same group type (page 32).

Operation Time History

The OPERATION TIME HISTORY screen displays a graph showing the accumulated daily operation time for a month by the group.

You can also download operation data (in CSV format) from this screen.

1. Click the OPERATION TIME HISTORY from the menu bar (HISTORY).



OPERATION TIME HISTORY screen

2. Select a target group.

From the SELECT GROUP pull-down menu on the upper left side of the screen, select a target group name. A graph for the selected group is displayed.

3. Check the operation time data.

Moving the mouse cursor over the bar graph displays the date, mode and operation time.

4. Download the operation data.

Click the DOWNLOAD button.

When the pop up window opens, specify the save destination and save it.

Note

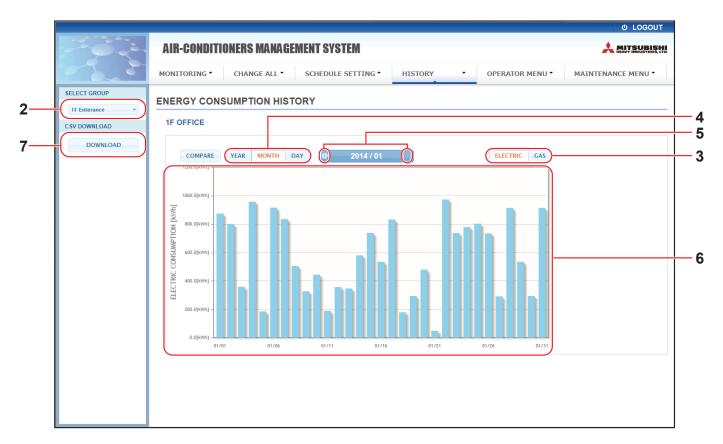
The downloaded file contains the operation time data of the selected group.

Energy Consumption History (SC-SL4-BE3 only)

The ENERGY CONSUMPTION HISTORY screen displays a graph showing the daily, monthly or yearly energy consumption history by the group (except the Q-ton group).

You can also download data (in CSV format) from this screen.

1. Click the ENERGY CONSUMPTION HISTORY from the menu bar (HISTORY).



ENERGY CONSUMPTION HISTORY screen

2. Select a target group.

From the SELECT GROUP pull-down menu on the upper left side of the screen, select a target group name. A graph for the selected group is displayed.

- 3. Select ELECTRIC or GAS.
- 4. Select YEAR, MONTH or DAY.
- 5. Select a time for which you want to view the accumulated consumption using

 or

 button.
- **6.** Check the energy consumption data.

Moving the mouse cursor over the bar graph displays the date, mode and the energy consumption.

7. Download the energy consumption data.

Click the DOWNLOAD button.

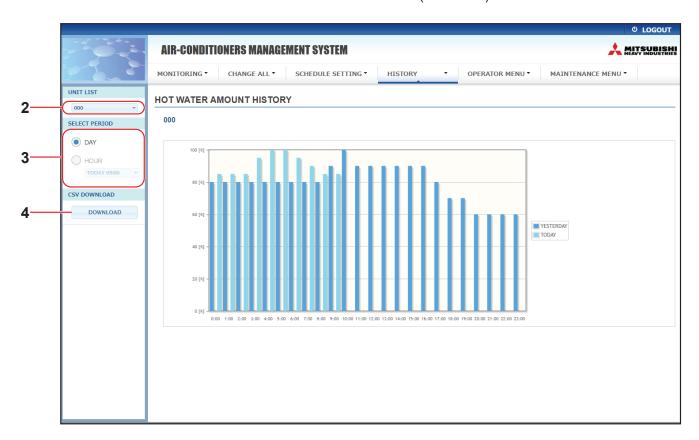
When the pop up window opens, specify the save destination and save it.

Note

- By pressing the COMPARE button, you can compare this year's data to the previous year's data when you select YEAR.
- The downloaded file contains the data of the selected group.

Hot Water Amount History

1. Click the HOT WATER AMOUNT HISTORY from the menu bar (HISTORY).



HOT WATER AMOUNT HISTORY screen

2. Select a target unit.

From the UNIT LIST pull-down menu on the upper left side of the screen, select a target unit number. A graph for the selected unit is displayed.

3. Select DAY or HOUR.

When selecting HOUR, select a time for which you want to view.

4. Download the operation data.

Click the DOWNLOAD button.

When the pop up window opens, specify the save destination and save it.

Note

The downloaded file contains the data of the group for the selected unit.

Operator Menu

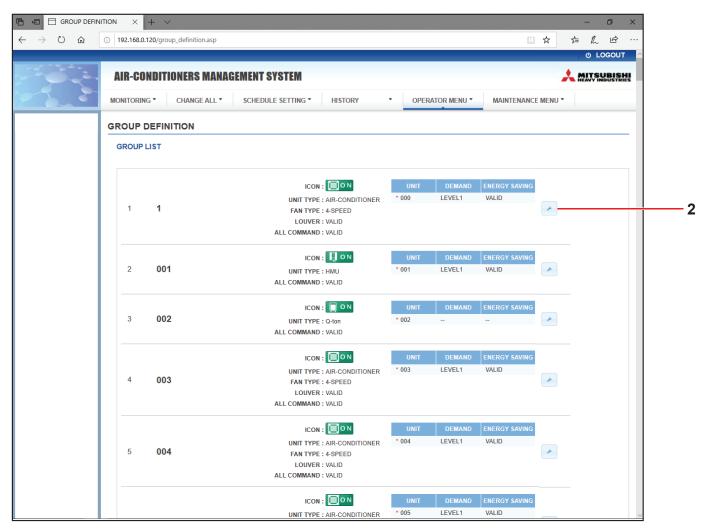
The OPERATOR MENU enables you to configure the system settings for operators. The following items can be viewed and configured on this screen.

- GROUP DEFINITION
- OPERATOR SETTING
- GROUP USER SETTING
- DOWNLOAD MONTHLY DATA FILES (SC-SL4-BE3 only)
- SYSTEM INFORMATION

■ Group Definition

The GROUP DEFINITION screen enables you to define and configure groups. The list of the following items are displayed for each group.

1. Select the GROUP DEFINITION from the menu bar (OPERATOR MENU).



GROUP DEFINITION screen

[No.] : Displays the group number.

[GROUP NAME] : Displays the name of the target group. If no groups have been registered, this item

is left blank.

[REP.] : Displays the "*" mark to indicate the representative unit of the target group. Information from the representative unit is reflected on the group operating

information except for the information on the run/stop and filter sign items.

[UNIT No.] : Displays the list of unit numbers belonging to the target group.

[DEMAND] : Displays the processing level (LEVEL1, 2, or 3) when a demand signal is entered.

(For details on the demand, refer to the User's Manual of the SL4 central control.)

[ALL COMMAND] : Prompts you to determine whether to apply collective settings. page 17

VALID Applies collective settings

INVALID Does not apply collective settings

[FAN TYPE] : Displays the fan type (1-speed, 2-speed(Hi-Me), 2-speed(Hi-Lo), 3-speed or

4-speed) for the target group.

[LOUVER] : Displays VALID or INVALID of louver for the target group.

VALID Group which can be set air position

INVALID Group which cannot be set air position

[TYPE] : Displays unit type (Air-Conditioner, Other, HMU or Q-ton) for the target group.

When you select "Other", you can't set mode, temperature setting, fan and air

direction.

[ICON] : Displays the Icon for the target group.

[ENERGY SAVING] : Displays VALID or INVALID of energy saving for the target group.

Note

• Factory default, one unit is registered in one group in advance. To register a unit in another group, delete the existing registration first and then register it in another group.

• Factory Setting, the group names are shown by sequential numbers such as "001,002,003,...".

• The unit numbers are displayed in different names depending on communication methods.

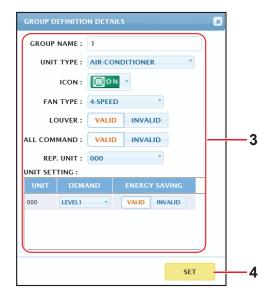
Example when setting a previous SL: 1-00 (Superlink No. - Indoor address)

Example when setting a new SL: 005 (Indoor address)

■ [To edit group definition]

2. Select a group to edit.

On the GROUP DEFINITION screen, click the button of a group you want to edit. The following screen appears, displaying the list of information about unit registered in the target group.



GROUP DEFINITION DETAILS screen

3. Enter new settings.

Enter or select a new setting. The following items can be configured.

[GROUP NAME] : Type in a name using up to 16 one-byte characters (The name must be unique and

not be overlapped with other group names.)

[UNIT TYPE] : Select unit type (Air-Conditioner, Other, HMU or Q-ton) for the target group.

When you select "Other", you can't set mode, temperature setting, fan and air

direction.

Note

• HMU: Hydro module unit

· Q-ton: Heat pump water heater

[ICON] : Select the Icon for the target group.

[FAN TYPE] : Select the fan type (1-speed, 2-speed(Hi-Me), 2-speed(Hi-Lo), 3-speed or 4-speed)

for the target group (except the HMU and Q-ton group).

[LOUVER] : Select VALID or INVALID of louver for the target group (except the HMU and Q-ton

group).

VALID Group which can be set air position

INVALID Group which cannot be set air position

[ALL COMMAND] : Enables you to specify whether to apply collective settings. 👉 page 17

VALID Applies collective settings

INVALID Does not apply collective settings

[REP. UNIT] : Select the radio button of the unit to be set as the representative unit.

The representative unit is reflected on the group operating information except for

the information on the run/stop and filter sign items.

[UNIT] : Displays the unit number.

[DEMAND] : Select the processing level (LEVEL1, 2, or 3) when a demand signal is entered

(except the Q-ton group).

(For details on the demand, refer to the User's Manual of the SL4 central control.)

[ENERGY SAVING] : Select VALID or INVALID of energy saving for the target group (except the Q-ton

group).

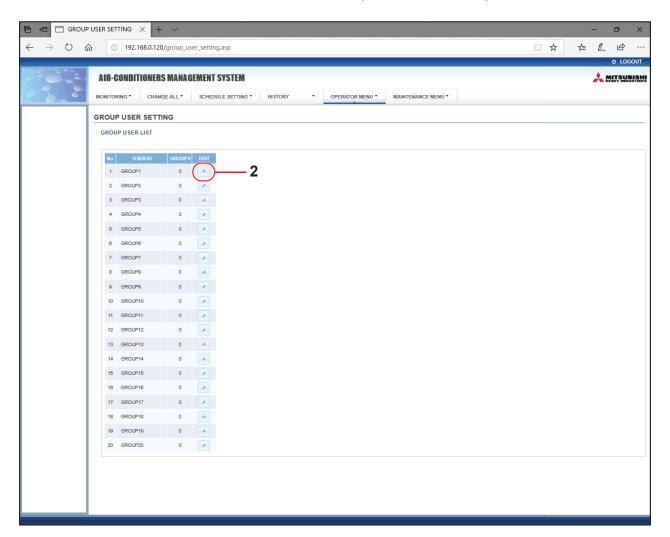
4. Apply new setting

Click the SET button on the lower right side of the screen. This applies the changed settings.

Group User Setting

This screen enables you to specify the group user's ID and password to be used for logging in the web system. When this screen appears, the current settings are displayed in the USER ID and PASSWORD fields.

1. Select the GROUP USER SETTING from the menu bar (OPERATOR MENU).



GROUP USER SETTING screen

2. Enter new settings.

Click the / button of group user you want to edit.



GROUP USER DETAILS screen

3. Enter a new setting in each item.

Up to 16 one-byte alphanumeric characters can be used for the ID, and up to 8 one-byte alphanumeric characters for the password.

4. Apply the changed setting.

Click the SET button at the bottom of the screen. This applies the changed settings.

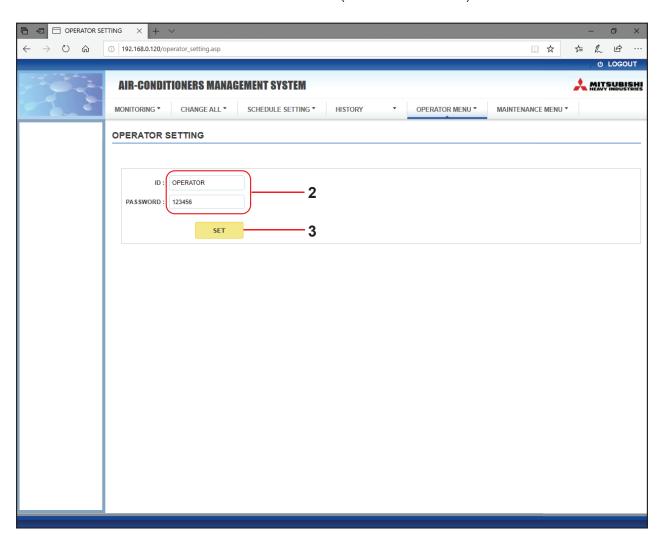
Note

Same characters cannot be set for multiple ID.

Operator Setting

This screen enables you to specify the operator's ID and password to be used for logging in the web system. When this screen appears, the current settings are displayed in the ID and PASSWORD fields.

1. Select the OPERATOR SETTING from the menu bar (OPERATOR MENU).



OPERATOR SETTING screen

2. Enter new settings.

Enter a new setting in each item.

Up to 16 one-byte alphanumeric characters can be used for the ID, and up to 8 one-byte alphanumeric characters for the password.

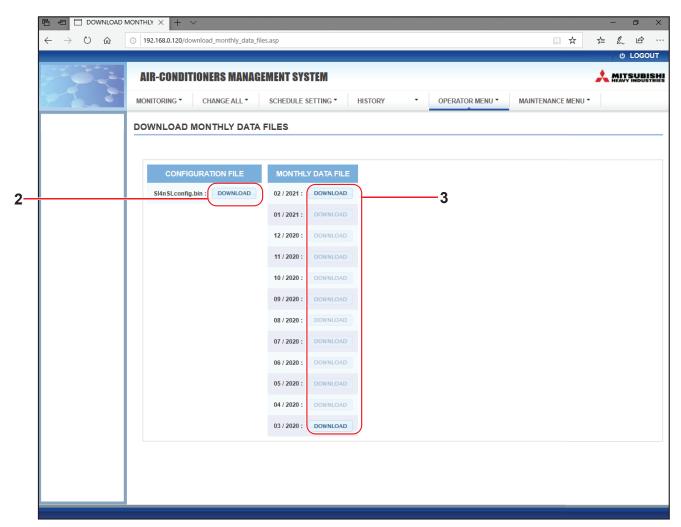
Apply the changed setting.

Click the SET button at the bottom of the screen. This applies the changed settings.

Download Monthly Data Files (SC-SL4-BE3 only)

The DOWNLOAD MONTHLY DATA FILES screen enables you to download the accounting data. Accounting data of 12 months including the data from the current month can be downloaded.

1. Select the DOWNLOAD MONTHLY DATA FILES from the menu bar (OPERATOR MENU).



DOWNLOAD MONTHLY DATA FILES screen

2. Download the configuration file.

You can download the latest group configuration data. Click the DOWNLOAD button in the CONFIGURATION FILE field. When the pop up window opens, specify the save destination and save it.

3. Download the monthly accounting data file.

In the MONTHLY DATA FILE field, click the DOWNLOAD button of the target month. When the pop up window opens, specify the save destination and save it.

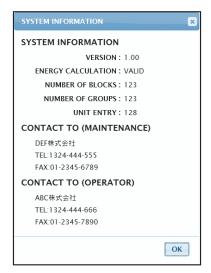
Note

The file downloaded in the above procedure can be viewed using the accounting data calculation software (SL4-BE2 Utility). The accounting data calculation software is attached only to SC-SL4-BE3 units.

System Information

The SYSTEM INFORMATION screen enables you to view the system information of this product. This screen displays the following information.

1. Select the SYSTEM INFORMATION from the menu bar (OPERATOR MENU).



SYSTEM INFORMATION screen

VERSION

Displays the version of the management system currently used.

ENERGY CALCULATION

Displays VALID. (SC-SL4-BE3 only)

NUMBER OF BLOCKS

Displays the number of blocks currently registered.

NUMBER OF GROUPS

Displays the number of groups currently registered.

UNIT ENTRY

Displays the number of unit belonging to the groups currently registered.

CONTACT TO

Displays the contact information related to the maintenance and operator of this product.

Log out

To log out of this system after you have logged in, click LOGOUT on the upper right side of the screen. The login screen appears when you have logged out.

Using MAINTENANCE MENU

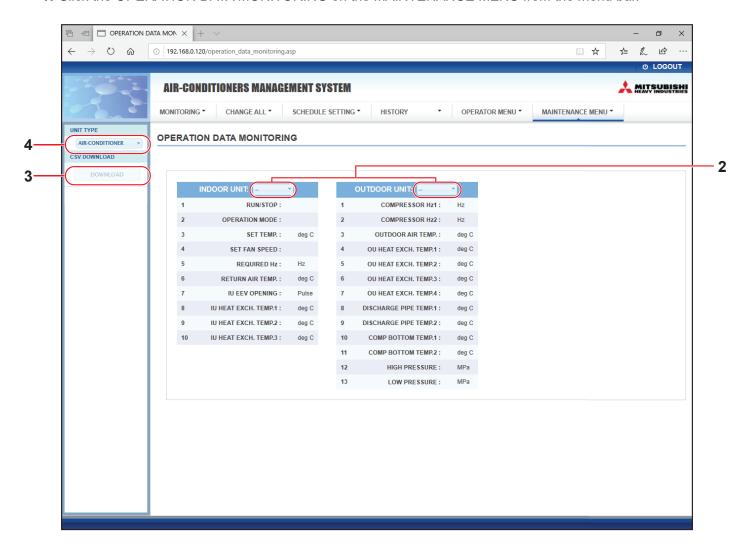
The MAINTENANCE MENU is provided for dealers and qualified professionals responsible for maintaining the central control units.

When logging in with a normal operator's ID, you are not permitted to operate the MAINTENANCE MENU.

Operation Data Monitoring

You can monitor the operation data of indoor unit and outdoor unit.

Click the OPERATION DATA MONITORING on the MAINTENANCE MENU from the menu bar.



OPERATION DATA MONITORING screen

2. Select Indoor Unit address and/or Outdoor Unit address.

The selected units are set.

To change a group type, click above "4".

<When saving the data>

3. Click the DOWNLOAD button.

The data of selected units is saved.

Troubleshooting

Forgot the IP address	
Forgot the IP address, made an incorrect setting	Refer to the SL4 central control setting.
Forgot the ID/password	
A connection error occurs	Check whether the entered address was correct. Click the "Refresh" button in Web Browser. If this will not fix the problem, restart Web Browser.
The monitoring PC freezes every few months.	Restart Web Browser regularly.
On-screen operation goes smoothly, but the actual unit does not operate.	Check whether you are operating in virtual mode. Check the setting in the SL4 central control.
Temperature settings (10 deg. C to 17.5 deg. C and 30.5 deg. C to 35 deg. C) cannot be changed.	Some units may not allow the temperature settings to be changed. Contact your dealer for advice.
Scheduled operation does not work	Check whether the schedule settings (Today's schedule and detailed daily schedule) are configured correctly.



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