

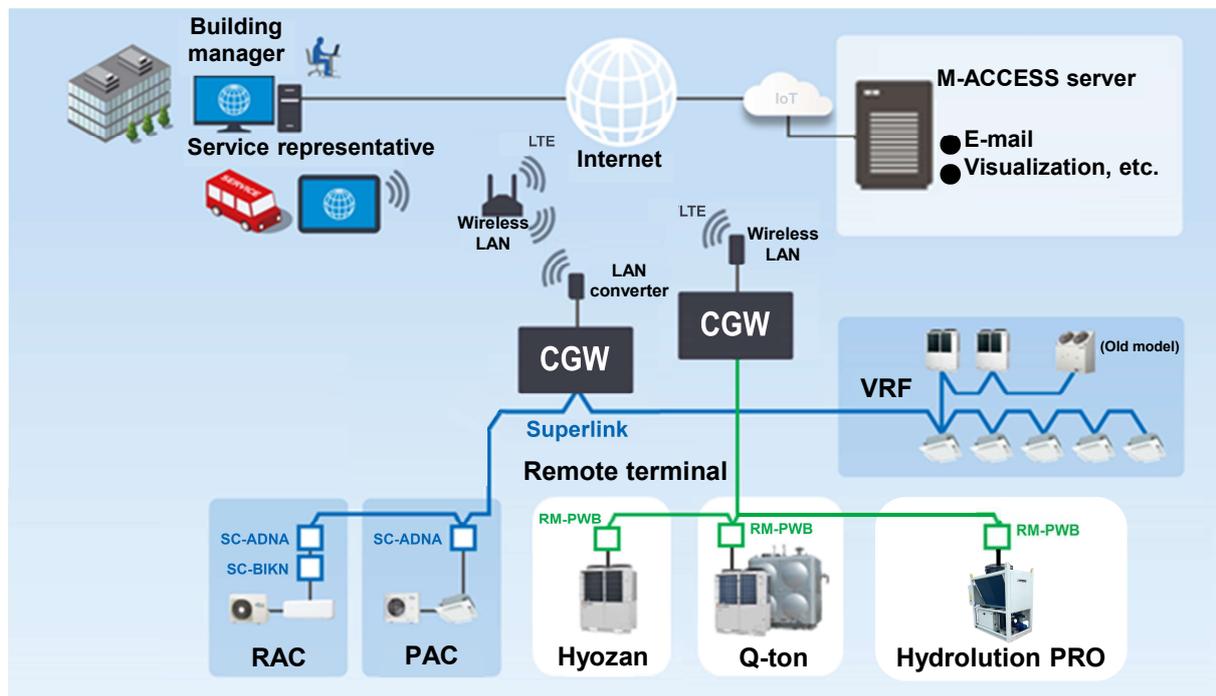
M-ACCESS User's Manual

January, 2025 Ver. 2.0



Introduction

This system centrally controls and manages, on the cloud, air conditioners (outdoor and indoor units) and heat source units (Air to water heat pump ,CO₂ condensing unit and Air to water heat pump chiller) installed at each site.



■Main functions

- Visualization and change of the air conditioning status
You can view the following indoor unit states: (1) to (6).
You can change the settings (1) to (4) from the cloud.
 - Run/Stop state
 - Operation mode
 - Fan speed
 - Set temperature
 - Room temperature
 - Error status
- Monitoring of industrial heat source units
You can view the following states of heat source units: (1) to (4).
 - Run/Stop state
 - Various temperatures
 - Various pressures of the compressor
 - Error code
- Management of air conditioner
You can manage the air conditioner using the function (1) to (4).
 - Schedule function
 - Energy saving control function
 - Demand control function
 - Logic control function
- Analyzing the daily operation of heat source units
You can download daily operational data of the heat source units. Periodic reports are additionally provided for the Hydrolution PRO and Q-ton.
- Long-term Data Storage(*)
You can store the unit's operational data, error occurrences, and periodic report for a duration of 10 years.

■Management targets

This system manages and configures in the following segments:

- Site
Indicates a segment of a building. Up to 128 sites can be managed using one account.
- Floor
Indicates a floor of a site. Up to 15 floors can be managed aboveground and up to four floors can be managed underground per site.
- Group
Indicates a section or room to which the indoor unit is assigned. Assign any indoor unit to a group to manage and control.
- Unit
Indicates an air conditioning unit. This system allows you to display or change the status of air conditioners in the same way as the remote control.
- Heat source unit
This system can display the status of the following two types of heat source units:
 - Air to water heat pump (hereinafter referred to as "Q-ton")
 - CO₂ condensing unit (hereinafter referred to as "Hyozan")
 - Air to water heat pump chiller(hereinafter referred to as "Hydrolution PRO")

(*) Some operational data can be exported as a CSV file, and the decimal point is expressed using "." not ",".

■Supported operating systems and browser specifications

		OS			
		Windows 10	Windows 11	iOS 15	Android 9
Browser	MS Edge	○	○	—	—
	Chrome	○	○	—	○
	Safari	—	—	○	—

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Appendix 1 : Icon List

Appendix 2 : Schedule setting file

Appendix 3 : Collective setting file

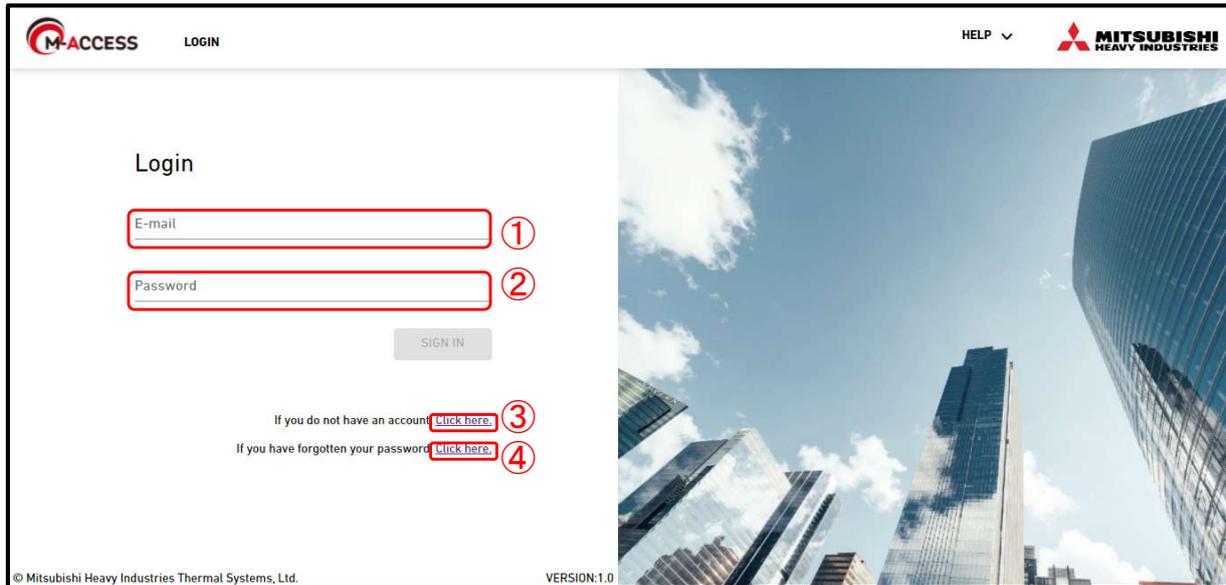
Appendix 4 : Custom language file

1. Operation



1.1. Login Screen

This screen is used to log in to M-ACCESS.



- Enter the following login information and click [SIGN IN] to move to [1.4. MY SITES Screen].
 - ① E-mail
 - ② Password
- If you want to create a new account, click ③ to access [1.2. New Account Creation Screen].
- If you have forgotten your password, click ④ to access [1.3. Password Reset Screen].

1.2. New Account Creation Screen

This screen is used to create a new account for M-ACCESS.

M-ACCESS LOGIN HELP MITSUBISHI HEAVY INDUSTRIES

No Account? Register now.

① E-mail address*

② Password*

The password must be at least 10 characters long including the following: At least one lowercase and uppercase character, a number and a symbol. It must not include any details of your email address.

Confirm password*

③ In order to proceed with creating an M-ACCESS account and using the M-ACCESS Service, please confirm that you have read the M-ACCESS Service Privacy Policy and User terms, agree to the basis upon which we will collect and process your Personal Data and Technical Data.

Acknowledgement of the M-ACCESS Privacy Policy
I acknowledge that I have read and understood the information in the M-ACCESS Privacy Policy regarding the collection and use of my Personal Data.

Consent to the collection and use of Technical Data under e-
-

I agree with the above 3 items

REGISTER

Already got an account? [Login now.](#)

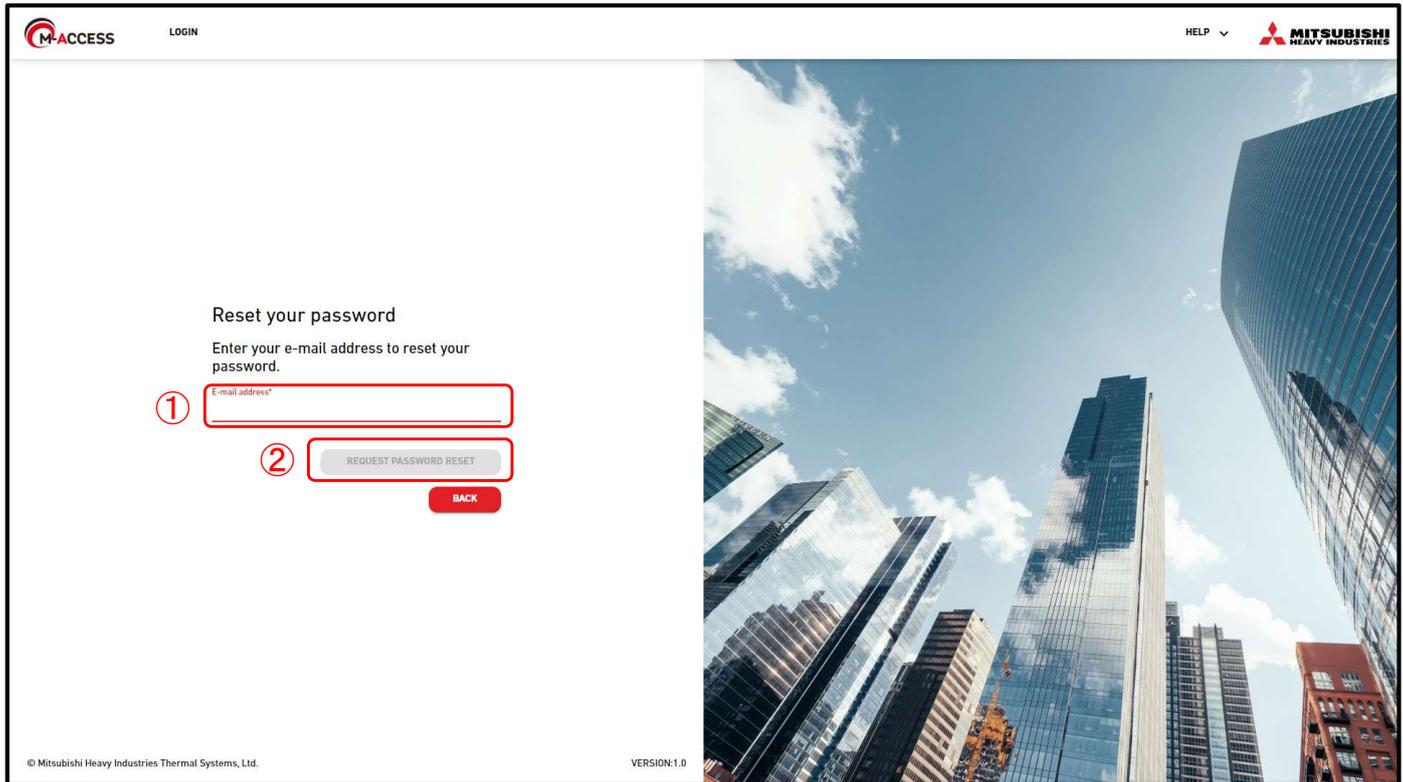
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The account creation procedure is as follows:

1. Enter the following items, and click [REGISTER]. You need to enter all items.
 - ① E-mail address
 - ② Password
The password must be at least 10 characters long including the following; At least one lowercase and uppercase character, a number and a symbol. It must not include any details of your email address.
 - ③ I agree with the terms and conditions
Click [the M-ACCESS Privacy Policy] [the M-ACCESS User terms] to confirm the terms and conditions. If you agree, select this check box.
2. The e-mail containing the URL for registration is sent to the e-mail address you entered in ①. When you successfully access this URL, your account will be enabled.

1.3. Password Reset Screen

This screen is used to re-register the password if you have forgotten it.



The re-registration procedure is as follows:

1. Enter the e-mail address registered to your account in ①, and click [REQUEST PASSWORD RESET] in ②; the verification code will be sent to the e-mail address.
2. If you click [OK] on the pop-up that appears at the top of the screen, the "Enter your new password and verification code" field appears. Enter the new password and the verification code you received in step 1, and click [RESET PASSWORD].

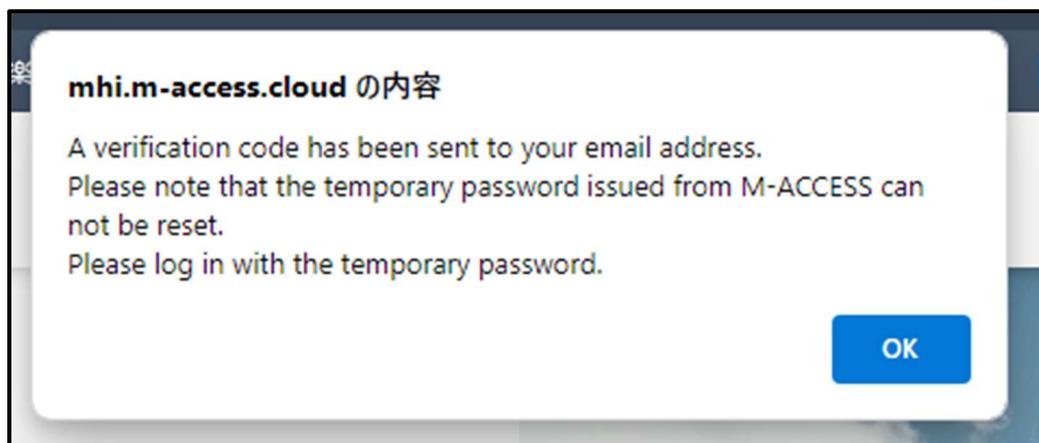
"Enter your new password and verification code" field

3. This completes the password re-registration process. Click [OK] on the pop-up that appears at the top of the screen to move to [1.1. Login Screen].

1.3. Password Reset Screen

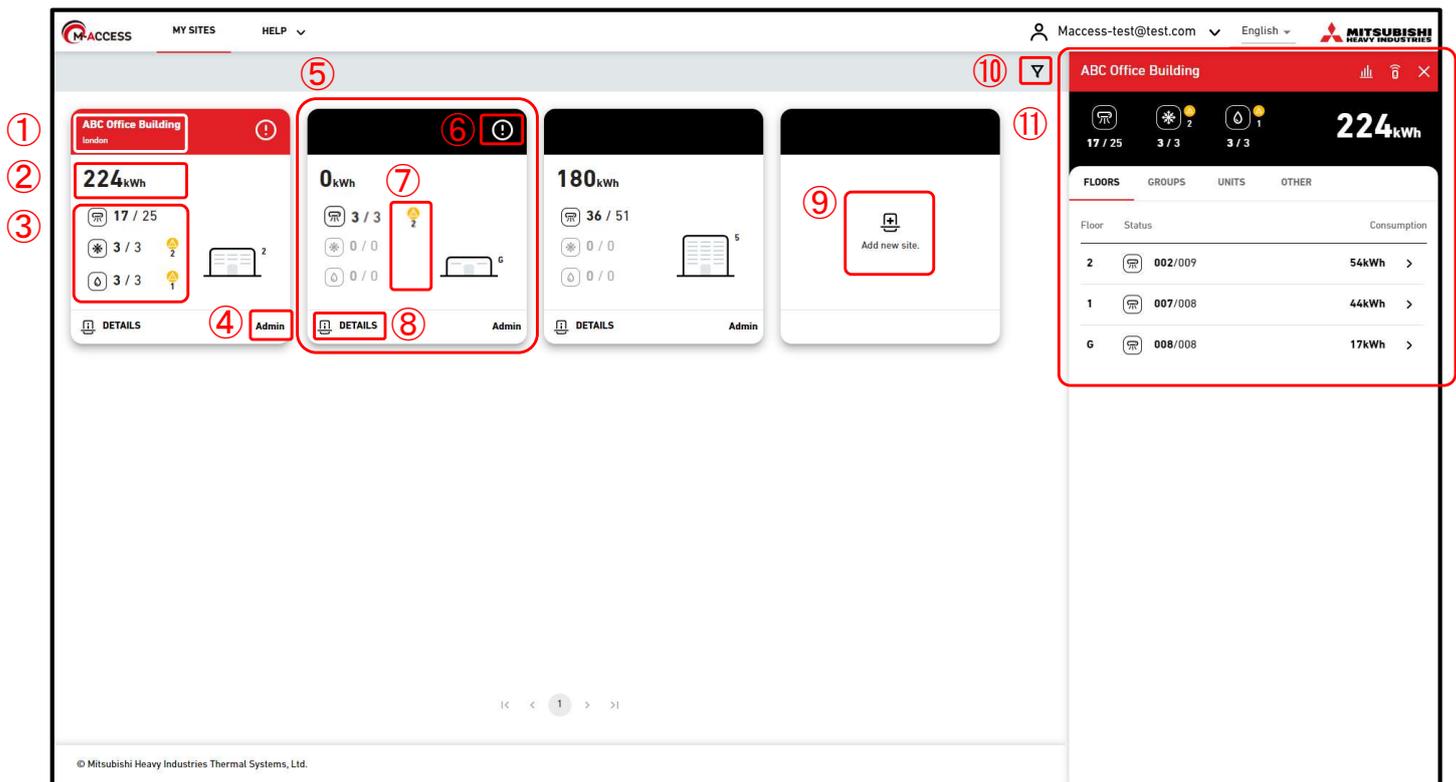
Note

The temporary password cannot be reset. If it is expired, please ask the administrator to delete the temporary account and send the invitation again.



1.4. MY SITES Screen

This screen is used to display all the sites you can view with the logged-in account.



- "Site" indicates a segment of a building.
- Click [MY SITES] on the menu bar at the top of the screen to move to this screen.
- "Site" displays the following items:
 - ① Site name and city name
 - ② Power consumption of the entire site
This indicates the amount of power consumed in the entire site from midnight to the present time of the same day.
 - ③ Number of units in operation among the units registered in the site
1st icon from the top indicates the air conditioner and 2nd icon is for Hyozan and Hydrolution PRO. 3rd icon is for Q-ton.
The numbers on the right indicate (number of units in operation) / (number of registered units).
 - ④ Authority assigned to the logged-in account for each site
- If you click ⑤ and select a site, the operation screen shown in ⑪ is displayed. For details on the specifications of the operation screen, refer to [1.19. Operation Screen].
- If your subscription payment is not completed or a payment error occurs, an exclamation mark icon are displayed as shown in ⑥. Click icon ⑥ to move to [2.14. Subscription Payment Screen].
- If an error occurs, the error icon and the number of units exhibiting abnormalities are displayed as shown in ⑦. The error details can be viewed on [1.26. Remote Control] and [1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen].
- Click [DETAILS] in ⑧ to move to [1.6. Overview Screen].
- Click ⑨ to move to [1.5. Add site Screen].
- If you click the filter icon ⑩, you can change the number and order of the site's display, as well as adding filters.

1.5. Add site Screen

This screen is used to add a site.

You can enter the following items and click [SAVE] to add a site.

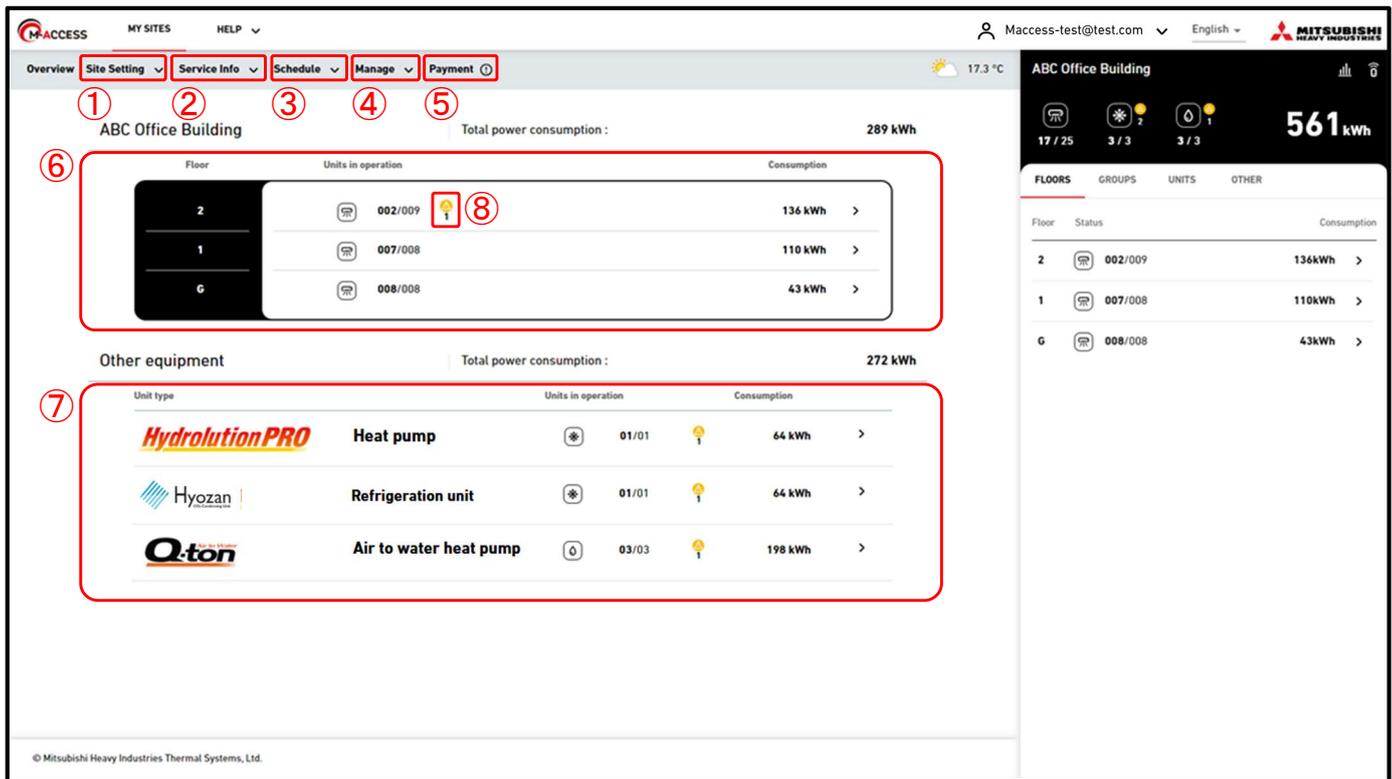
[Site Name]	Enter the site name.
[City]	Enter the site location.
[Location]	Select the target city for weather information (search possible).
[Timezone]	Select the site location area (search possible).
[Number of floors]	Select the number of aboveground floors and the number of underground floors (*).

(*) The allowable range is as follows:

[Aboveground]	Ground floor, 1 ~ 14	(1st ~ 15th floors aboveground)
[Basement]	-, B1 ~ B4	(No floors ~ four floors underground)

1.6. Overview Screen

This screen is used to display the site overview.



- Click [Site setting] in ① to display the following items:
 - [Gateway] Click this to move to [2.1. Gateway Setting Screen].
 - [Group] Click this to move to [2.10. Air Conditioner Group Setting Screen].
 - [Hyozan Group] Click this to move to [2.11. Hyozan Group Setting Screen].
 - [Site] Click this to move to [2.12. Site Setting Screen].
 - [Site users] Click this to move to [2.13. Site Users Setting Screen].
- Click [Service Info] in ② to display the following items:
 - [Daily report] Click this to move to [1.7. Daily report Screen].
 - [Transfer request] Click this to move to [1.8. Transfer request Screen].
 - [Periodic report] Click this to move to [1.9. Periodic report Screen].
 - [Error history] Click this to move to [1.10. Error history Screen].
 - [Operation data history] Click this to move to [1.11. Operation data history Screen].
 - [Service history] Click this to move to [1.12. Service history Screen].

1.6. Overview Screen

- Click [Schedule] in ③ to display the following items:
 - [Yearly calendar]
Click this to move to [1.13. Yearly calendar Screen].
 - [Today's schedule]
Click this to move to [1.14. Today's schedule Screen].
 - [Schedule template]
Click this to move to [1.15. Schedule template Screen].
- Click [Manage] in ④ to display the following items:
 - [Energy saving control]
Click this to move to [1.16. Energy saving control Screen].
 - [Demand control]
Click this to move to [1.17. Demand control Screen].
 - [Logic control function]
Click this to move to [1.18. Logic control function Screen].
- Click [Payment] in ⑤ to move to [2.14. Subscription Payment Screen].
If your subscription payment is not completed or a payment error occurs, an exclamation mark icon will be displayed to the right of "Payment".
- ⑥ displays the following items:
 - [Units in operation]
This indicates the number of units in operation among the air conditioners registered for each floor.
The numbers indicate (number of units in operation) / (number of registered units).
 - [Consumption]
This indicates the amount of power consumed on each floor from midnight to the present time of the same day.
- ⑦ displays the following items:
 - [Unit type]
This indicates a unit other than the air conditioners registered in the site.
 - [Units in operation]
This indicates the number of units in operation for each unit.
The numbers indicate (number of units in operation) / (number of registered units).
 - [Consumption]
This indicates the amount of power consumed in each unit type from midnight to the present time of the same day.
- If an error occurs, the error icon and the number of units exhibiting abnormalities are displayed as shown in ⑤. The error details can be viewed on [1.26. Remote Control] and [1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen].

1.7. Daily report Screen

This screen is used to download the daily report data of Q-ton/Hyozan/Hydrolution PRO.

Daily report data

You can download the daily report data containing detail operational data which is useful for the service or maintenance purpose.

Operation data(daily)

0 selected (total 0KB)

<input type="checkbox"/>	File name ↓	Size(KB)	Time stamp
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Rows per page: 25 0-0 of 0 < >

Operation data(monthly)

0 selected (total 0KB)

<input type="checkbox"/>	File name ↓	Size(KB)	Time stamp
<input type="checkbox"/>	20230700_M.zip	1167.4	22/07/2023 00:05
<input type="checkbox"/>	20230600_M.zip	3623.7	13/07/2023 08:54
<input type="checkbox"/>	20230500_M.zip	4831.9	27/06/2023 11:52
<input type="checkbox"/>	20230300_M.zip	2448.4	10/07/2023 15:05

Rows per page: 25 1-13 of 13 < >

Other

0 selected (total 0KB)

<input type="checkbox"/>	File name ↓	Size(KB)	Time stamp
--------------------------	-------------	----------	------------

Rows per page: 25 0-0 of 0 < >

DOWNLOAD

Total size : 0KB (Max size: 500MB)

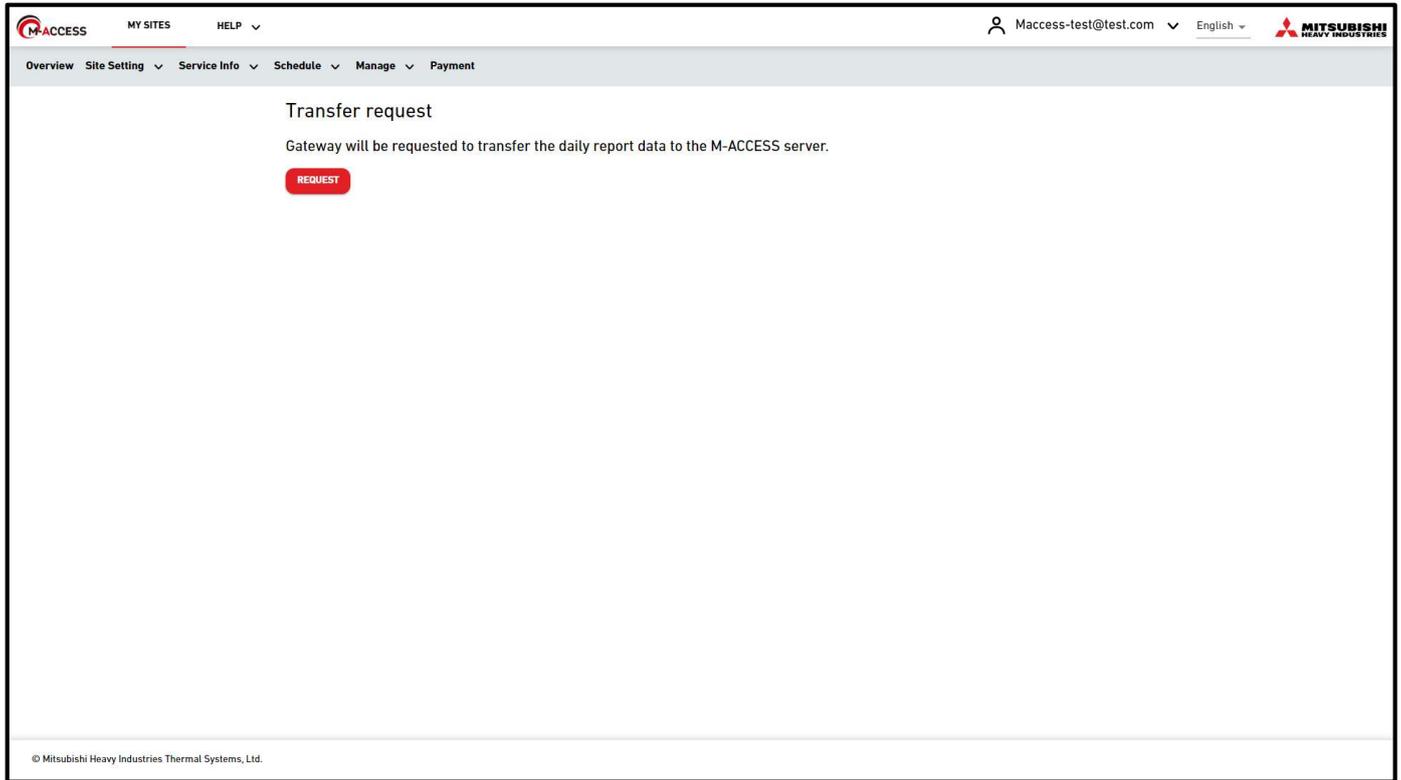
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You can download the daily report data containing detail operational data which is useful for the service or maintenance purpose. When it is required, those data can be provided to the service representative.

For details, contact your service representative.

1.8. Transfer request Screen

This screen is used to request the daily report data transmission to all Q-ton/Hyozan/Hydrolution PRO units in the target site.



If you click [REQUEST], the daily report data from midnight to the present time of the same day is uploaded to the "Other" field on [1.7. Daily report Screen]. Please use this function if you need to obtain data in the middle of the day. Daily report data is automatically uploaded and it will be available on [1.7. Daily report Screen].

1.9. Periodic report Screen

This screen is used to download the periodic reports for Q-ton and Hydrolution PRO, as well as to configure the settings for these reports.

Periodic report

M-ACCESS analyses the daily operation of Q-ton / Hydrolution PRO and provides the summary as a periodic report with some key evaluation notes e.g. power consumption, temperature trend and error history. Unit operation can be reviewed for correct performance. It is also possible to compare the operation with previous records.

Periodic report setting is not established for all the units.
If the periodic report is required, please set "Active" for the report setting.

① REPORT SETTING

②

Monthly report (Hydrolution Pro)			Quarterly report (Q-ton)		
0 selected (total 0KB)			0 selected (total 0KB)		
<input type="checkbox"/>	File name	Size(KB)	↓	Time stamp	↓
Rows per page: 25 ↓ 0-0 of 0 < >			Rows per page: 25 ↓ 0-0 of 0 < >		

③ DOWNLOAD
Total size : 0KB (Max size: 500MB)

M-ACCESS analyses the daily operation of Q-ton / Hydrolution PRO and provides the summary as a periodic report with some key evaluation notes e.g. power consumption, temperature trend and error history. Periodic report will be issued every 3 months for Q-ton, and every month for Hydrolution PRO.

* Please note that the report settings are required to receive periodic report.

- To configure the report settings, click [REPORT SETTING] in ①.
- The periodic reports will be displayed in the list of ②. Tick the checkbox of the report you would like to download.
- Click [DOWNLOAD] in ③, you can download the reports.

1.9. Periodic report Screen

Report setting screen (for Q-ton)

ACCESS MY SITES HELP Maccess-test@test.com English MITSUBISHI HEAVY INDUSTRIES

Overview Site Setting Service Info Schedule Manage Payment

Report setting

* is Required fields.

① Unit type*
Q-ton

Unit Name*
Q-ton_01(Master)

② Report generation*

General settings

③ Report issue month*
Mar. Jun. Sep. Dec.

Model Name*
ESA30E-25

Voltage
200 V

Serial number
12345

Installation date*
12/23/2024

Electricity settings

Currency*
€

Electricity tariff

You can register up to six electricity tariffs, such as day or night tariffs, or any other options.

④

Price A	Name* PriceA	Rate* 0.5	€/kWh
Price B	Name PriceB	Rate 0.4	€/kWh
Price C	Name PriceC	Rate 0.3	€/kWh
Price D	Name PriceD	Rate	€/kWh
Price E	Name PriceE	Rate	€/kWh
Price F	Name PriceF	Rate	€/kWh

Tariff schedule

You can select which electricity tariff to use for power consumption calculations for each hour of the day, every month. If you have multiple electricity tariffs, please click on electricity tariff button below, then click and drag in the schedule table to apply this tariff setting.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Jan.	Price A																							
Feb.	Price A																							
Mar.	Price A																							
Apr.	Price A																							
May.	Price A																							
Jun.	Price A																							
Jul.	Price A																							
Aug.	Price A																							
Sep.	Price A																							
Oct.	Price A																							
Nov.	Price A																							
Dec.	Price A																							

Price A Price B Price C Price D Price E Price F

CO2 emission factor*
0.251 kg*CO2/kWh

Alternative fuel settings

⑤

Alternative fuel 1*	Rate	Unit*	System efficiency*	CO2 emission factor
Electric heater		€/ kWh	80 %	kg*CO2/kWh
Alternative fuel 2*	Rate*	Unit*	System efficiency*	CO2 emission factor*
Kerosene	122	€/ L	80 %	2.49 kg*CO2/L

BACK APPLY ⑥

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1.9. Periodic report Screen

Please complete the following steps below to configure the periodic report setting:

- Select the target unit of report setting in ①.
 - [Unit type] (Q-ton / Hydrolution PRO)
 - [Unit name]
- Set active to receive periodic report and inactive to stop receiving periodic report in ② [Report generation]
- Complete the unit information in ③.
 - [Report issue month]
 - [Model name] (*Read only)
 - [Voltage] (*Read only)
 - [Serial number]
 - [Installation date]
- Configure the electricity Bill in ④.
 - [Currency]
 - [Electricity tariff]
 - Set the electricity rates to be used in [Tariff schedule].
 - [Tariff schedule]
 - Set the hourly electricity rate schedule.
 - Click on the desired time slot after clicking on the price button below the table.
 - [CO2 emission factor]
- Set the alternative fuel in ⑤ to be used as a comparison reference on the report.
- Click on [APPLY] in ⑥ to apply the settings.

1.9. Periodic report Screen

Report setting screen (for Hydrolution PRO)

Report setting

* is Required fields.

① Unit type*
Hydrolution PRO

Unit Name*
Hydrolution PRO

② Report generation*

③ General settings

Model Name
MCUS5001VHE-W

Voltage
400 V

Serial number
12345

Installation date*
11/04/2024

Refrigerant*
R32

Electric CO2 emission factor

CO2 emission factor*
0.2 kg/CO2/kWh

BACK APPLY ④

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Please complete the following steps below to configure the periodic report setting:

- Select the target unit of report settings in ①.
 - [Unit type] (Q-ton / Hydrolution PRO)
 - [Unit name]
- Set active to receive periodic report and inactive to stop receiving periodic report in ② [Report generation]
- Complete the unit information in ③.
 - [Model name] (*Read only)
 - [Voltage] (*Read only)
 - [Serial number]
 - [Installation date]
 - [Refrigerant] (R410A / R32)
 - [Electric CO2 emission factor]
- Click on [APPLY] in ④ to apply the settings.

1.10. Error history Screen

This screen is used to search for the error / caution code history for all unit on the site.

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The search procedure is as follows:

1. Enter the target period in ①.
The maximum search range is 6 months.
2. Click [SEARCH] in ②.

After you complete the above steps, the search results for error / caution code history for each unit is displayed in ③. The latest 100 items are displayed.

You can select the following items to be shown from the top left corner of the table [COLUMNS].

- [Date & Time]
- [Unit Category]
- [Gateway]
- [Floor]
- [Group]
- [Unit Name]
- [Status Code]
- [SL Address]
- [RT Address]
- [IU Address]

1.11. Operation data history Screen

This screen is used to download the operation data history for all unit on the site.

Operation data history

The operation data can be downloaded as a CSV file. The data available for download covers a period of less than a year.

① Target period: Start Date: 27 / 07 / 2024 to End date: 27 / 08 / 2024

② Target unit: Unit: Air conditioner, Filter: Indoor unit, Group: HR Dept.

③

Gateway name	Address	Unit Name
<input checked="" type="radio"/> GW001:AC units	0	FDW28KXZE6F
<input type="radio"/> GW001:AC units	1	FDK22KXZE1
<input type="radio"/> GW001:AC units	2	FDTC22KXZE1
<input type="radio"/> GW001:AC units	3	FDTC22KXZE1

④ REQUEST

⑤

Unit category	Gateway Name	Unit Name	Period	Status
Air Conditioner	601B	FDW28KXZE6F	27/07/2024-27/08/2024	Completed
Air Conditioner	601B	FDK22KXZE1	26/08/2024-27/08/2024	Completed
Air Conditioner	601B	FDTC22KXZE1	25/07/2024-27/08/2024	Processing(about 5 minutes left)

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The search procedure is as follows:

1. Enter the target period in ①.
The maximum search range is 1 year.
2. Select the category of the target unit in ②.
 - [Unit] (Air conditioner / Q-ton / Hyozan / Hydrolution PRO)
 - [Filter] (For Hyozan)
 - [Group] (For Air conditioner)
3. Select the target unit in ③.
4. Click [REQUEST] in ④. Each request will be shown in “File list” at the bottom of this page.

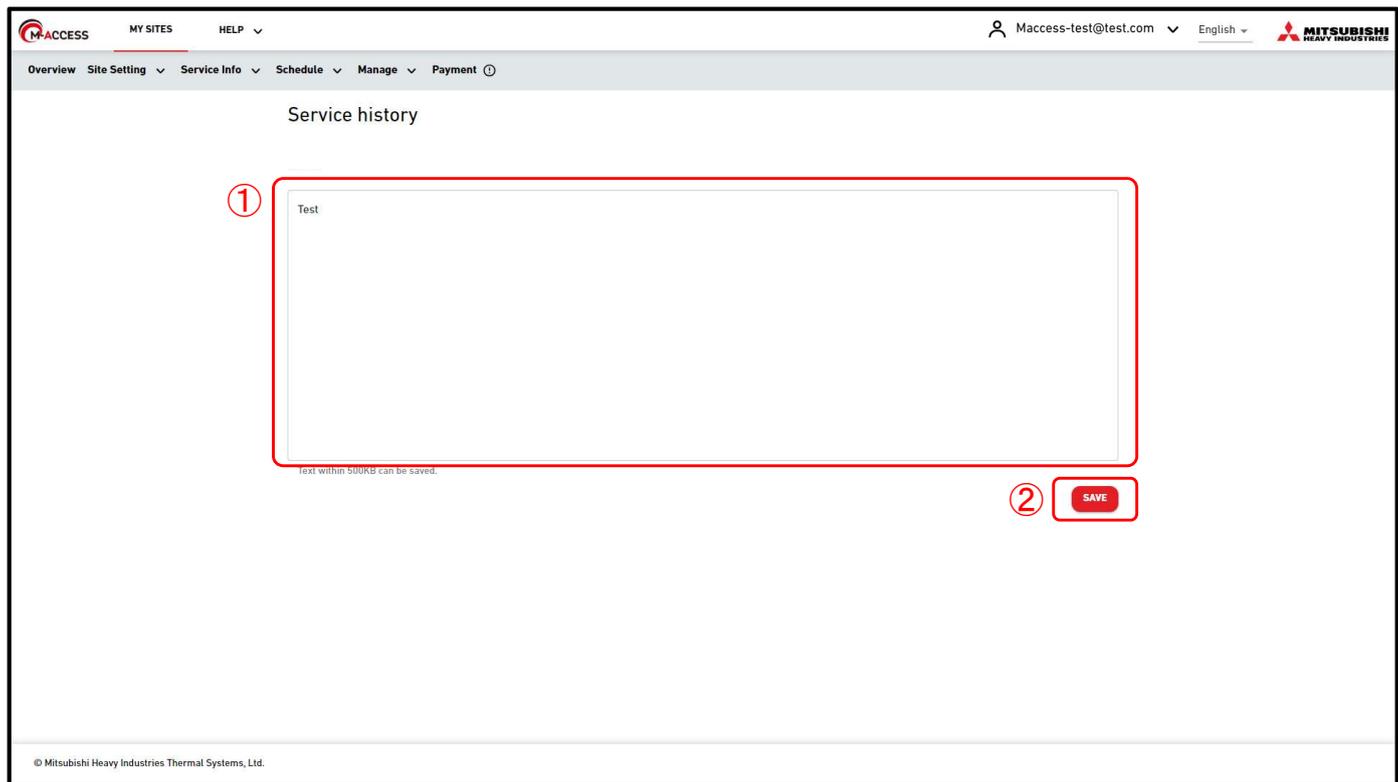
After sending above request, operational data is going to be prepared in our server which will take some moments. When it is completed, you can download it by clicking on [DOWNLOAD] in ⑤. Clicking on [CANCEL] will abort the process.

Note

- Download data request is limited as a maximum of 10 requests per user.
- Download data will be automatically removed after 24 hours from its generation.

1.12 Service history Screen

This screen is used to save the service history as text.



- You can write down any inspection records or service history as text in ①. The text within 500KB can be saved.
- Click [SAVE] in ②, the text can be saved.

1.13. Yearly calendar Screen

This screen is used to configure the yearly calendar for use in schedule function. Energy saving control function also refer to this schedule for its control.

Yearly calendar

Standard calendar setting

Specific day setting

Target date	Date type
01/Jan	holiday
1st week Mon. of Jan	special-day-1
2nd week Tue. of Mar	special-day-2
17/Jul	weekday

Yearly calendar

Part of ① shows current yearly calendar settings with the indication of the date type by the background colours.

- Weekday
- Holiday
- Special day 1
- Special day 2

- Click the edit icon in the right top corner will display Calendar setting dialog.

Standard calendar setting

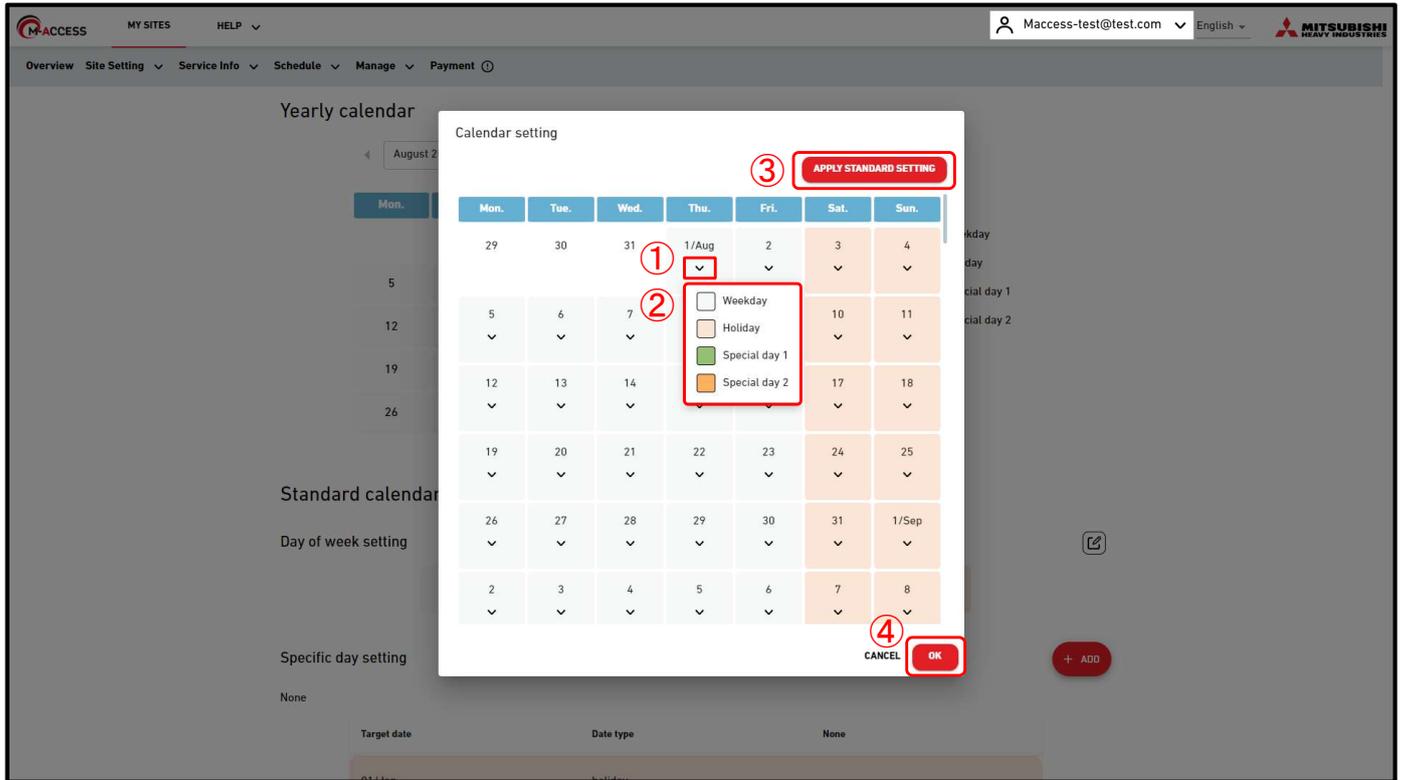
You can set date types for each day based on the day of the week or specific date.

* "Specific day setting" always supersede "Day of week setting".

- Part of ② shows the current day of the week settings. Click on the edit icon in the right top corner will display the setting dialog.
- Part of ③ shows the current specific day settings. Click [ADD] to display the setting dialog.
- You can edit or delete the registered specific day setting from the icons shown when clicking on or hovering over that setting item.

1.13. Yearly calendar Screen

Calendar setting dialog



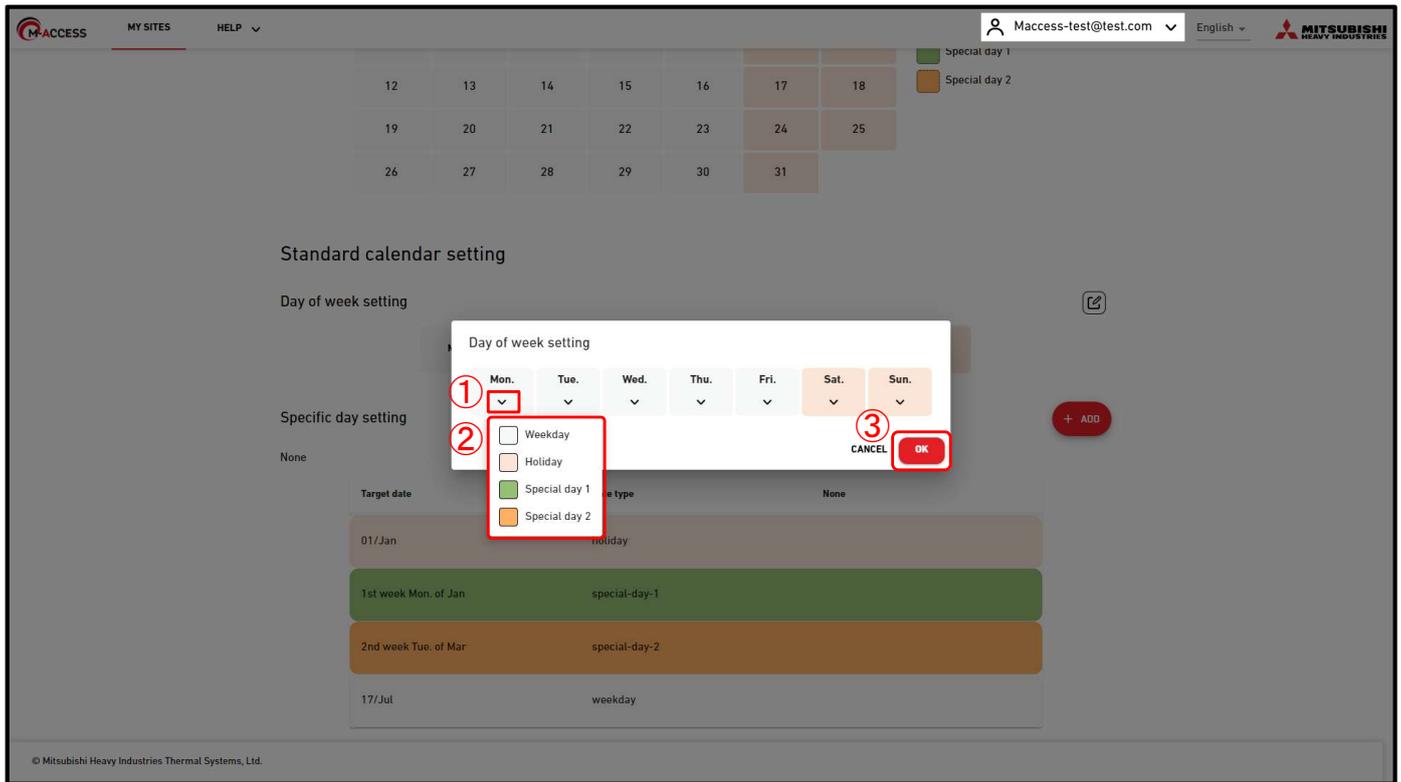
You can set the calendar up to one year from the current month. When the month changes, the new month calendar will be generated according to the standard settings.

Please follow the steps below to configure the setting:

1. Click on the chevron down icon of the date in ① and select the date type in ②.
2. Clicking on [APPLY STANDARD SETTING] in ③ will apply the standard settings (Day of week setting / Specific day setting) to yearly calendar setting.
3. Click on [OK] in ④ to apply the settings.

1.13. Yearly calendar Screen

Day of week setting dialog



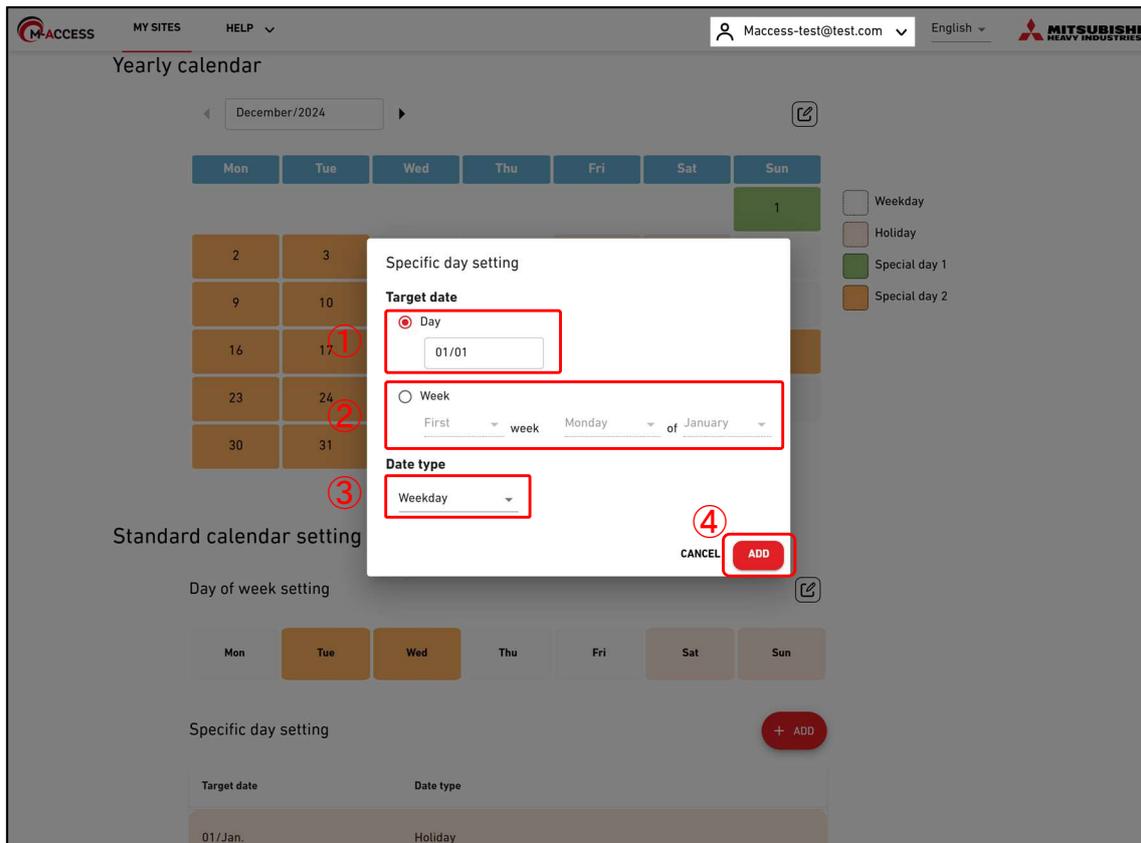
You can set the date types for each day of the week.
After setting, please apply them from the “Calendar Setting dialog”.

Please follow the steps below to configure the setting:

1. Click on the chevron down icon of the date in ① and select the date type in ②.
2. Click on [OK] in ③ to apply the settings.

1.13. Yearly calendar Screen

Specific day setting dialog



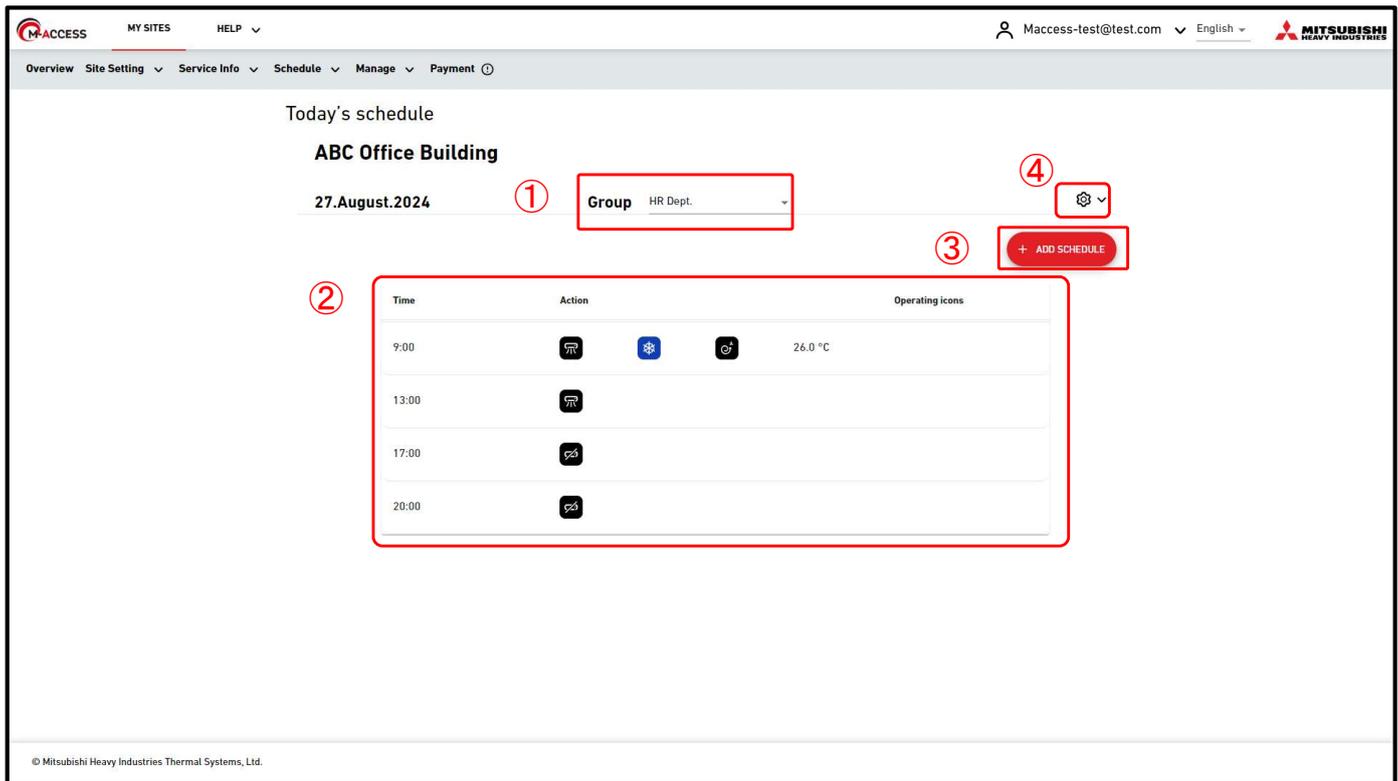
You can configure the specific day setting to determine the date type.
After setting, please apply them from the “Calendar Setting dialog”.

Please follow the steps below to configure the setting:

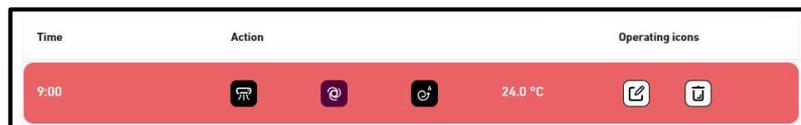
1. Choose the date by designating the date in ① or configuring specific rules in ②.
2. Select the date type in ③.
3. Click on [ADD] in ④ to add the settings.

1.14. Today's schedule Screen

This screen is used to view and set the today's schedules for each group. At the set time, the operation command is sent to the air conditioners in the target group. Today's schedule is created based on the setting configured in [Schedule Template].



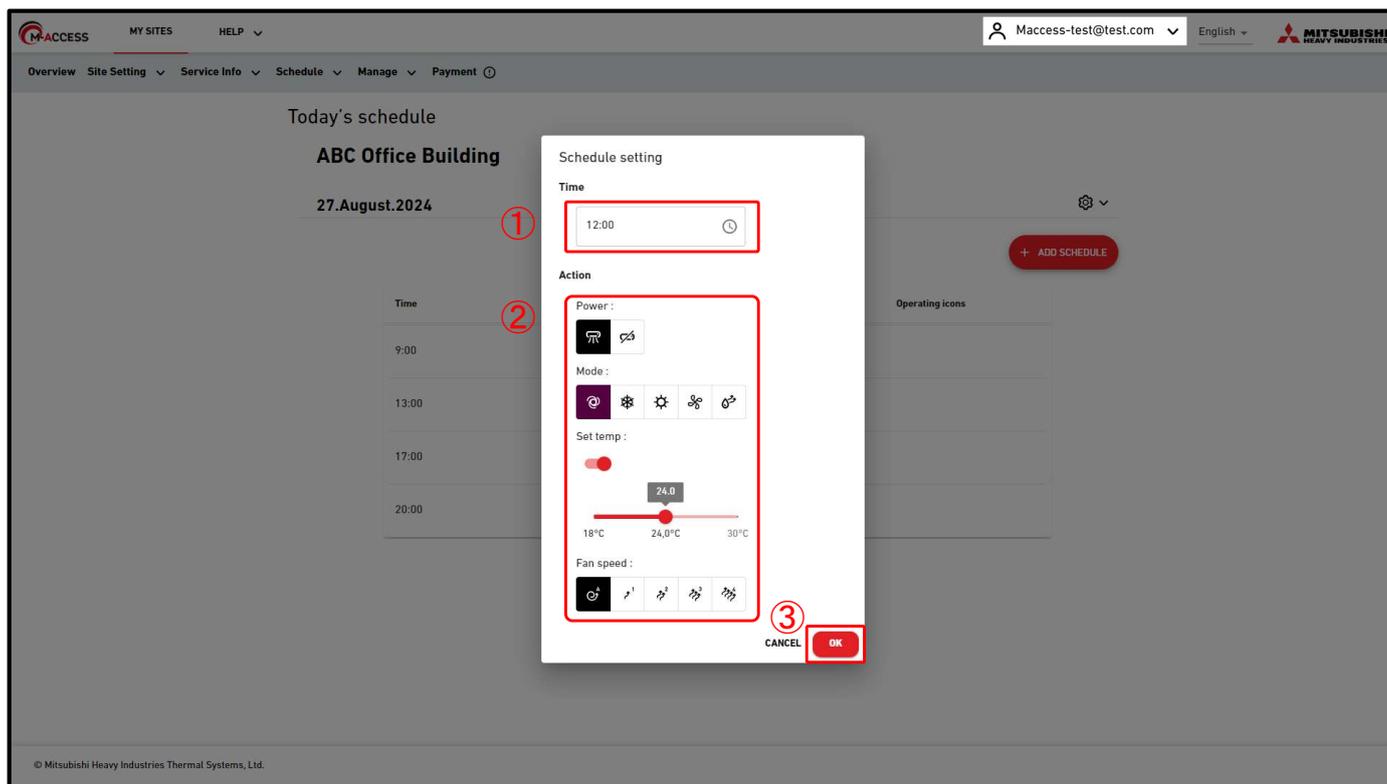
- Select the target group in ① then the current schedules settings are displayed in ②. The [Action] column shows the following settings.
 - Power (ON / OFF)
 - Mode (Auto / Cooling / Heating / Fan / Dry)
 - Fan speed (Auto / Low / Medium / High / Powerful)
 - Set temp
- You can edit or delete the registered schedule setting from the icons shown when clicking on or hovering over that setting item.



- Clicking [ADD SCHEDULE] will display the schedule setting dialog in ③.
- If you click the gear icon in ④, the following buttons are displayed:
 - [Import template]
You can import the templates that have been set in [Schedule template].
 - [Copy to]
You can copy the schedule settings of the displayed group to another group.

1.14. Today's schedule Screen

Schedule setting dialog



You can set the [Time] and [Action] for the schedule setting.

Please follow the steps below to configure the setting:

1. Set the [Time] in ①.

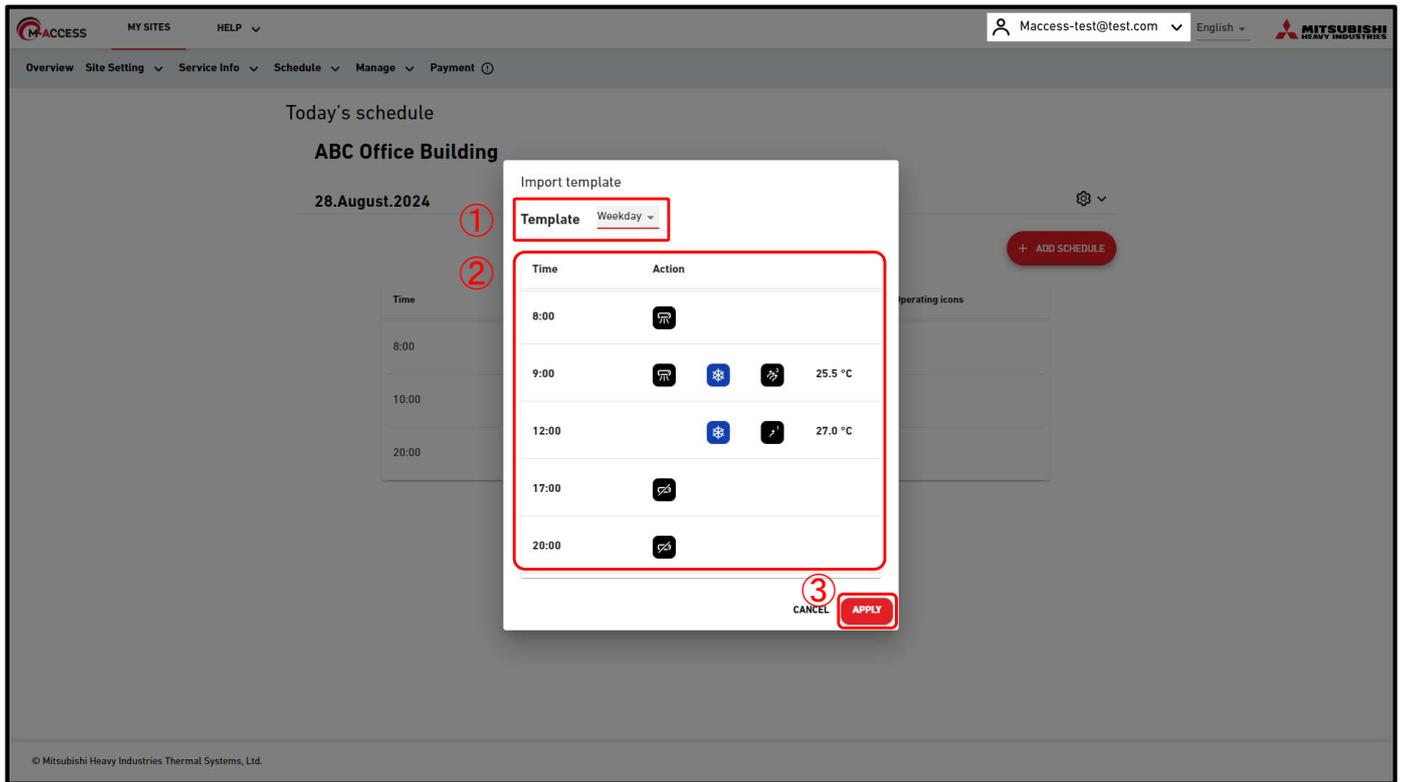
Note

You cannot schedule multiple events at the same time.

2. Click on the icon or toggle switch to set the operation commands in ②. Among the following items, only the configured items will be sent to the target units:
 - Power (ON / OFF)
 - Mode (Auto / Cooling / Heating / Fan / Dry)
 - Set temp (18 to 30°C (Heating mode : 16 to 30°C))
 - Fan speed (Auto / Low / Medium / High / Powerful)
3. Click on [OK] in ③ to add the settings.

1.14. Today's schedule Screen

Import template dialog

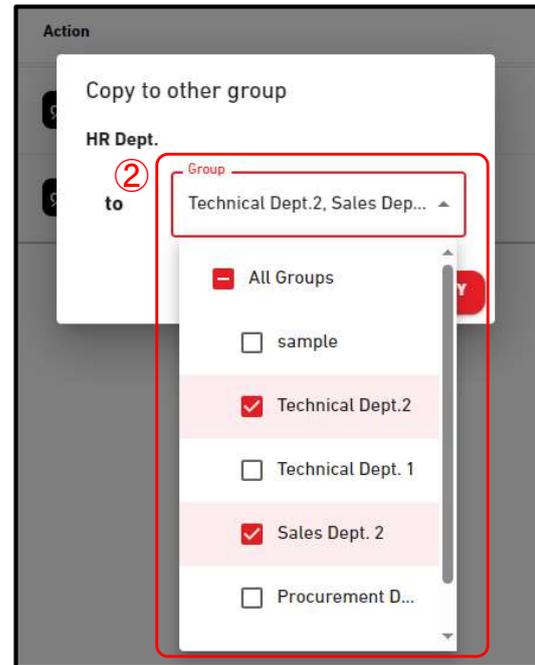
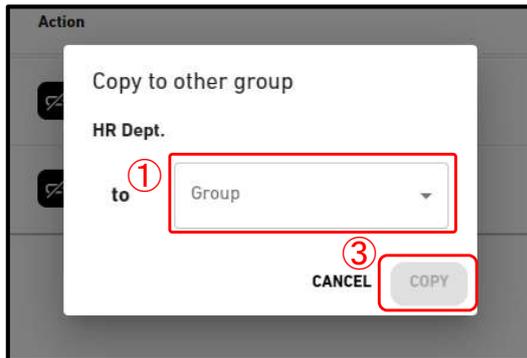


Please follow the steps below to configure the setting:

1. Select the [Template] in ①.
Selected template schedule setting will overwrite the current setting.
2. Check the schedule setting in ②.
3. Click on [APPLY] in ③ to overwrite the settings.

1.14. Today's schedule Screen

Copy to other group dialog

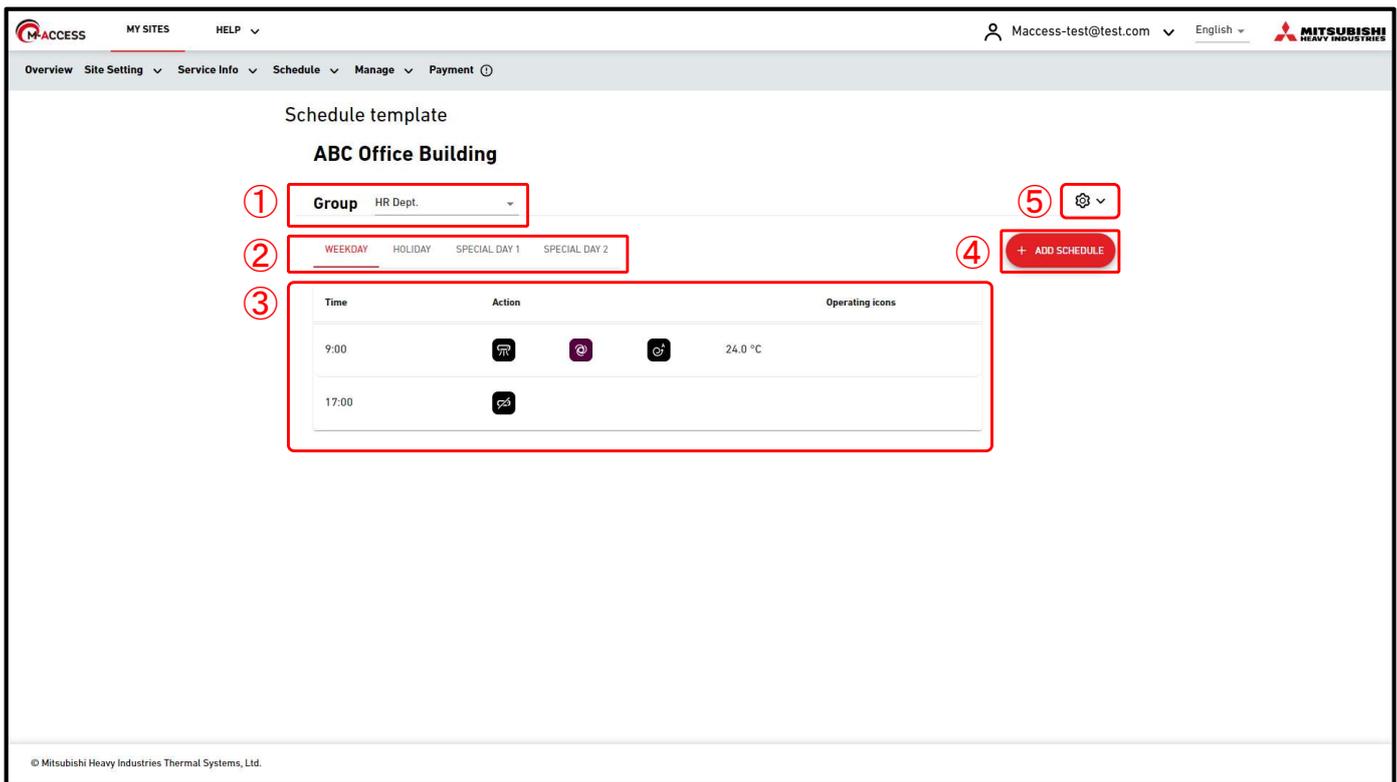


Please follow the steps below to copy the setting:

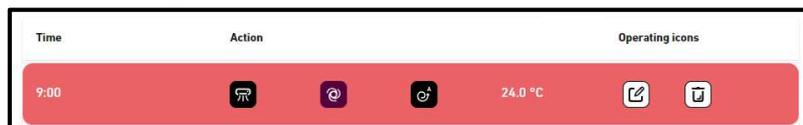
1. Select the [Group] to which the settings will be copied in ①. When you click on the “Group” field, a dropdown menu will appear showing the groups registered on the site in ②. Please select the group you want to copy to.
2. Click on [COPY] in ③ to copy the settings.

1.15. Schedule template Screen

This screen is used to view and set the schedule template for each group. The schedule template can be set for each date type.



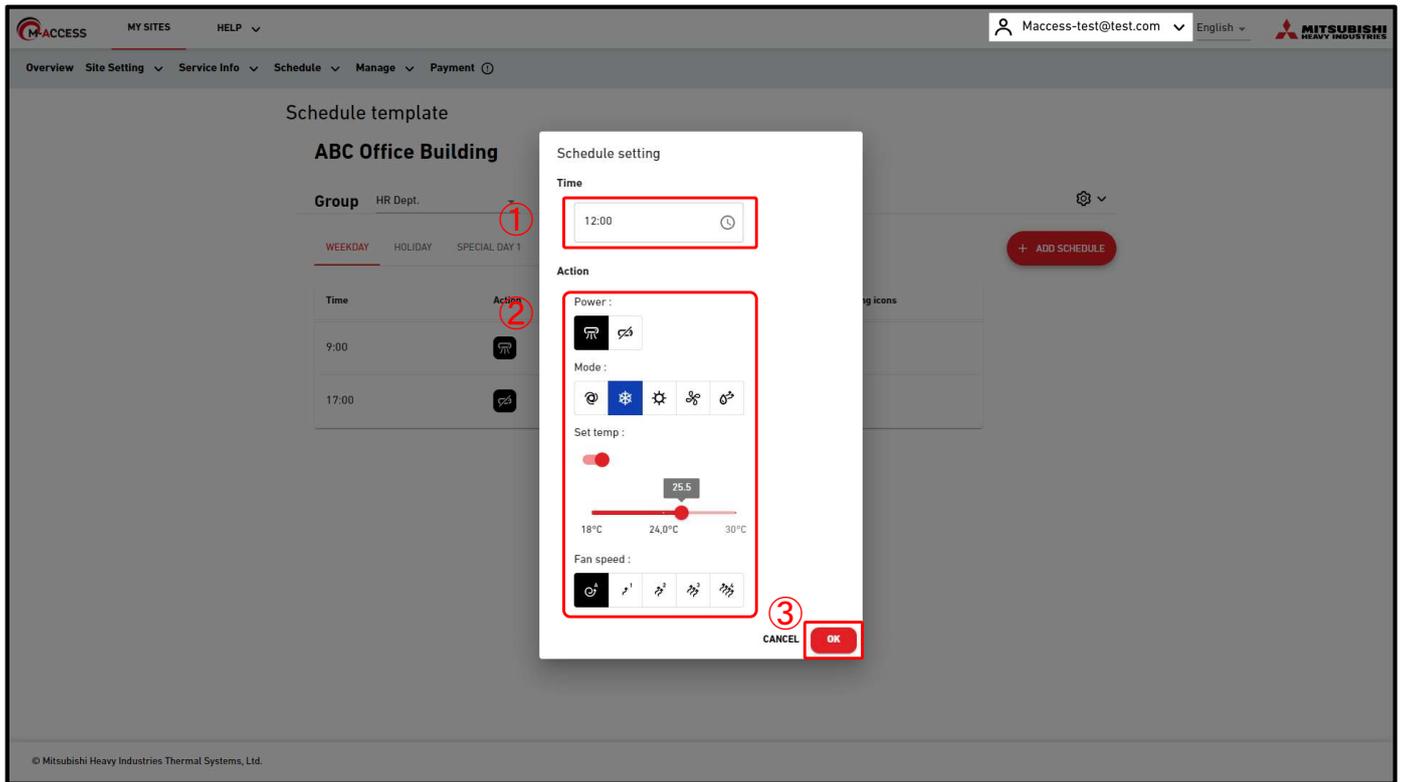
- Select the target group to see and set the schedule template in ①.
- Select the date type in ② then the current template settings will be displayed in ③.
The [Action] column shows the following settings.
 - Power (ON / OFF)
 - Mode (Auto / Cooling / Heating / Fan / Dry)
 - Fan speed (Auto / Low / Medium / High / Powerful)
 - Set temp
- You can edit or delete the registered schedule setting from the icons shown when clicking on or hovering over that setting item.



- Clicking [ADD SCHEDULE] will display the schedule setting dialog in ④.
- If you click the gear icon in ⑤, the following buttons are displayed:
 - [Copy to (other group)]
You can copy the schedule settings of the displayed group to other groups.
 - [Copy to (template)]
You can copy the schedule settings of the displayed date type to other date types.
 - [Upload file]
You can set the schedule template by uploading a setting CSV file(schedule file).
 - [Download file]
You can download the current schedule template settings as a CSV file(schedule file).

1.15. Schedule template Screen

Schedule setting dialog



You can set the [Time] and [Action] for the schedule.

Please follow the steps below to configure the setting:

1. Set the [Time] in ①.

Note

You cannot schedule multiple events at the same time.

2. Click on the icon or toggle switch to set the operation commands in ②. Among the following items, only the configured items will be sent to the target units :
 - Power (ON / OFF)
 - Mode (Auto / Cooling / Heating / Fan / Dry)
 - Set temp (18 to 30°C (Heating mode : 16 to 30°C))
 - Fan speed (Auto / Low / Medium / High / Powerful)
3. Click on [OK] in ③ to add the settings.

1.15. Schedule template Screen

Copy to other group (for schedule template)

Copy to other group

HR Dept.

Weekday

Holiday

Special day 1

Special day 2

to Group

CANCEL COPY

Copy to other group

HR Dept.

Weekday

Holiday

Special day 1

Special day 2

to Group

Group

Technical Dept.2, Sales Dep...

All Groups

sample

Technical Dept.2

Technical Dept. 1

Sales Dept. 2

Procurement D...

CANCEL COPY

Please follow the steps below to copy the setting:

1. Select the date type in ① for the template you would like to copy.
You can copy multiple date types simultaneously.
2. Select the [Group] to which the settings will be copied in ②. When clicking on the “Group” field, a dropdown menu will appear showing the groups registered on the site in ③. Please select the group you would like to copy to.
3. Click on [COPY] in ④ to copy the settings.

1.15. Schedule template Screen

Copy to other template

Copy to other template

HR Dept.

Template

① Holiday

②

Weekday

Holiday

to

Special day 1

Special day 2

③

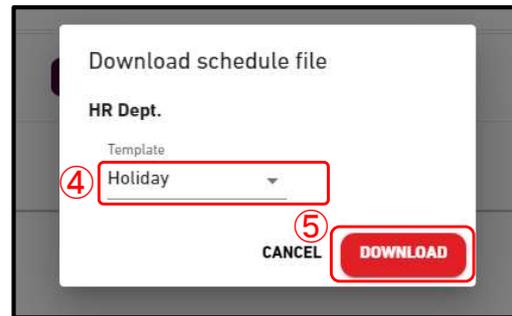
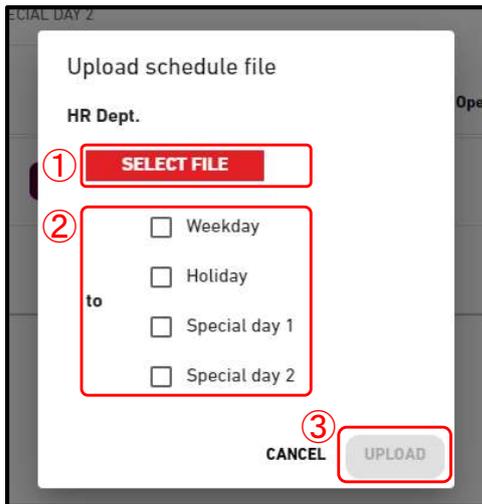
CANCEL COPY

Please follow the steps below to copy the setting:

1. Select the date type for template you would like to copy in ①.
2. Select the date type to which the settings will be copied in ②. You can select multiple date types.
3. Click on [COPY] in ③ to copy the settings.

1.15. Schedule template Screen

Upload schedule file dialog, Download schedule file dialog



Upload schedule file dialog

Please follow the steps below to set the schedule template by uploading a schedule file.

1. Click on [SELECT FILE] and choose the schedule file.
Please refer to the Appendix 2 for instructions on how to edit the file.
2. Select the date type which you want to set in ②. You can select multiple date types to be set.
3. Click on [UPLOAD] in ③ to set the schedule by the file.

Download schedule file dialog

By downloading the configuration file, you can save the configuration content locally or upload an edited configuration file to apply the settings.

Please follow the steps below to download a current schedule file.

1. Select the date type which you want to download in ④.
2. Click on [DOWNLOAD] in ⑤ to set the schedule by the file.

1.16. Energy saving control Screen

This screen is used to view the energy saving control settings.

M-ACCESS MY SITES HELP

Maccess-test@test.com English MITSUBISHI HEAVY INDUSTRIES

Overview Site Setting Service Info Schedule Manage Payment

Energy saving control

This function automatically controls air conditioners to save energy based on the user's building profiles and power consumption target. Operation is automatically adjusted while maintaining comfort and taking into account weather conditions and past operations learnt by M-ACCESS's AI program.

* Only specific models support this function. Please refer to the User's Manual to check the compatibility.

ABC Building

Energy saving control setting

Control status	Active
Annual power consumption target	100.000kWh
Target for this month	8.333kWh

© Mitsubishi Heavy Industries Thermal Systems, Ltd.

Energy saving control function automatically controls air conditioners to save energy based on the user's building profiles and power consumption target. Operation is automatically adjusted while maintaining comfort and taking into account weather conditions and past operations learnt by M-ACCESS's AI program.

Models support this function

- KXZ3 series

- Display the current energy saving control settings in ①.
 - Control status (Active / Inactive)
 - Annual power consumption target
 - Target for this month
- If you click the gear icon in ②, the following buttons are displayed:
 - [Edit]You can configure the settings for energy saving control.

1.16. Energy saving control Screen

This screen is used to configure the energy saving control settings.

Energy saving control setting

To enable energy saving control, set "Active" and complete the 5 following steps.
Energy saving control will not start until 4 weeks of operation results are observed.

① Inactive Active Start Date : 4/12/2024

1. Annual power consumption target

② 100000 kWh

- If you want to change the annual power consumption target after this control has started :

1. Set "Inactive" and press "APPLY" button.
2. Set "Active" with new target value and press "APPLY" button.

Otherwise, new target value will not be taken into account.

- The annual power consumption target is only applicable to target air conditioners set in step 5.

2. Season settings and monthly target

Please set the monthly target power consumption by using slide bar below.
Annual power consumption target (set in step 1) will be distributed for each month. Air conditioners will be controlled based on each month's target value.

1. Determine the cooling (blue) / heating (orange) season.
2. Press "CALCULATE MONTHLY TARGET" button to calculate default monthly target.
3. Adjust monthly target manually (Optional)

③

④

3. Correction coefficient by date type

In order to estimate power consumption for each day, please enter correction coefficient for each date type.
Weekday power consumption is considered as reference (100%). Please use calendar setting to specify the date type of each day.

⑤

Weekday	Holiday	Special day 1	Special day 2
100 %	25 %	25 %	25 %

4. Temperature difference to suspend control

Energy saving control will be suspended for the units where the difference between room and setting temperature is more than the criteria below.
Please consider the balance between comfort and energy saving target.

Cooling : Room Temperature - Set Temperature
Heating : Set Temperature - Room Temperature

⑥ 1 °C 2 °C 3 °C 4 °C 5 °C 6 °C 7 °C 8 °C 9 °C 10 °C

5. Target air conditioners

Select the target air conditioners to be controlled.

- Please make sure the selected units are connected to the outdoor unit supporting energy saving control function. Please refer to the User's Manual for the compatibility.

⑦

- All
- GW001.AC units
- FDC155KXZEN1_#0
- FDC400KXZE2_#2
- FDC540KXZE2_#1

⑧ CANCEL APPLY

1.16. Energy saving control Screen

To enable energy saving control, set "Active" and complete the following steps.
Energy saving control will not start until 4 weeks of operation results are observed.

Please follow the steps below to configure the setting:

1. Set "Active" by toggle button in ①.
 - [Start Date] [Start Date] shows the expected date when the actual control can be initiated after collecting the operation data of your building for certain period. Once it has started, [Start Date] will display the date when control was initiated.
2. Set the annual power consumption target in ②.
 - The annual power consumption target is only applicable to target air conditioners set in ⑦.
 - If you want to change the annual power consumption target after this control has started:
 1. Set "Inactive" and press "APPLY" button.
 2. Set "Active" with new target value and press "APPLY" button.Otherwise, new target value will not be taken into account.
3. Determine the season setting in ③.

Determine the cooling (blue) / heating (orange) season by slide bar.
When you click on the icon, it will switch between the seasons (cooling/heating) within the range defined by the slide bar.
4. Set the monthly target in ④.

Please set the monthly target power consumption by using slide bar below.
Annual power consumption target (set in ①) will be distributed for each month. Air conditioners will be controlled based on each month's target value.

 1. Press "CALCULATE MONTHLY TARGET" button to calculate default monthly target.
 2. Adjust monthly target manually. (Optional)
5. Set the correction coefficient by date type in ⑤.

In order to estimate power consumption for each day, please enter correction coefficient for each date type. Weekday power consumption is considered as reference (100%).
Please use "calendar setting" to specify the date type of each day.
6. Set the temperature difference to suspend control in ⑥.

Energy saving control will be suspended for the units where the difference between room and setting temperature is more than the criteria.
Please consider the balance between comfort and energy saving target.

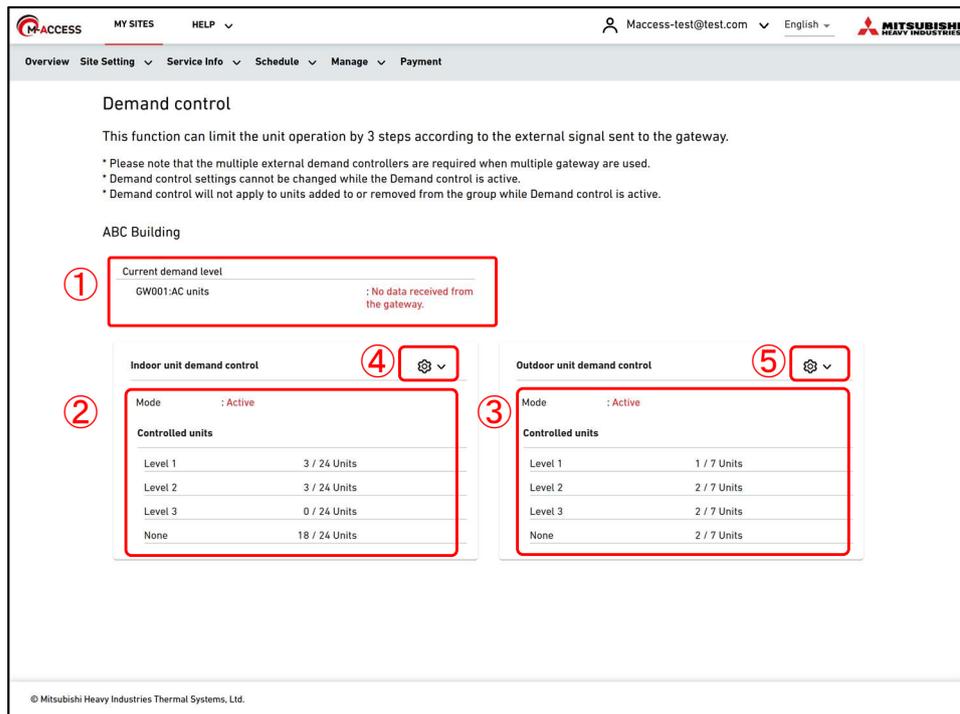
Cooling : Room Temperature - Set Temperature
Heating : Set Temperature - Room Temperature
7. Select the target air conditioners to be controlled in ⑦.

Please make sure the selected units are connected to the outdoor unit supporting energy saving control function.

Note
Outdoor units with a voltage setting value of "0V" cannot be controlled. Please make sure the correct voltage value is set.
8. Click on [APPLY] in ⑧ to apply the settings.

1.17. Demand control Screen

This screen is used to view the demand control settings.



The demand control function is a feature that controls the operation of air conditioning units based on external input signals from a demand controller connected to the gateway. The demand control level is determined based on the combination of external input terminals (DI4/DI5) as shown in the table below.

		DI5	
		OFF	ON
DI4	OFF	None	Level 2
	ON	Level 1	Level 3

- Display the current demand level of each gateway in ①.
Please note that the multiple external demand controllers are required when multiple gateway are used.
- Display the current settings of the indoor unit and outdoor unit in numbers ② and ③.
 - Mode (Active / Inactive)
 - Controlled units
- If you click the gear icon in ④ and ⑤, the following buttons are displayed:
 - [Edit]
 - You can configure the settings for demand control.
 - Please note that the demand control settings cannot be changed while the demand control is in active.

1.17. Demand control Screen

Indoor unit demand control setting dialog

Indoor unit demand control

1. Set "Active" to enable the demand control.

① Mode: Inactive

2. Make sure the control that will be applied to the target unit.

Level 1: Adjust temperature by °C ②

Level 2: Change the operation mode to "Fan mode"

Level 3: Power off the unit

3. Set the demand control level of each unit.

The following units are to be controlled in accordance with the demand control signal received.

③

Unit Name	Demand control level			
All	LEVEL 1	LEVEL 2	LEVEL 3	NONE
Floor 2 /Sales Dept. 1				
FDT28KXZE1	LEVEL 1	LEVEL 2	LEVEL 3	NONE
FDT28KXZE1	LEVEL 1	LEVEL 2	LEVEL 3	NONE

CANCEL SAVE ④

The indoor unit demand control performs the following control according to the demand level. Note that the following control parameter cannot be changed from the remote controller after the indoor unit demand control started.

- Level 1 : Adjust temperature
- Level 2 : Change the operation mode to "Fan mode"
- Level 3 : Power off the unit

Please follow the steps below to configure the setting:

1. Set "Active" by toggle button in ①.
2. Set the temperature to be shifted in ②.
3. Select the target air conditioners to be controlled in ③.
 - The target units for each demand level are as follows:
 - Level 1 : Only the units set "level 1"
 - Level 2 : Units set "level 1" and "2"
 - Level 3 : Units set "level 1", "2", "3"
 - Units set "None" are not controlled.
 - The specified interface unit (Interface type : "Other") can only be set to Level 3.
4. Click on [SAVE] in ④ to apply the settings.

1.17. Demand control Screen

Outdoor unit demand control setting dialog

Outdoor unit demand control

* Only specific models support this function. Please refer to the User's Manual to check the compatibility.

1. Set "Active" to enable the demand control.

① Mode: Active

2. Make sure the control that will be applied to the target unit.

② Level 1: Unit operation is restricted to 80 % of its rated capacity.
Level 2: Unit operation is restricted to 60 % of its rated capacity.
Level 3: Unit operation is restricted to 40 % of its rated capacity.

3. Set the demand control level of each unit.

The following units are to be controlled in accordance with the demand control signal received.

③

Unit Name	Demand control level			
All	LEVEL 1	LEVEL 2	LEVEL 3	NONE
GW001:AC units				
FDC155KXZEN1_#0	LEVEL 1	LEVEL 2	LEVEL 3	NONE
FDC560KXZE2_#1	LEVEL 1	LEVEL 2	LEVEL 3	NONE
FDC400KXZE2_#2	LEVEL 1	LEVEL 2	LEVEL 3	NONE
OU 00	LEVEL 1	LEVEL 2	LEVEL 3	NONE
OU 01	LEVEL 1	LEVEL 2	LEVEL 3	NONE

CANCEL **SAVE** ④

The outdoor unit demand control performs the following control according to the demand level. In the outdoor demand control, unit operation is restricted to certain percentage(user definition) of its rated capacity.

Models support this function

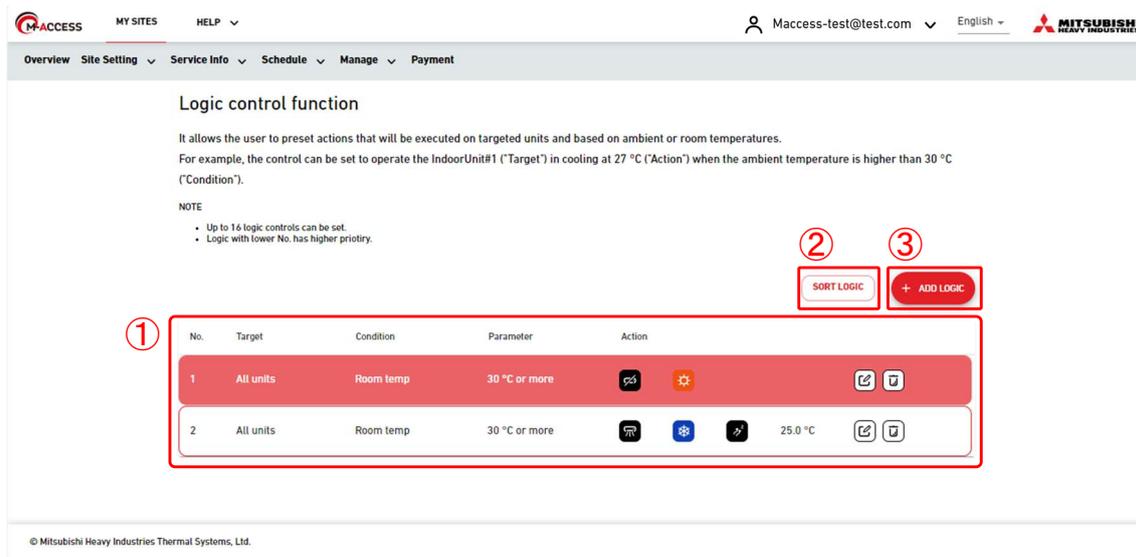
- KXZ3 series

Please follow the steps below to configure the setting:

1. Set "Active" by toggle button in ①.
2. Set the restriction percentage in ②.
Restriction percentage value should be set as Level 1 > Level 2 > Level 3.
3. Select the target air conditioners to be controlled in ③.
 - The target units for each demand level are as follows:
 - Level 1 : Only the units set "level 1"
 - Level 2 : Units set "level 1" and "2"
 - Level 3 : Units set "level 1", "2", "3"
 - Units set "None" are not controlled.
4. Click on [SAVE] in ④ to apply the settings.

1.18. Logic control function Screen

This screen is used to view and set the logic control function settings.



Logic control function allows the user to preset actions that will be executed on targeted units and based on ambient or room temperatures.

For example, the control can be set to operate the IndoorUnit#1 ("Target") in cooling at 27 degree ("Action") when the ambient temperature is higher than 30 degree ("Condition").

- Display the logic in ①.
 - No. : Logic with lower No. has higher priority. When the same unit is controlled, the logic with the highest priority is given priority.
Ex) In the case of No. 1 "Power off" No. 2 "Power on, Cooling", the unit is controlled as "Power off, Cooling."
 - Target : All units / Floor / Group / Unit
 - Condition : Room temp / Outdoor temp
 - Parameter : Temperature condition (X°C or more / X°C or less)
 - Action : The following two Actions can be selected.
(Unit operations / Email notification to the administrator user)
- Clicking [SORT LOGIC] will display the sort logic dialog in ②.
- Clicking [ADD LOGIC] will display the logic setting dialog in ③.

1.18. Logic control function Screen

Sort logic dialog

①

No.	Target	Condition	Parameter	Action
1	All	Room temp	30°C or more	📧 admin
2	FDW28KXZE6F	Room temp	30°C or more	🏠 🔄
3	All	Room temp	10°C or less	🏠 ☀️ 🔄 16.0 °C
4	Procurement Dept.	Outdoor temp	0°C or less	🏠 ☀️ 🔄 16.0 °C
5	All	Room temp	30°C or more	🏠 ❄️ 🔄 26.0 °C
6	Technical Dept.2	Outdoor temp	33°C or more	🏠 ❄️ 28.0 °C

② CANCEL OK

- You can change the priority of registered logic by dragging in ①.
- Click on [OK] in ② to apply the settings.

1.18. Logic control function Screen

Logic setting dialog

Logic setting

① Template
None

② Target
All units

③ Condition
Room temp
30
-20°C 15°C 50°C
or more
or more
or less

④ Action
Control
Power :
Mode :
Fan speed :
Set temp :
16°C 20.5 24.0°C 30°C

⑤ CANCEL OK

You can use template logic setting from the drop down list in ①.

- Warm up control (Automatically start operation when the room temperature drops.)
Condition : Room temp
Parameter : 5°C or less
Action : Control (Power On, Heating, 16°C, Auto)
- Cool down control (Automatically start operation when the room temperature rises.)
Condition : Room temp
Parameter : 30°C or more
Action : Control (Power On, Cooling, 26°C, Auto)
- High temperature alert (Send a e-mail notification when the room temperature rises.)
Condition : Room temp
Parameter : 30°C or more
Action : Notification

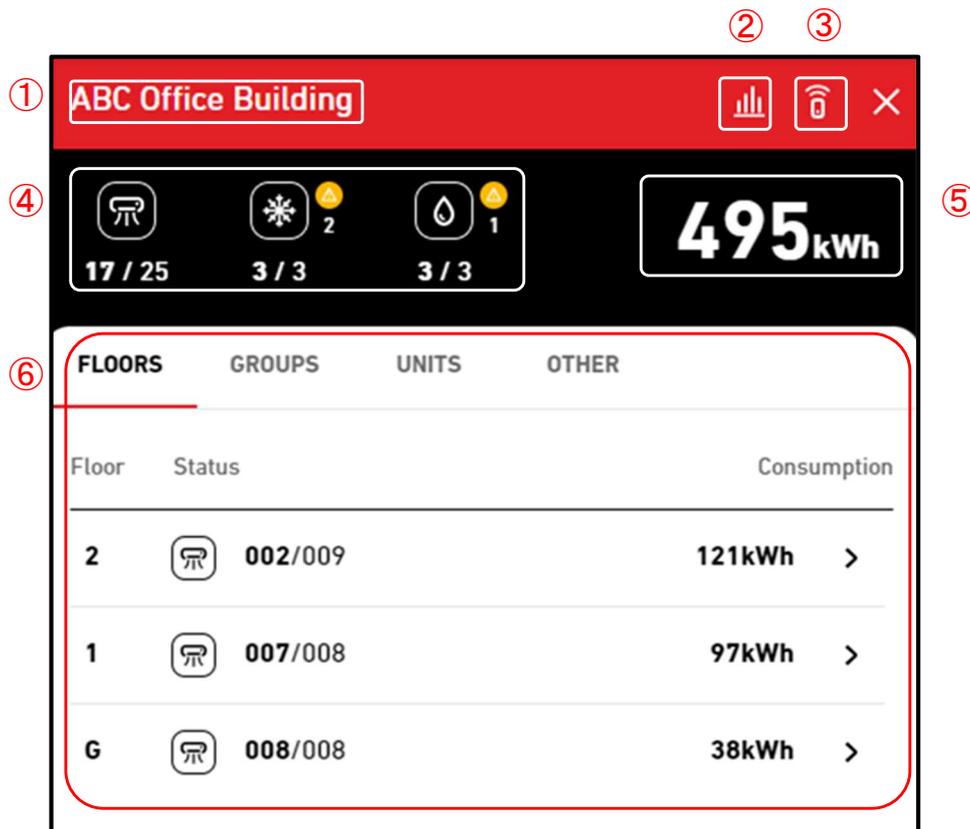
1.18. Logic control function Screen

Please follow the steps below to configure the setting:

1. Set the target unit in ②.
2. Set the condition in ③.
Select the either of "room temperature" or "outside temperature" as a parameter, and set the temperature conditions.
3. Set the action in ④.
Select the action "Control" or "Notification".
When you select "Control", click on the icon or toggle switch to set the operation commands. Among the following items, only the configured items will be sent as operation commands:
 - Power (ON / OFF)
 - Mode (Auto / Cooling / Heating / Fan / Dry)
 - Set temp (18 to 30°C (Heating mode : 16 to 30°C))
 - Fan speed (Auto / Low / Medium / High / Powerful)
4. Click on [OK] in ⑤ to apply the settings.

1.19. Operation Screen

This screen is used to view graphs and operate units.

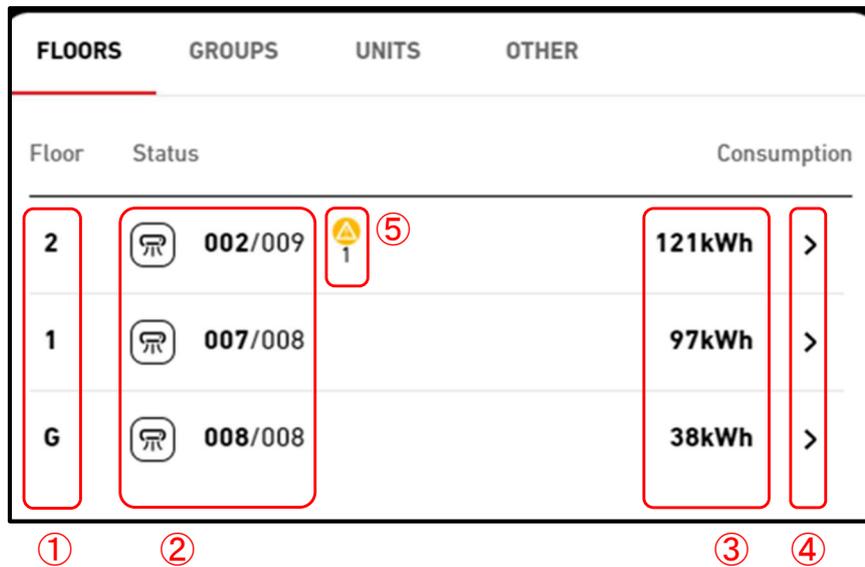


This screen displays the following items:

- ① Site name
- ② Graph icon
Click this icon to display [1.24. Power Consumption Graph] of the entire site.
- ③ Remote control icon
Click this icon to display [1.26. Remote Control], which you can use to collectively operate the entire site.
- ④ Number of units in operation for each type of units that belong to the site
The icons represent the “Air conditioner”, “Hyozan and Hydrolution PRO”, and “Q-ton” in order from the left.
The numbers under each icon indicate (number of units in operation) / (number of registered units).
If an error occurs, the error icon and the number of units with error are displayed as shown in ④.
- ⑤ Power consumption of the entire site
This indicates the amount of power consumed in the entire site from midnight to the present time of the same day.
- ⑥ List display field
Refer to the following sections:
 - [1.20. Floor List Display]
 - [1.21. Group List Display]
 - [1.22. Unit List Display]
 - [1.23. Q-ton/Hyozan/Hydrolution PRO List Display]

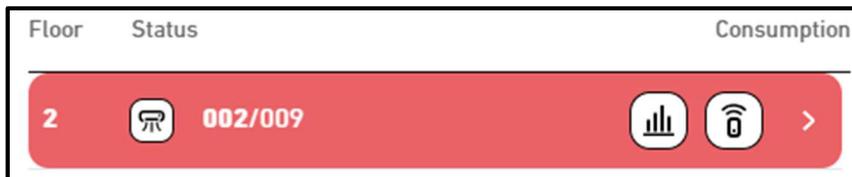
1.20. Floor List Display

This display is used to view information by floor and to operate units. To display this list, click the [FLOORS] tab at the top.



Floor	Status	Consumption
2	002/009	121kWh
1	007/008	97kWh
G	008/008	38kWh

- This screen displays the following items related to the floor:
 - ① Level
 - ② Number of units in operation among the air conditioners on each floor.
The numbers indicate (number of units in operation) / (number of registered units).
 - ③ Power consumption of the entire floor
This indicates the amount of power consumed on the entire floor from midnight to the present time of the same day.
- The following icons will be displayed when you click on or hover over the rows.



[Bar graph icon]

Click this icon to display [1.24. Power Consumption Graph] of the entire floor.



[Remote control icon]

Click this icon to display [1.26. Remote Control], which you can use to collectively operate the entire floor.

- If you click the right arrow icon in ④, the screen transitions to [1.21. Group List Display]. At this time, only the groups with the filtering condition that belong to the floor you clicked are extracted and displayed.
- If an error occurs, the error icon and the number of units exhibiting abnormalities are displayed as shown in ⑤. The error details can be viewed on [1.26. Remote Control].

1.21. Group List Display

This display is used to view information by group and to operate units. To display this list, click the [GROUPS] tab at the top.

FLOORS	GROUPS	UNITS	OTHER
Floor & Group			
Floor 2			Consumption
① Sales Dept. 1	② 001/004	⑤ 1	③ 16kWh ④ >
Sales Dept. 2	001/004		123kWh >
sample	000/001		0kWh >
Floor 1			
Technical Dept. 1	003/004		48kWh >
Technical Dept.2	004/004		64kWh >

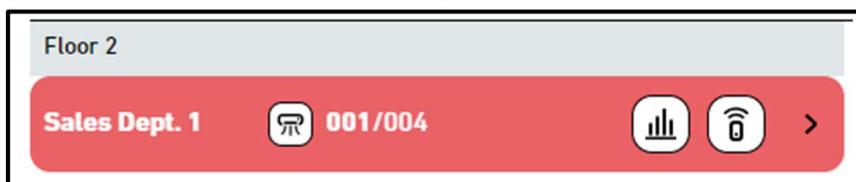
*Applied filter

FLOORS	GROUPS	UNITS	OTHER
Floor & Group			
Floor 1 ⑥			Consumption
Floor 1			
Technical Dept. 1	003/004		48kWh >
Technical Dept.2	004/004		64kWh >

- The following items related to a group are displayed separately for each floor:
 - ① Group name
 - ② Number of units in operation among the air conditioners that belong to the group.
The numbers indicate (number of units in operation) / (number of registered units).
 - ③ Power consumption of the entire group
This indicates the amount of power consumed in the entire group from midnight to the present time of the same day.

1.21. Group List Display

- The following icons will be displayed when you click on or hover over the rows.



[Bar graph icon]

Click this icon to display [1.24. Power Consumption Graph] of the entire group.



[Remote control icon]

Click this icon to display [1.26. Remote Control], which you can use to collectively operate the entire group.

- If you click the right arrow icon in ④, the screen transitions to [1.22. Unit List Display]. At this time, only the units with the filtering condition that belong to the group you clicked are extracted and displayed. At the same time, [1.27. Group Layout Screen] of the group is displayed on the left side of this display.
- If an error occurs, the error icon and the number of units exhibiting abnormalities are displayed as shown in ⑤. The error details can be viewed on [1.26. Remote Control].
- When filtering is performed in [1.20. Floor List Display], only the applicable groups with the filtering condition of ⑥ are extracted and displayed. Click "x" to cancel filtering.

1.22. Unit List Display

This display is used to view information by unit and to operate units. To display this list, click the [UNITS] tab at the top.

Group & Unit	Status	Consumption
2, Sales Dept. 1	(2) (3)	(4)
FDT28KXZE1	(1) [Icon] [Icon] [Icon] (5)	0kWh
FDT28KXZE1	[Icon] [Icon]	0kWh
FDT36KXZE1	[Icon] [Icon]	5kWh
FDT15KXZE1	[Icon] [Icon]	0kWh
2, Sales Dept. 2		
FDE56KXZE1	[Icon] [Icon]	0kWh

*Applied filter

Group & Unit	Status	Consumption
Floor 2, Sales Dept. 2 (6)		
2, Sales Dept. 2		
FDE56KXZE1	[Icon] [Icon]	0kWh
FDK28KXZE1	[Icon] [Icon]	40kWh
FDT45KXZE1	[Icon] [Icon]	0kWh
FDT56KXZE1	[Icon] [Icon]	0kWh

1.22. Unit List Display

- The following items related to a unit are displayed separately for each floor and group:
 - Unit name
 - Run/Stop state
 - This state is indicated by the following two types of icons:
 - *The state icon utilizes the "Unit type" icons set in the [Unit setting screen] and [Interface setting screen].

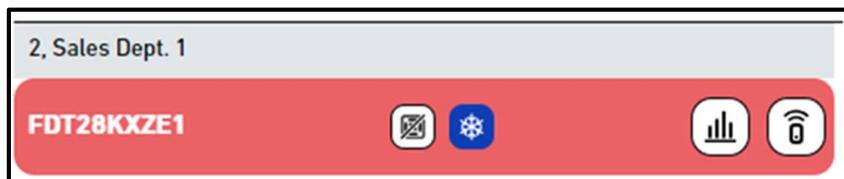
On	Off

- Operation mode
 - This mode is indicated by the following five types of icons:

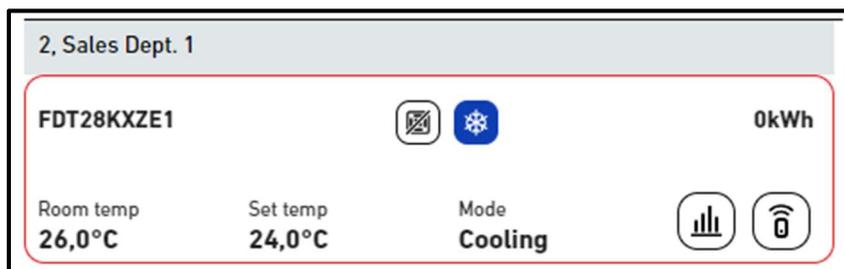
Auto	Cooling	Heating	Fan	Dry

- Power consumption
 - This indicates the amount of power consumed in the unit from midnight to the present time of the same day.

- The following icons will be displayed when you click on or hover over the rows. If clicked, in addition to the icon, detailed information about the unit's status will be displayed.
 - Hover over



- Click



[Bar graph icon]

Click this icon to display [1.24. Power Consumption Graph] of the unit.



[Remote control icon]

Click this icon to display [1.26. Remote Control] you can perform the operation for each unit.

1.22. Unit List Display

- If you click any unit, [1.27. Group Layout Screen] of the group assigned to the unit is displayed on the left side of this display.
- If an error occurs, the error icon is displayed as shown in ⑤. The error details can be viewed on [1.26. Remote Control].
- When filtering is performed in [1.21. Group List Display], only the applicable units with the filtering conditions of ⑥ are extracted and displayed. Click "x" to cancel filtering.

1.23. Q-ton/Hyozan/Hydrolution PRO List Display

This display is used to view Q-ton/Hyozan/Hydrolution PRO information. To display this list, click the [OTHER] tab at the top.

FLOORS	GROUPS	UNITS	OTHER
Unit	Status		Consumption
Hydrolution PRO			
① Chiller31	② ❄️	⚠️ ④	③ 65kWh
Hyozan ⑤			
Hyozan16	❄️	⚠️ HP: 1,2Mpa LP: 2,3Mpa ⑥	76kWh
Security-Test-H...	❄️	HP: 1,2Mpa LP: 2,3Mpa	0kWh
Group Hyozan 1			
indoorUnit01	❄️	-13,5°C -5,0°C	-8,5°C ⑦ ⑧
indoorUnit02	❄️	-8,5°C -5,0°C	-3,5°C
indoorUnit03	❄️	-8,5°C -5,0°C	-3,5°C
Q-ton			
Q-ton00	💧	⚠️	44kWh
Q-ton01	💧		70kWh
Q-ton15	💧		

1.23. Q-ton/Hyozan/Hydrolution PRO List Display

*Applied filter

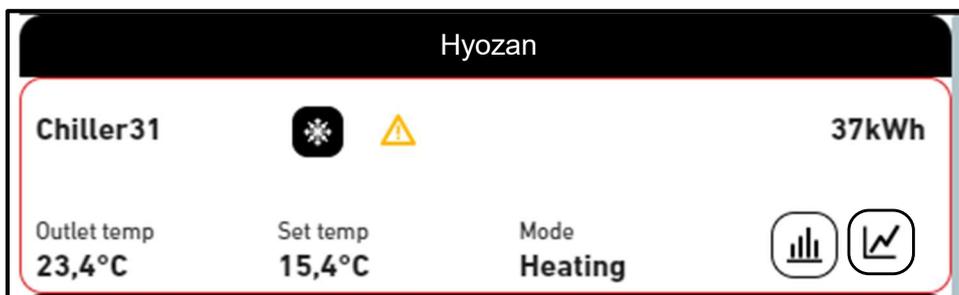
⑨

FLOORS	GROUPS	UNITS	OTHER
Hyozan X			
Unit	Status		Consumption
Hyozan			
Hyozan16	❄️ ⚠️	HP: 1,2Mpa LP: 2,3Mpa	43kWh
Security-Test-H...	❄️	HP: 1,2Mpa LP: 2,3Mpa	0kWh
Group Hyozan 1			

- The following items related to Q-ton/Hyozan/Hydrolution PRO are displayed separately for each unit type:
 - ①Name
 - ②State
On or Off.
 - ③Power consumption
This indicates the amount of power consumed in Q-ton/Hyozan/Hydrolution PRO from midnight to the present time of the same day.
- The following icons will be displayed when you click on or hover over the rows. If clicked, in addition to the icon, detailed information about the unit's status will be displayed.
 - Hover over



b. Click



[Bar graph icon]

Click this icon to display Q-ton/Hyozan/Hydrolution PRO power consumption graph (*).



[Line graph icon]

Click this icon to display a Q-ton/Hyozan/Hydrolution PRO trend graph (*).

1.23. Q-ton/Hyozan/Hydrolution PRO List Display

- If you click any Q-ton/Hyozan/Hydrolution PRO, operation data (*) is displayed. For details on the data indicated by (*), refer to [1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen].
- If an error occurs, the error icon is displayed as shown in ④. The error details can be viewed on [1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen].
- When you click on the label ⑤ for "Unit type", only the applicable units that meet the filtering condition ⑦ will be extracted and displayed. To cancel the filtering, click on "x".

Only for Hyozan and Q-ton

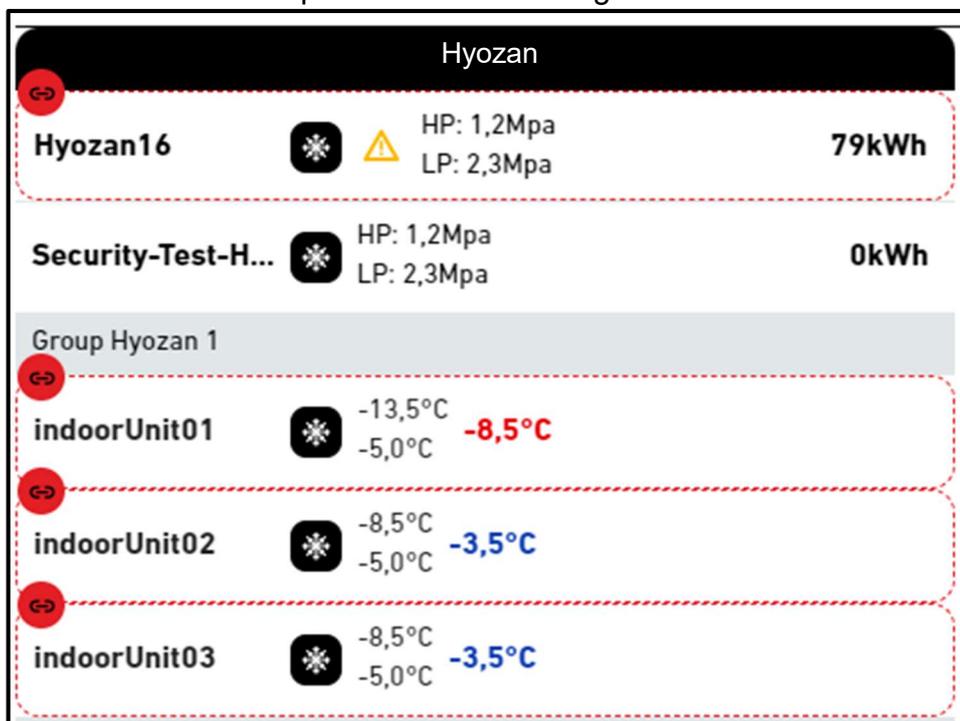
- The link icons will be displayed when you click on or hover over the rows.

Q-ton

It represents the units that are connected to the selected unit in a master-slave configuration.

Hyozan

It represents units that are part of the same refrigerant circuit as the selected unit.



Only for Hyozan

- The Outdoor Unit and Indoor Unit of Hyozan will display the following status values.

Outdoor unit of Hyozan

- ⑥ Compressor high/low pressure

Indoor unit of Hyozan

- ⑦ Indoor temperature/Set temperature

The upper value represents the indoor temperature, while the lower value represents the set temperature.

- ⑧ The temperature difference between the indoor temperature and the set temperature.

The color of the displayed value changes according to the threshold set in the [2.9. Hyozan Indoor Unit Setting Screen] as follows:

- Temperature difference < Warning threshold (low) : Blue
- Warning threshold (low) ≤ Temperature difference ≤ Warning threshold (high) : Green
- Warning threshold (high) < Temperature difference : Orange

When exceeding the Error threshold, it turns red. At this point, a warning for temperature abnormality is triggered.

1.24. Power Consumption Graph

This pop-up displays the power consumption graph. The unit to be displayed varies depending on the location at which you clicked the Bar graph icon.



When you hover over, the values are displayed. You can also drag on the graph to zoom in on the selected area.

This graph has the following items:

① Graph type selection

Click [TREND REPORTING] to move to [1.25. Temperature Graph]. However, you cannot click this when the entire site is displayed.

② Display date

You can configure the date for the graph display.

③ Comparison button

You can compare the graphs. For more details, please refer to [Comparison graph].

④ Graph range

The following settings are available:

[Day]

Displays the data for the past day in one-hour increments.

[Week]

Displays the data for the past seven days in one-day increments.

[Month]

Displays the data for the past month in one-day increments.

[Year]

Displays the data for the past year in one-month increments.

[10 years]

Displays the data for the past 10 years in one-year increments.

1.24. Power Consumption Graph

⑤ Graph mode (Only when the entire site is displayed)

You can change the legend category. (Each operation mode, AC/Other)

⑥ Legend

The following items are available, which can be switched between the show and hide modes by clicking.

[AC Cooling]	Power consumption due to the cooling operation of the air conditioner
[AC Heating]	Power consumption due to the heating operation of the air conditioner
[AC Other mode]	Power consumption due to the fan operation of the air conditioner
[Other Cooling]	Power consumption of Hyozan/Hydrolution PRO(Cooling mode)
[Other Heating]	Power consumption of Q-ton/Hydrolution PRO(Heating mode)

When "AC/Other" is selected in ⑤

[Air conditioner]	Power consumption of air conditioner
[Other equipment]	Power consumption of Q-ton/Hyozan/Hydrolution PRO

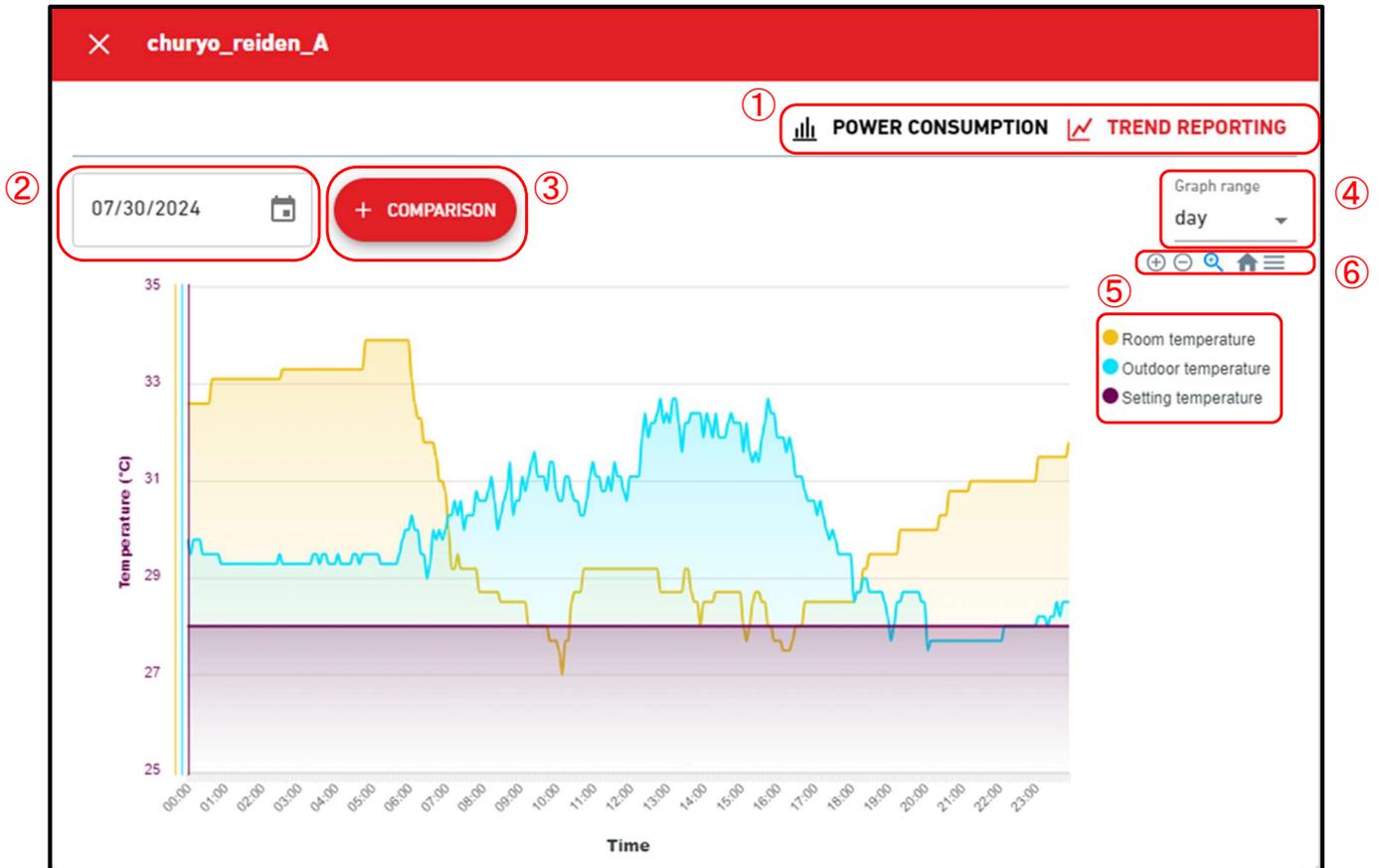
⑦ Graph control buttons

You can zoom in or out on the graph and also download it.

You can save graph images in SVG format and PNG format, and data in CSV format.

1.25. Temperature Graph

This pop-up displays the outdoor temperature, indoor temperature, and preset temperature of the air conditioner in graph format. If you click the line graph icon of the category (floor or group), the data of the indoor unit with the lowest Superlink address in the category is displayed.



When you hover over, the values are displayed. You can also drag on the graph to zoom in on the selected area.

This graph has the following items:

- ① Graph type selection
Click [POWER CONSUMPTION] to move to [1.24. Power Consumption Graph].
- ② Display date
You can configure the date for the graph display.
- ③ Comparison button
You can compare the graphs. For more details, please refer to [Comparison graph].
- ④ Graph range
The following settings are available:
 - [Day]
Displays the data for the past day in 5-minute increments.
 - [Week]
Displays the data for the past seven days in 30-minute increments.

1.25. Temperature Graph

⑤ Legend

The following items are available, which can be switched between the show and hide modes by clicking.

[Room temperature]

Room temperature

[Outdoor temperature]

Outdoor temperature

[Setting temperature]

Preset temperature of air conditioner

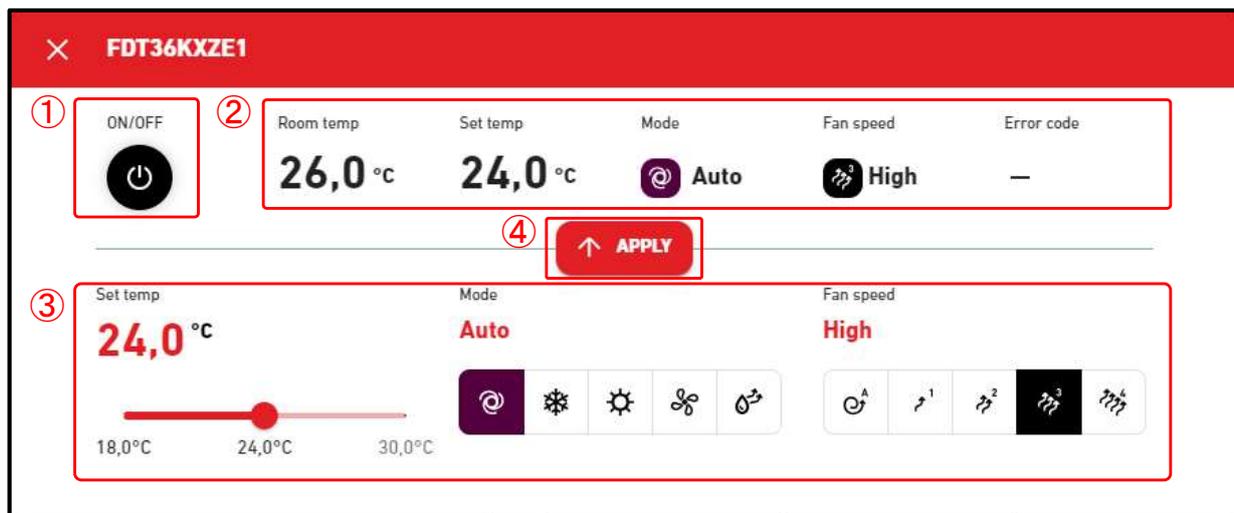
⑥ Graph control buttons

You can zoom in or out on the graph and also download it.

You can save graph images in SVG format and PNG format, and data in CSV format.

1.26. Remote Control

This pop-up is used to operate units.



- The heading at the top shows the remote control icon of the category (site, floor, or group) or the indoor unit you clicked. The display targets and operation targets on the remote control are as follows:

	Display target	Operation target
Category selected	Indoor unit with the lowest Superlink address in the category	All indoor units that belong to the category
Indoor unit selected	Selected indoor unit	Selected indoor unit

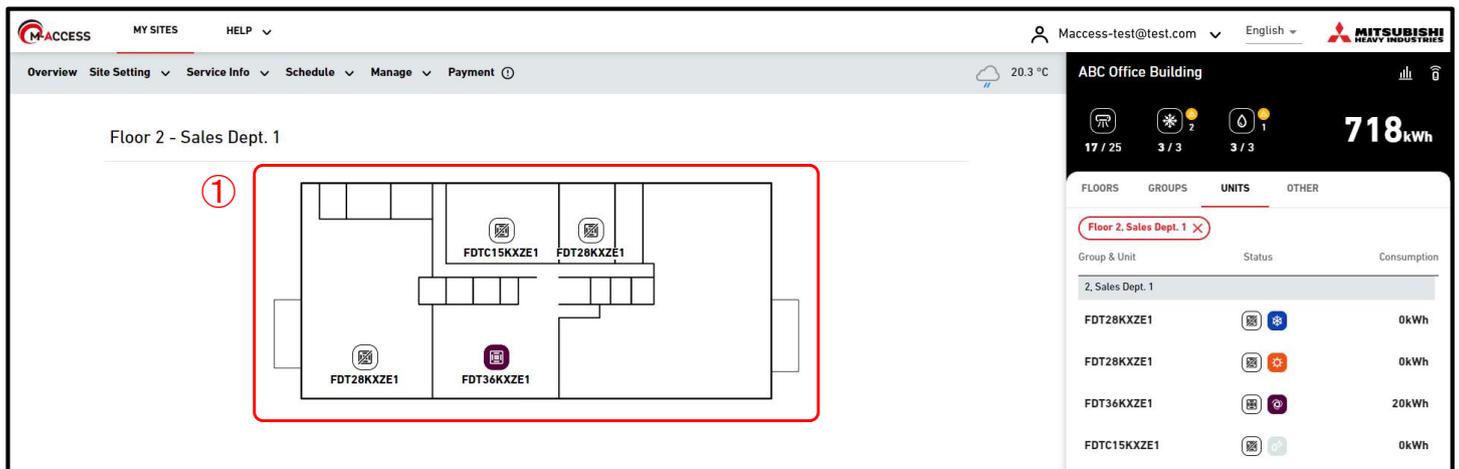
- You can click the [ON/OFF] button in ① to switch Run/Stop of the indoor unit.
- ② displays the operation status of the indoor unit. The items are as follows:
 - [Room temp] Inlet temperature (in 0.1°C increments)
 - [Set temp] Current preset temperature (in 0.5°C increments)
 - [Mode] Current operation mode
 - [Fan speed] Current air volume setting
 - [Error code] Error display (*)
- In the error display indicated by (*), [-] is displayed if no error is detected; otherwise, the error code of E01 to E99 is displayed. If you cannot communicate with the indoor unit or confirm data reception from the gateway within the last three minutes, [Disconnected] is displayed.
- After setting the command value in ③, click [APPLY] in ④; you can remotely control the following items of the indoor unit:
 - [Set temp]
 - Preset temperature within the following range
 - Heating : 16 to 30°C, 0.5°C increments
 - Otherwise : 18 to 30°C, 0.5°C increments
 - [Mode]
 - Operation mode (Auto, Cooling, Heating, Fan, and Dry from left to right)
 - [Fan speed]
 - Air volume setting (Auto, Low, Medium, High, and Powerful from left to right)

Note

After performing an operation on the unit (such as clicking on ① or ④), the operational data will be overwritten and displayed for 2 minutes.

1.27. Group Layout Screen

This screen is used to view the layout of the indoor units belonging to the group.



- ① displays the operation status of the indoor unit. Each icon in the image represents the position and operating status of each indoor unit belonging to the group. The legend is as follows:

*The state icon utilizes the “Unit type” icons set in the [Unit setting screen] and [Interface setting screen].

Off	Auto	Cooling	Heating	Fan	Dry

- If you click an icon in ①, the following icons are displayed in addition to the details of the corresponding unit state on the operation screen on the right:



[Bar graph icon]

Click this icon to display [1.24. Power Consumption Graph] of the unit.

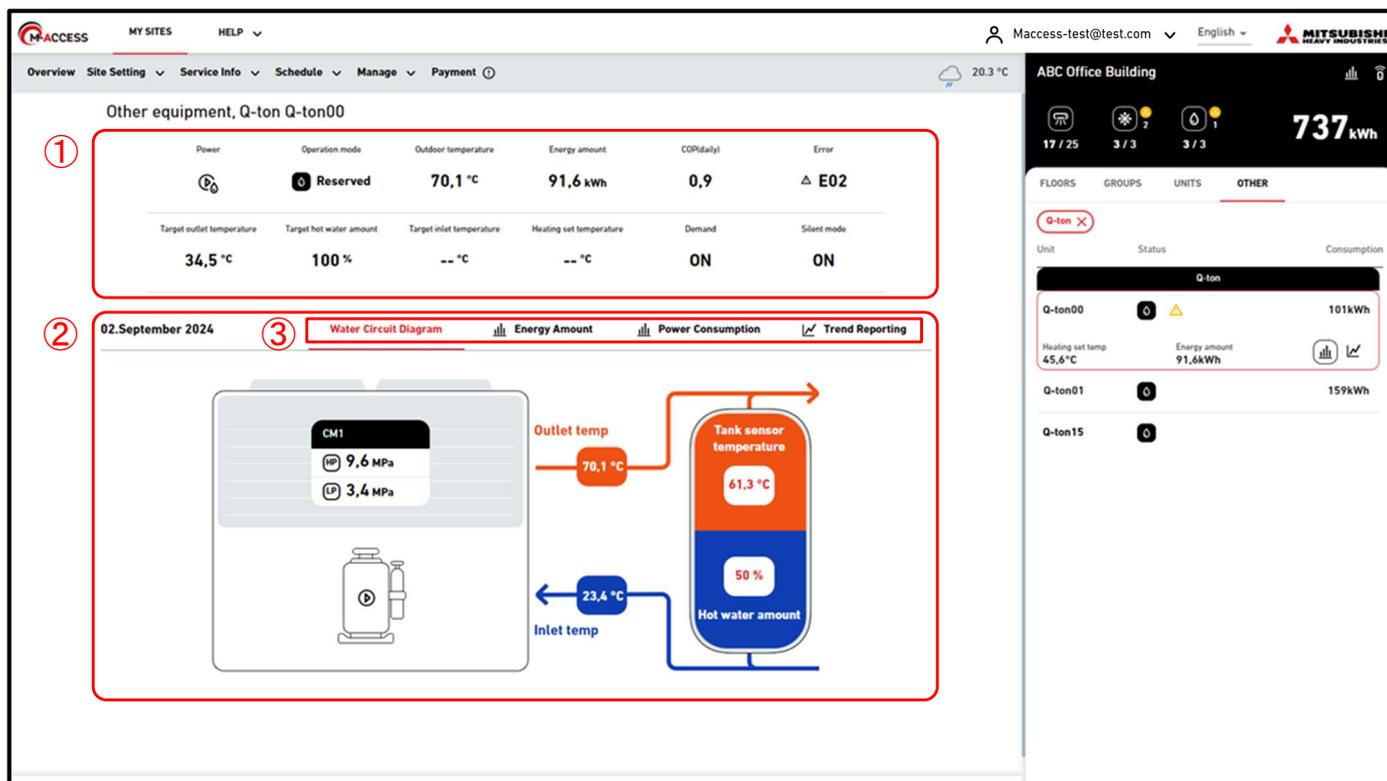


[Remote control icon]

Click this icon to display [1.26. Remote Control] you can perform the operation for each unit.

1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

This screen displays the Q-ton/Hyozan/Hydrolution PRO data.

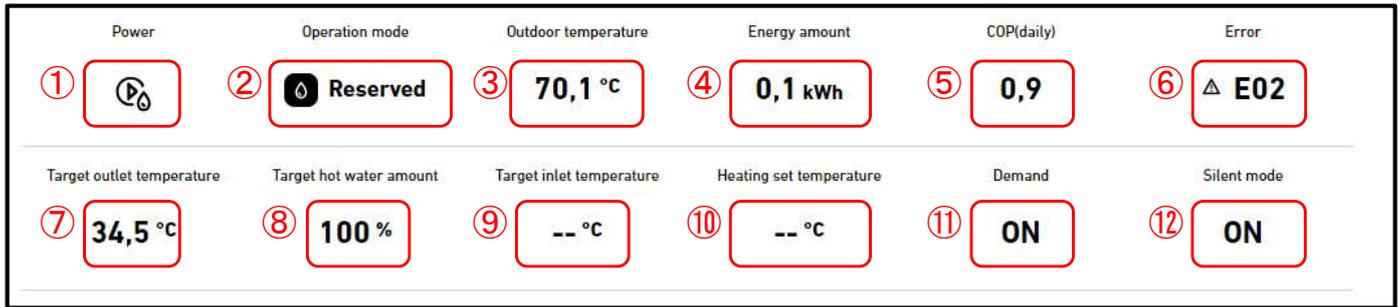


Q-ton/Hyozan/Hydrolution PRO Data Display Screen is divided into two sections.

- ① displays the unit's operation data. It displays the operation data of the unit you selected on the operation screen on the right. For details on the display items, refer to the following pages in this section.
- ② displays water circuit diagram and each graphs. Selecting Tab ③ will switch the displayed content. For details, refer to the following pages in this section.

1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

This screen displays the Q-ton operation data.



This screen displays the following items related to Q-ton:

- ① Power
Indicates the operation status. (On, Off, or Pause)
- ② Operation mode
Indicates the operation mode.
(Top-up, Reserved, Anti-frost, Fill-up, Defrost, Legionella, or Heating)
- ③ Outdoor temperature
Indicates the outdoor temperature.
- ④ Energy amount
Indicates the energy amount generated from midnight to the current time of the same day.
- ⑤ COP(daily)
Indicates the COP from midnight to the current time of the same day.
- ⑥ Error
Indicates an error. If no error is detected, [-] is displayed; otherwise, the error code between E01 and E99 is displayed. If a communication error is detected, [Disconnected] is displayed.
- ⑦ Target Outlet temperature
Indicates the target outlet hot water temperature.
- ⑧ Target hot water amount
Indicates the target amount of stored hot water within the range 0 to 100%.
- ⑨ Target inlet temperature
Indicates the target inlet water temperature. This value is for the Heating mode.
- ⑩ Heating set temperature
Indicates the set temperature for Heating mode. This value is for the Heating mode.
- ⑪ Demand
If Q-ton is in demand control, [ON] is displayed; otherwise, [-] is displayed.
- ⑫ Silent mode
If Q-ton is in Silent mode control, [ON] is displayed; otherwise, [-] is displayed.

1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

This screen displays Hyozan operation data.

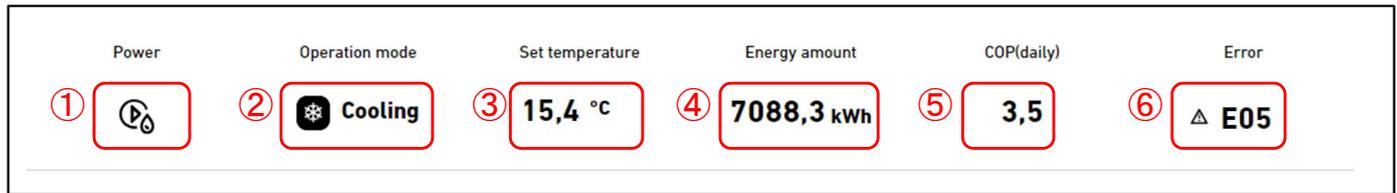


This screen displays the following items related to Hyozan.

- ① Power
Indicates the operation status. (On or Off)
- ② Evaporating temperature
Indicates the evaporation temperature.
- ③ Comp high pressure
Indicates the actual compressor high pressure.
- ④ Comp low pressure
Indicates the actual compressor low pressure.
- ⑤ Target low pressure
Indicates the target compressor low pressure.
- ⑥ Error
Indicates an error. If no error is detected, [-] is displayed; otherwise, the error code between E01 and E99 is displayed. If a communication error is detected, [Disconnected] is displayed.

1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

This screen displays Hydrolution PRO operation data.

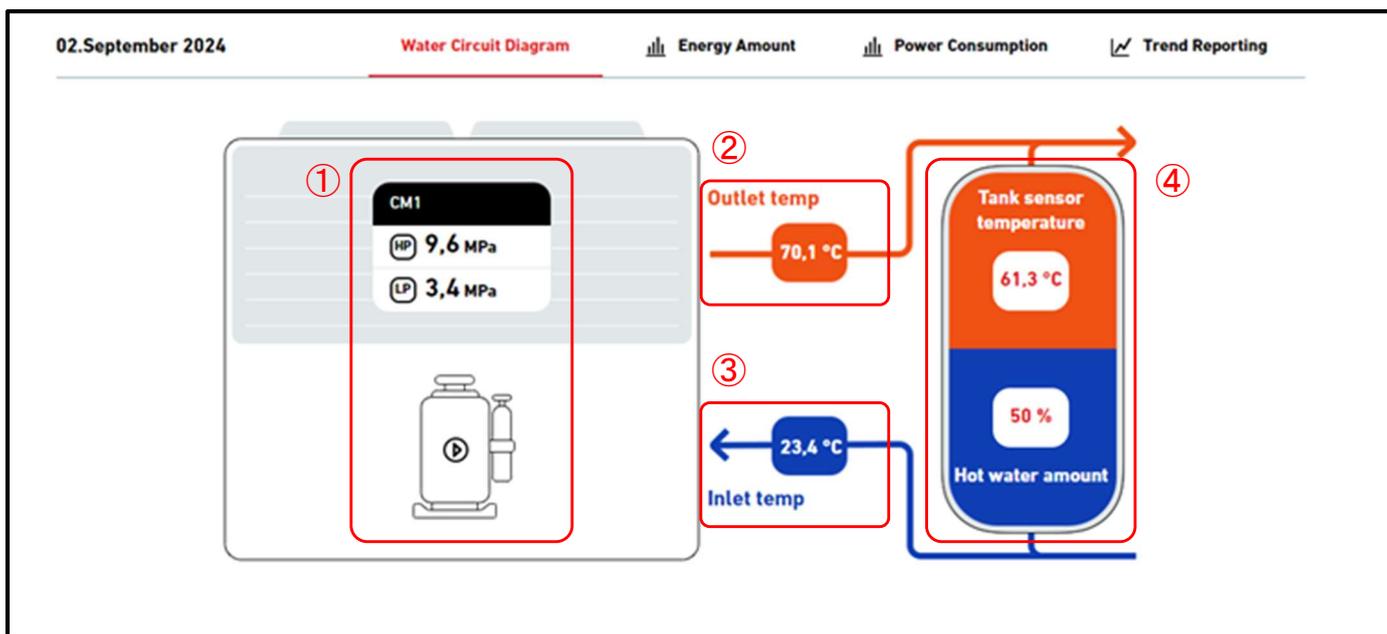


This screen displays the following items related to Hydrolution PRO.

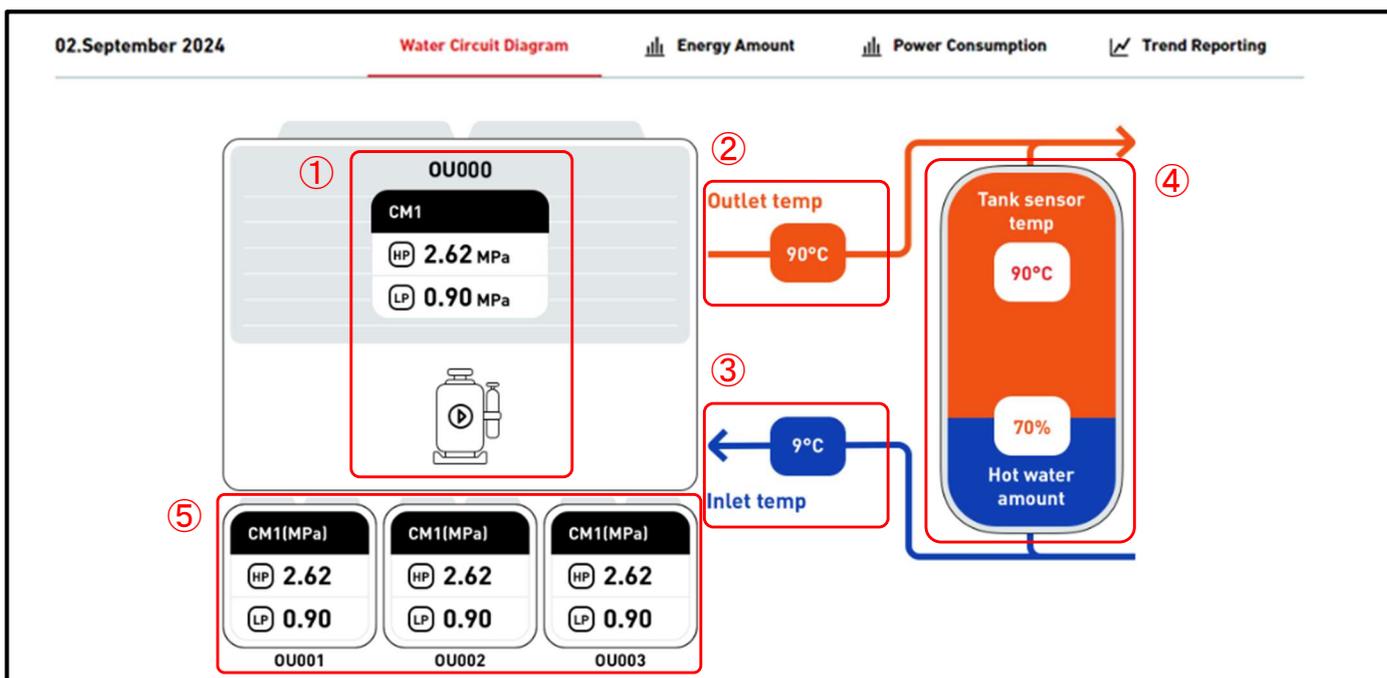
- ① Power
Indicates the operation status. (On or Off)
- ② Operation mode
Indicates the operation mode. (Heating or Cooling)
- ③ Set temperature
Indicates the target outlet water temperature.
- ④ Energy amount
Indicates the energy amount generated from midnight to the current time of the same day.
- ⑤ COP(daily)
Indicates the COP from midnight to the current time of the same day.
- ⑥ Error
Indicates an error. If no error is detected, [-] is displayed; otherwise, the error code between E01 and E99 is displayed. If a communication error is detected, [Disconnected] is displayed.

1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

The "Water circuit diagram" can display the data for Q-ton and Hydrolution PRO. Water circuit diagram (for Q-ton)

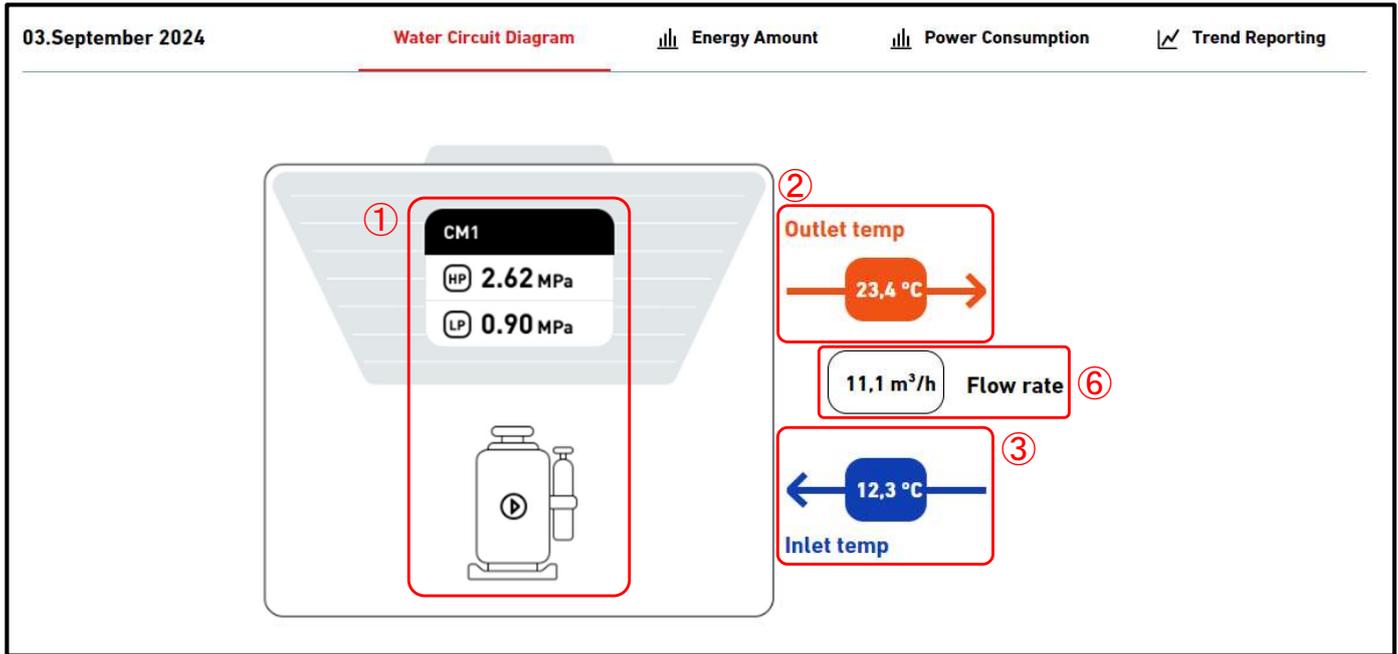


Water circuit diagram (for Q-ton in a master-slave configuration)



1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

Water circuit diagram (for Hydrolution PRO)



The displayed data is as follows

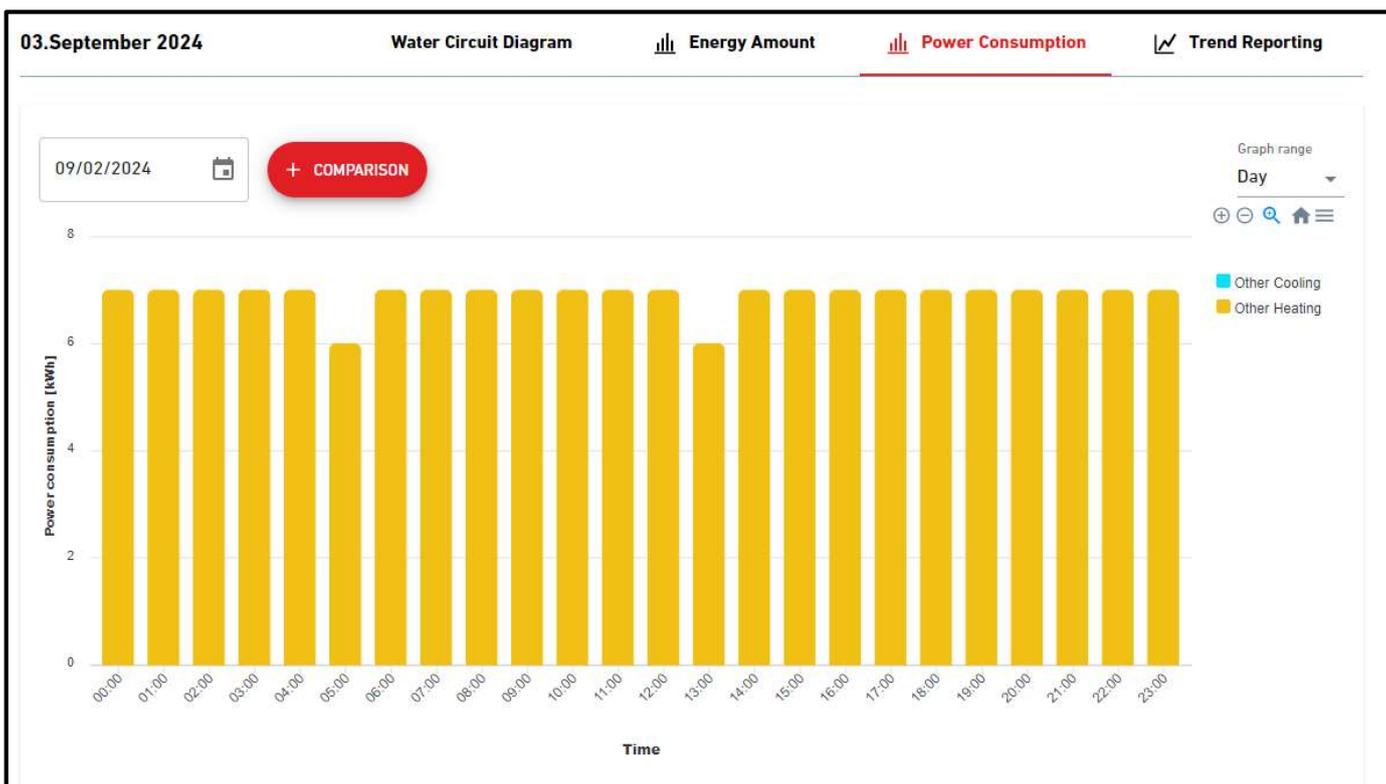
- ① Compressor status
Indicates the actual compressor high/low pressure and the ON/OFF status.
- ② Outlet temp
Indicates the outlet water temperature.
- ③ Inlet temp
Indicates the inlet water temperature.
- ④ Tank status (Only for Q-ton)
Indicates the actual tank sensor temperature and hot water amount. The color proportion of the tank on the diagram changes according to the hot water amount. In heating mode, the tank display disappears.
- ⑤ Tank status (Only for Q-ton in a master-slave configuration)
Indicates the actual compressor high/low pressure and the ON/OFF status of slave units.
- ⑥ Flow rate (Only for Hydrolution PRO)
Indicates the actual water flow rate.

For Hydrolution PRO, the color of arrows ② and ③ changes according to the operating mode.

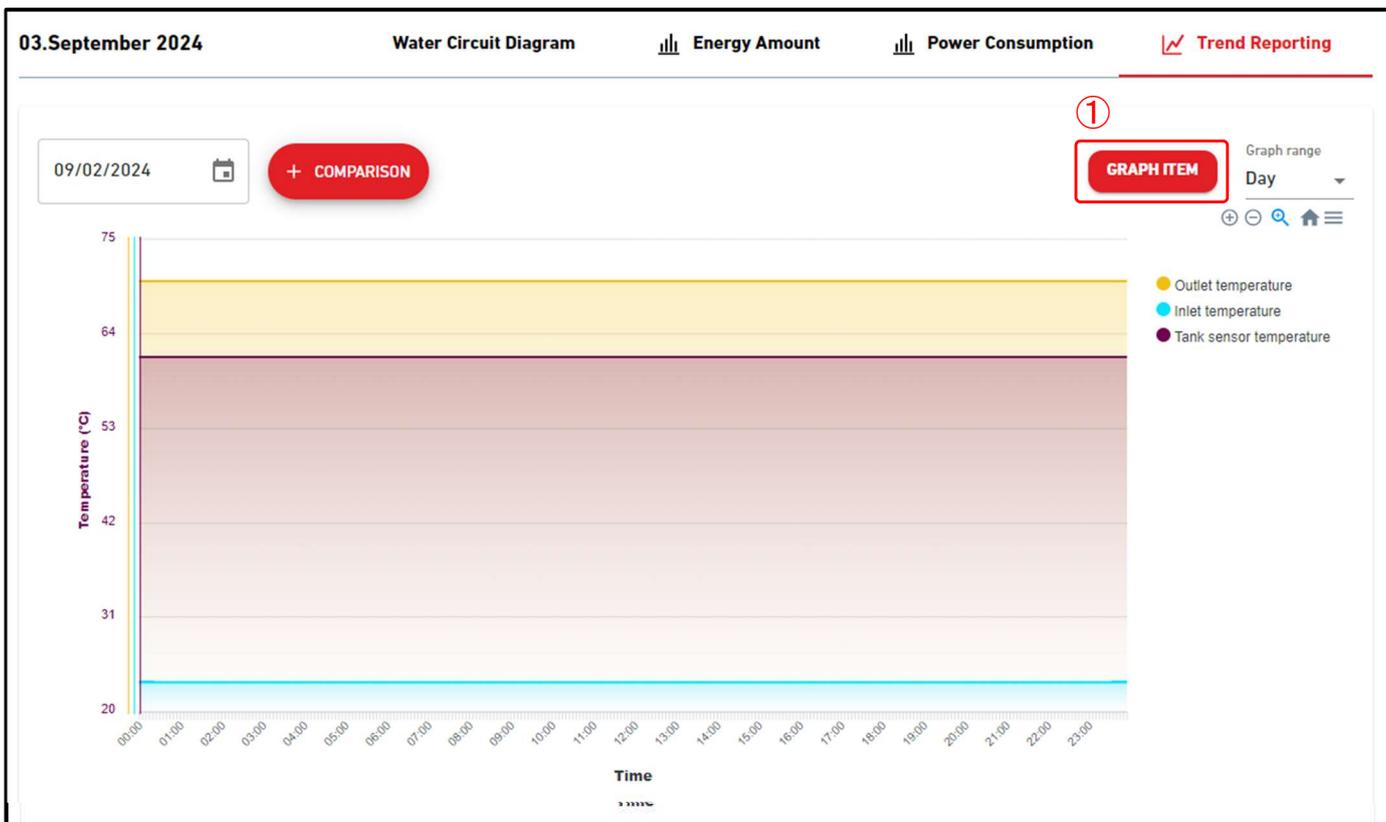
- Heating mode : ② Orange, ③ Blue
- Cooling mode : ② Blue, ③ Orange

1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

Power consumption graph

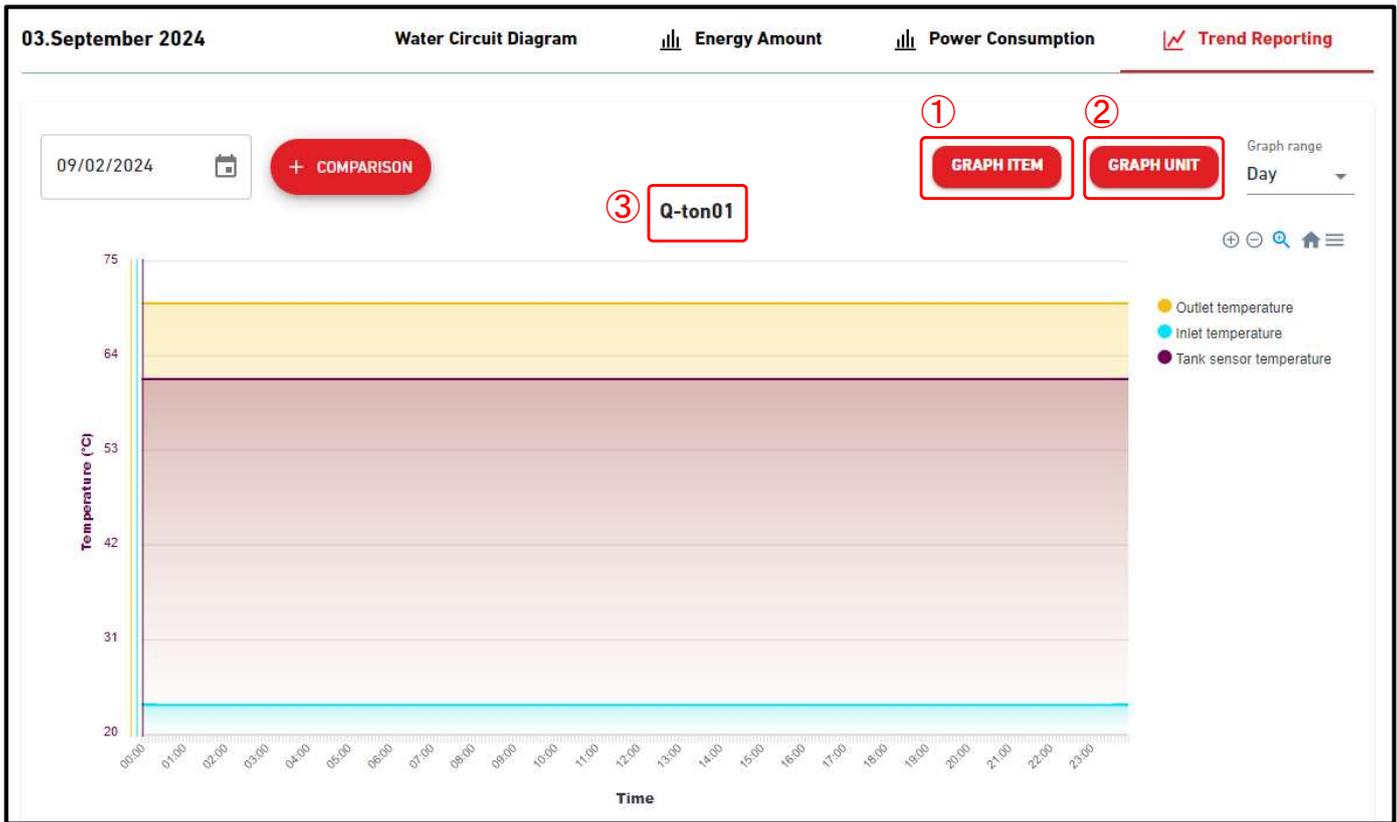


Trend reporting graph



1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

Trend reporting graph (for Q-ton in a master-slave configuration)



These specifications are basically the same as [1.24. Power Consumption Graph] and [1.25. Temperature Graph], but the following content differs.

① GRAPH ITEM

You can select the items to display on the graph. You can choose up to two types of items and a maximum of four items in total.

For Q-ton

Edit graph item

Please select the item to be displayed in the graph.

Temperature data item

- Outlet temperature
- Inlet temperature
- Tank sensor temperature
- Target outlet temperature
- Target inlet temperature
- Heating set temperature
- Outdoor temperature

Compressor data item

- Compressor high pressure
- Compressor low pressure

Hot water storage amount data item

- Target hot water amount
- Hot water amount

CANCEL

OK

1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

For Hyozan

Edit graph item

Please select the item to be displayed in the graph.

Temperature data item

Evaporating temperature

Compressor data item

Compressor low pressure

Compressor high pressure

Target low pressure

CANCEL OK

For Hydrolution PRO

Edit graph item

Please select the item to be displayed in the graph.

Temperature data item

Inlet temperature

Outlet temperature

Compressor data item

CM1 Compressor high pressure

CM1 Compressor low pressure

CM2 Compressor high pressure

CM2 Compressor low pressure

Hot water storage amount data item

Flow rate

CANCEL OK

②GRAPH UNIT (Only for Q-ton in a master-slave configuration)

You can select the unit to be displayed in the graph.

Select graph unit

Please select the unit to be displayed in the graph.

Master unit

Q-ton01

Slave unit

Q-ton15

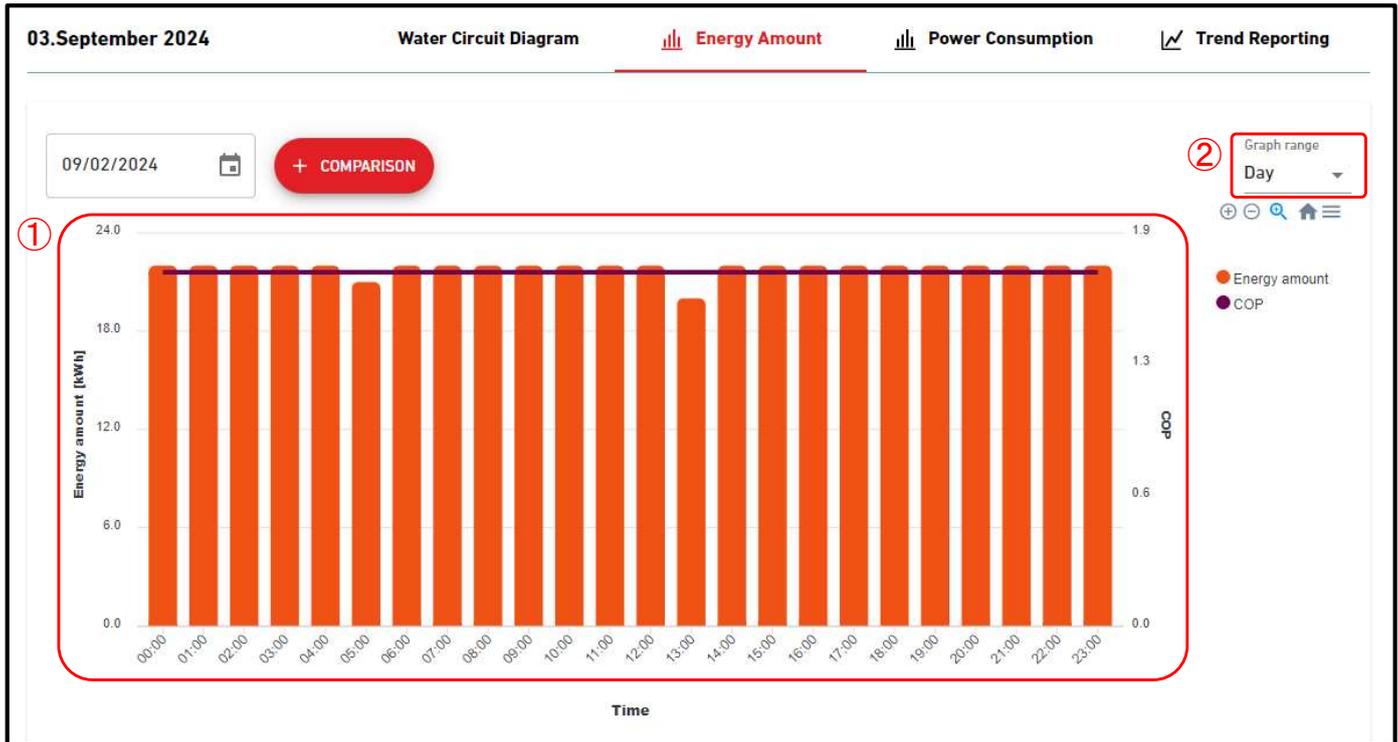
CANCEL OK

③Unit name

Displayed the name of the currently displayed unit.

1.28. Q-ton/Hyozan/Hydrolution PRO Data Display Screen

This graph screen displays energy amount and COP.
This screen is for the Q-ton and Hydrolution PRO.



These specifications are basically the same as [1.24. Power Consumption Graph] and [1.25. Temperature Graph].

① Energy amount and COP graph

The energy amount is represented as a bar graph, while the COP is displayed as a trend graph.

② Graph range

The following settings are available:

[Day]

The data, aggregated on an hourly basis, will be displayed for a full day.

[Week]

The data, aggregated on a day basis, will be displayed for a week.

[Month]

The data, aggregated on a day basis, will be displayed for a month.

[Year]

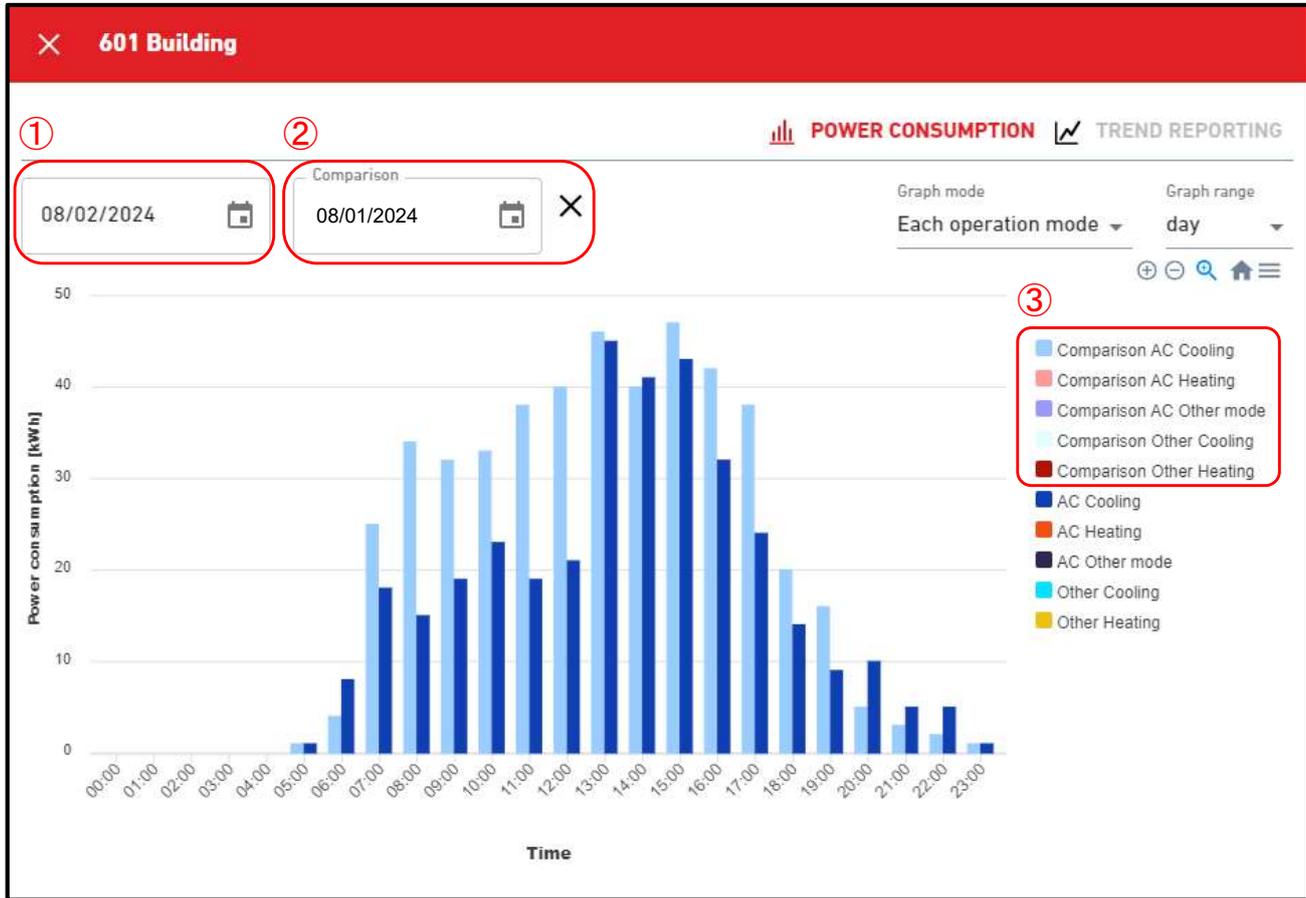
The data, aggregated on a month basis, will be displayed for a year.

[10 years]

The data, aggregated on a year basis, will be displayed for 10 years.

1.29. Comparison Graph

By clicking the "COMPARISON" button for each graph, a comparison graph will be displayed.



Display the graph for the comparison date in addition to the graph for the original date.

Comparison graph has the following items:

① Original date

② Comparison date

Clicking on the "x" icon will end the display of the comparison graph.

③ Comparison legend

In addition to the legend of the original graph, display the comparison legend.

Comparison legend represents the data of the comparison data selected in ②.

1.30. Hyozan Group Layout Screen

This screen is used to view the layout of the Hyozan indoor units belonging to the group.

Other Equipment, Hyozan | Total power consumption: 191 kWh

GROUP HYOZAN 2

inDoorUnit6

inDoorUnit04

GROUP HYOZAN 2

Unit	Status	Consumption
HCCVQ Refrigeration		
Hyozan16	HP: 1.2Mpa LP: 2.3Mpa	61kWh
Security-Test-H...	HP: 1.2Mpa LP: 2.3Mpa	0kWh
Group Hyozan 1		
inDoorUnit01	-13.5°C -5.0°C	-8.5°C
inDoorUnit02	-8.5°C -5.0°C	-3.5°C
inDoorUnit03	-8.5°C -5.0°C	-3.5°C
Group Hyozan 2		
inDoorUnit04	-8.5°C -5.0°C	-3.5°C
inDoorUnit6	-8.5°C -5.0°C	-3.5°C
Group Hyozan 3		
inDoorUnit7	-8.5°C -5.0°C	-3.5°C

Multi-view mode (for 2 groups)

Other Equipment, Hyozan | Total power consumption: 191 kWh

GROUP HYOZAN 1

inDoorUnit01

inDoorUnit02

inDoorUnit03

GROUP HYOZAN 2

inDoorUnit6

inDoorUnit04

Multi-view mode (for 3 or 4 groups)

Other Equipment, Hyozan | Total power consumption: 191 kWh

GROUP HYOZAN 1

inDoorUnit01

inDoorUnit02

inDoorUnit03

GROUP HYOZAN 2

inDoorUnit6

inDoorUnit04

GROUP HYOZAN 3

inDoorUnit7

1.30. Hyozan Group Layout Screen

In this screen, the layout of the Hyozan indoor units is displayed, along with the operating status and temperature data of each unit.

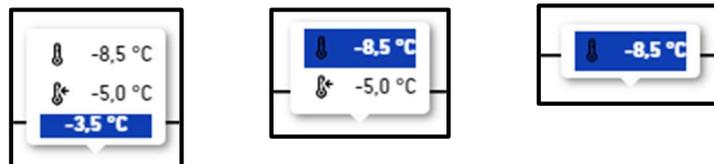
In Single View mode, the layout of each group is displayed. It is also possible to switch groups automatically.

In Multi View mode, up to 4 groups' layouts can be displayed simultaneously.

- ① displays the operation status of the indoor unit. Each icon in the image represents the position and operating status of each indoor unit belonging to the group. The legend is as follows:

State	
On	Off
	

- Display tooltips along with the icons. The tooltips should display the following information based on the size:
 - Large : Inside temp, set temp, and difference
 - Medium : Inside temp, set temp,
 - Small : Inside temp



- Highlight colour of the tooltips is changed according to the temperature difference. The criteria of this temperature differences should be set based on the values specified in the [2.9. Hyozan Indoor Unit Setting Screen].
- If you click an icon in ①, the following icons are displayed in addition to the details of the corresponding unit state on the operation screen on the right:
 - [Line graph icon]
Click this icon to display [1.25. Temperature Graph] of the unit.
- By clicking on ②, you can select the group to be displayed.
- By clicking on ③, you can switch between display modes (Single view/Multi-View).
- By clicking on the gear button in ④, the settings dialog will be displayed.
- Clicking on ⑤ will display the current layout screen in a separate tab.
- In Single view mode, you can change the group to be shown by clicking on the arrow icon and the dot icon in ⑥.

1.30. Hyozan Group Layout Screen

Display settings dialog

Display settings

① **Auto switching**
OFF

② **Switching timeframe**
SECONDS ▾

③ **Single floorplan tooltip**
ACTUAL,SET & DIFFERENCE ▾

④ **Multi floorplan tooltip**
ACTUAL,SET & DIFFERENCE ▾

⑤ **Group to be displayed**

Group Hyozan 1

Group Hyozan 2

Group Hyozan 3

CANCEL OK

You can configure the display settings for the layout. The available settings may vary depending on the display mode.

Only for Single view mode

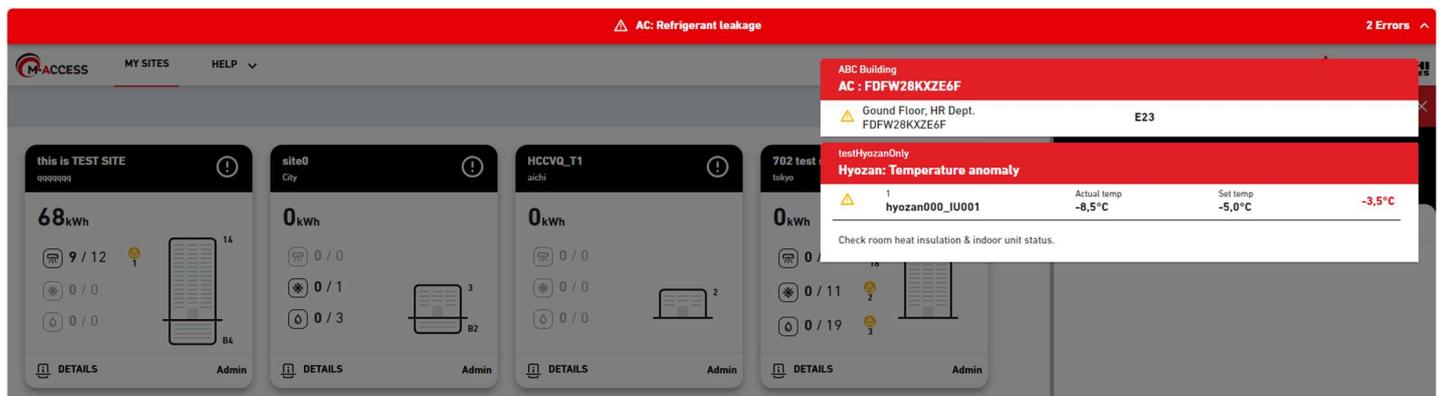
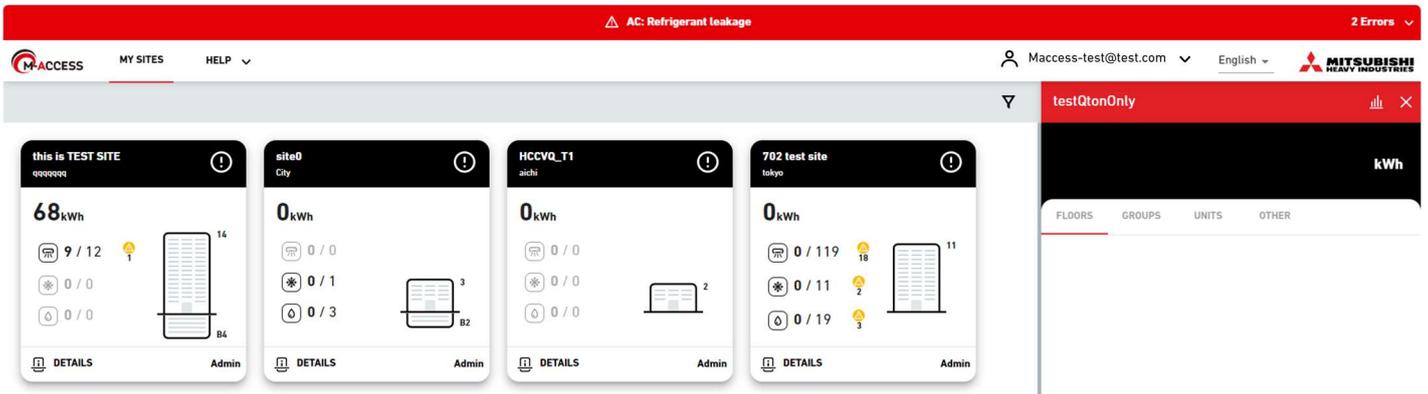
- When you toggle the switch in ① to ON, the Auto switching feature for the layout will be enabled.
- You can set the screen switching timeframe in ②.(10 to 60 seconds)
- You can select the size of the tooltips in ③.

Only for Multi-view mode

- You can select the size of the tooltips in ④.
- You can select up to 4 groups to be displayed in ⑤.

Click on [OK] to apply the settings.

1.31. Highlighting Abnormalities



If any of the following high-priority abnormalities occur, they will be highlighted with a red header displayed at the top of the screen to emphasize their occurrence.

- Error Code E23 (Detection of R32 refrigerant leakage) (*)
- Abnormal temperature in Hyozan indoor unit
- Abnormality in Hyozan outdoor unit

(*) For information regarding the response to E23, please refer to the manual of each unit.

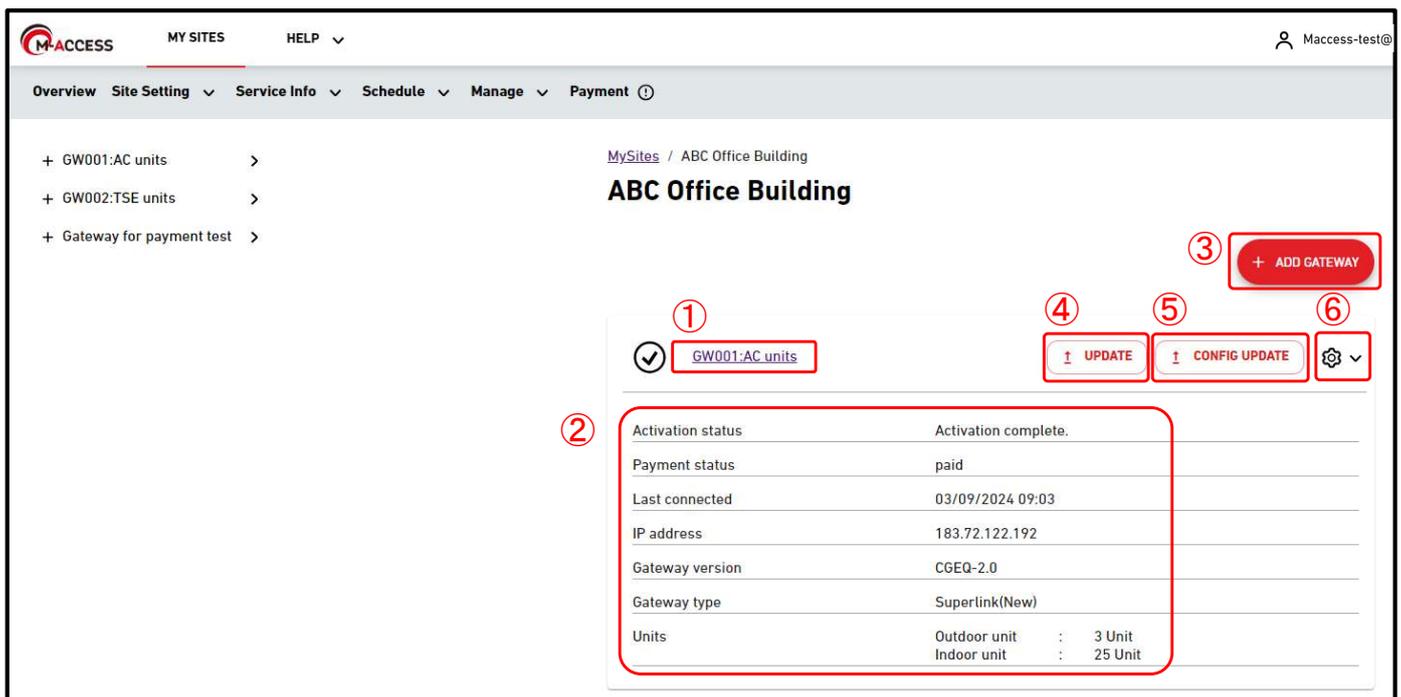
Clicking on the down arrow icon on the right side of the header will display detailed information about the error.

2. Setting



2.1. Gateway Setting Screen

This screen is used to view, register, and set gateway information.



- Click the gateway name in ① to move to [2.4. Gateway System Selection Screen].
- For each gateway, the following items are displayed as shown in ②.
 - [Activation status] Activation status of gateway
 - [Payment status] Payment status of the subscription
 - [Last connected] Last communication time
 - [IP address] IP address
 - [Gateway version] Software version
 - [Gateway type] Current communication type (Superlink(Previous), Superlink(New), or Remote terminal)
 - [Units] Number of air conditioners and Q-ton/Hydrolution PRO units registered in the gateway
 - [Hyozan units] Number of Hyozan units registered in the gateway (Displayed only for registered Hyozan units)
- To add a gateway, click [ADD GATEWAY] in ③, and enter the new gateway name and activation code(*). Then, start activation.
 - (*)Please contact your dealer or distributor to get the activation code.

Add gateway

Please enter the name of new gateway and activation code.

New gateway name

Activation code

CANCEL OK

2.1. Gateway Setting Screen

- [UPDATE] in ④ is only displayed when the gateway software needs to be updated. If you click this, the software is upgraded to the latest version, and the gateway restarts.
 - [CONFIG UPDATE] in ⑤ is displayed only when there is a need to update the unit configuration information of that gateway (such as switching the communication type or updating unit registration). If you click this, the latest configuration information will be sent to the gateway and the gateway automatically restarts to apply the changes.
 - If you click the gear icon in ⑥, the following three buttons are displayed:
 - [Edit]
Click this button to display the Gateway Edit dialog on the following page.
 - [Collective setting] (only available for air conditioner)
Click this button to display the collective setting dialog. By uploading a file, you can configure and/or register multiple units information which is connected to the gateway. You can also download the file of current unit settings.
 - [Replace Gateway]
Click this button to replace the gateway with having a same configuration and units' operation data associated with the current gateway. By this function, you can transfer the past operational data and device registration information. Same as gateway activation, please enter the Activation key displayed in the screen into the gateway you are replacing.
 - [Delete]
Click this button to delete the gateway.
- * NOTE
- Deletion of the gateway that has an active subscription is prohibited. If you wish to delete the gateway, please cancel the next subscription payment and wait for the termination of the current subscription period.
 - All data associated with the gateway, including operation history will be permanently deleted and cannot be restored.
- [Reboot]
Click this button, the gateway will reboots.
 - [Connection check]
You can confirm the communication between the gateway and connected units. This function can be used before the payment for the purpose of checking communication during commissioning or service work.
 - [Config update]
If you click this, the latest configuration information will be sent to the gateway and the gateway automatically restarts to apply the changes.

2.1. Gateway Setting Screen

This is a screen under gateway activation or replacement.



- When activation is started, the activation key in ① is displayed, and the system is placed in the gateway registration wait status for 30 minutes. Activation is completed by logging in to the gateway side in time and entering this activation key. For information on how to set up the gateway, refer to the Gateway Installation Manual.
- If 30 minutes have passed before completing activation, time-out is triggered, and the following two buttons are displayed:
 - [RETRY] Restarts activation.
 - [DELETE] Deletes the gateway.
- Click [DELETE] in ② to cancel the activation.

2.1. Gateway Setting Screen

Gateway Edit dialog

Gateway edit

① Gateway name
GW001:AC units

② Superlink
NEW PREVIOUS
 Remote terminal

CANCEL OK

If you change the following items and click the [OK] button at the bottom right, you can change gateway information.

- ① Gateway name
- ② Communication type
(Superlink(New), Superlink(Previous) and Remote terminal)

After making changes, click the [CONFIG UPDATE] button on [2.1. Gateway Setting Screen] to reflect the changes to the gateway.

2.2. Gateway Collective Setting Screen

Collective setting dialog

Collective setting of units

Registration and configuration of the entire air conditioning system can be completed at once by uploading the collective setting file.

The template setting file is available below.

② **DOWNLOAD** **UPLOAD**

① **Template file with current configuration**

Air conditioner	DOWNLOAD
Template file	
Air conditioner	DOWNLOAD

CANCEL

Collective setting of units

Registration and configuration of the entire air conditioning system can be completed at once by uploading the collective setting file.

The template setting file is available below.

DOWNLOAD **UPLOAD**

Collective setting of units

③ **SELECT FILE** current_setting (2).csv

④ [Please review the changes to the registration and configuration in a separate tab.](#)

CANCEL

APPLY

⑤

2.2. Gateway Collective Setting Screen

Collective setting check screen

The screenshot displays the 'Collective setting of units' screen. It features two side-by-side panels: 'Current setting' (left, circled 6) and 'New setting' (right, circled 7). The 'Current setting' panel shows a list of units with their names and addresses, some highlighted in pink. The 'New setting' panel shows a list of units with their names and addresses, some highlighted in green. The screen also includes a header with the M-ACCESS logo and the Mitsubishi Heavy Industries logo, and a sub-header 'Collective setting of units'. Below the sub-header, there is a note: 'Changes from the current settings are highlighted below. After confirmation, please go back to the M-ACCESS setting screen and press "APPLY" to update the changes.'

Please follow the steps below to use collective setting for complete multiple units registration and/or configuration at once. :

1. Download the current setting file or a new setting template file in ①.
2. Edit the downloaded file with the new configuration settings.
Please refer to the Appendix 3 for instructions on how to edit the file.
3. Click [UPLOAD] tab in ② to switch screen.
4. Upload the file in ③.
5. Click ④ and check the changes in a separate tab.
The comparison results between the current settings and the setting of uploaded file will be displayed in a separate tab. The left side of the screen shows the current settings in ⑥, while the right side shows the settings from the uploaded file in ⑦.
 - Modified sections
Highlighted in Pink for the current settings and Green for the changed settings.
 - Added sections
Highlighted in Gray for the current setting and Green for the new settings.Error message will be displayed before opening the separate tab when there is an issue on the uploaded file.
6. Click on [APPLY] in ⑤ to apply the settings.
After opening the separate tab, the [APPLY] button becomes active.

2.3. Connection Check Screen

Connection check dialog

①

Connection check

Based on the configuration information, you can check the connection between the gateway and the connected unit.

CHECK CONNECTION *Only 10 minutes

Unit name	Address	Connection status
Please start the communication test		

CANCEL

②

Connection check

Based on the configuration information, you can check the connection between the gateway and the connected unit.

CHECKING (09:55) **Only 10 minutes

Unit Name	Address	Connection status
FDC155KXZEN1_#0	0	Connected
FDC560KXZE2_#1	1	Connected
FDC400KXZE2_#2	2	Connected
FDFW28KXZE6F	0	Connected
FDK22KXZE1	1	Connected
FDK28KXZE1	23	Connected
Interface 01	24	Not connected

CANCEL

2.3. Connection Check Screen

You can confirm the communication between the gateway and connected units. This function can be used before the payment for the purpose of checking communication during commissioning or service work.

Please follow the steps below to confirm the communication with the connected units:

1. Click [CHECK CONNECTION] button in ①.
By clicking the button, communication check program will be running for 10 minutes.
2. Confirm the connection status in ②.
The units connected to the gateway registered on M-ACCESS are displayed in a list, along with the connection status of each unit.
Once the unit connection is confirmed, the Connection Status will change to "Connected".
If the Connection Status stays "Not connected", please check the following items:
 - Is the unit properly connected?
 - Is the gateway properly connected?
 - Is the unit information on M-ACCESS correctly configured?
 - Does the gateway have the latest unit configuration information ([CONFIG UPDATE] button clicked)?

2.4. Gateway System Selection Screen

This screen is used to display the number of units registered in each gateway system. The following two patterns of screens are available, which vary depending on the specified communication type:

The screenshot shows the M-ACCESS interface for 'GW001:AC units'. The breadcrumb path is 'MySites / ABC Office Building / GW001:AC units'. The main heading is 'GW001:AC units'. There are two sections, each with a red circle '1' and a red box around the title 'Superlink1' and 'Superlink2'. The first section shows 'Indoor unit' with 25 Unit and 'Outdoor unit' with 3 Unit. The second section shows 'Indoor unit' with 0 Unit and 'Outdoor unit' with 0 Unit.

Superlink1	Indoor unit	Outdoor unit
	25 Unit	3 Unit

Superlink2	Indoor unit	Outdoor unit
	0 Unit	0 Unit

The screenshot shows the M-ACCESS interface for 'GW002:TSE units'. The breadcrumb path is 'MySites / ABC Office Building / GW002:TSE units'. The main heading is 'GW002:TSE units'. There are two sections, each with a red circle '2' and a red box around the title 'Remote terminal1' and 'Remote terminal2'. The first section shows 'Q-ton' with 3 Unit. The second section shows 'Hyozan' with 'Outdoor unit : 2 Unit' and 'Indoor unit : 8 Unit'.

Remote terminal1	Q-ton
	3 Unit

Remote terminal2	Hyozan	Outdoor unit	Indoor unit
		: 2 Unit	: 8 Unit

- Click ① to move to [2.5. Outdoor Unit Registration Screen].
- Click ② to move to [2.8. Q-ton/Hyozan/Hydrolution PRO Registration screen].

2.5. Outdoor Unit Registration Screen

This screen is used to view, register, and set the information of the connected outdoor unit regarding the gateway for which the communication type is set to Superlink(Previous) or Superlink(New).

The screenshot displays the M-ACCESS interface for Superlink1. The left sidebar shows a tree view with 'Superlink1' expanded to show units: FDC155KXZEN1_#0, FDC400KXZE2_#2, FDC560KXZE2_#1, Interface, Superlink2, GW002:TSE units, and Gateway for payment test. The main content area is titled 'Superlink1' and shows a table of registered outdoor units. The unit 'FDC155KXZEN1_#0' is highlighted with a red box and a circled '1'. To its right is a red button labeled '+ ADD OUTDOOR UNIT' with a circled '3'. Below the unit name is a table of configuration parameters: Superlink address (0), Voltage (240), Power supply (Single phase), Master outdoor unit (None), and Indoor unit (a list of unit IDs). A gear icon with a circled '4' is next to the unit name. Below the configuration table is an 'Interface setting' section with a circled '5' and a dropdown menu showing 'Interface 01'.

- Click the outdoor unit name in ① to move to [2.6. Indoor Unit Registration Screen].
- For each outdoor unit, the following items are displayed as shown in ②:

[Superlink address]	Superlink address
[Voltage]	Power voltage (Enter the value within the range 0 to 999V.)
[Power supply]	Number of power supply phases (Select Three phase or Single phase.)
[Master outdoor unit]	Master outdoor unit name (only for slave outdoor unit)
[Indoor unit]	List of registered indoor unit names
- To add an outdoor unit, click [ADD OUTDOOR UNIT] in ③ to display the Add outdoor unit dialog, and enter the desired items.
- If you click the gear icon in ④, the following two buttons are displayed:

[Edit]	Click this button to display the Outdoor Unit Edit dialog.
[Delete]	Click this button to delete the outdoor unit.
- Click [Interface setting] in ⑤ to move to [2.7. Interface Registration Screen].

2.5. Outdoor Unit Registration Screen

Add outdoor unit dialog

Add outdoor unit

Please enter the information of new outdoor unit.

① New outdoor unit name

② Superlink address
3

③ Voltage
0

④ Power supply
Three phase

⑤ Master outdoor unit

CANCEL OK

You can enter the following items and click [OK] at the bottom right to add an outdoor unit:

- ① New outdoor unit name
- ② Superlink address
- ③ Voltage
- ④ Power supply (Three phase, Single phase)
- ⑤ Master outdoor unit (only when added as a slave outdoor unit)

2.5. Outdoor Unit Registration Screen

Outdoor Unit Edit dialog

Outdoor unit edit

Please enter the information of the outdoor unit to be changed.

① Outdoor unit name
FDC155KXZEN1_#0

② Superlink address
0

③ Voltage
240

④ Power supply
Single phase

⑤ Master outdoor unit

CANCEL OK

You can change the following items and click [OK] at the bottom right to change outdoor unit information.

- ① Outdoor unit name
- ② Superlink address
- ③ Voltage
- ④ Power supply (Three phase, Single phase)
- ⑤ Master outdoor unit (only when added as a slave outdoor unit)

2.6. Indoor Unit Registration Screen

This screen is used to view, register, and set the information of the indoor unit connected to the outdoor unit.

The screenshot shows the M-ACCESS interface for indoor unit registration. The left sidebar lists navigation options: Overview, Site Setting, Service Info, Schedule, Manage, and Payment. The main content area shows the breadcrumb path: MySites / ABC Office Building / GW001:AC units / Superlink1 / FDC155KXZEN1_#0. The title is FDC155KXZEN1_#0. A red box labeled '2' highlights the '+ ADD INDOOR UNIT' button. A red box labeled '1' highlights the unit details for FDFW28KXZE6F, showing Superlink address 0 and Unit type Floor Standing Console. A red box labeled '3' highlights the gear icon for editing the unit.

- For each indoor unit, the following items are displayed as shown in ①:
 - [Superlink address] Superlink address
 - [Unit type] Type of indoor unit
- To add an indoor unit, click [ADD INDOOR UNIT] in ② to display the Add indoor unit dialog, and enter the desired items.
- If you click the gear icon in ③, the following two buttons are displayed:
 - [Edit]
Click this button to display the Indoor Unit Edit dialog.
 - [Delete]
Click this button to delete the indoor unit.

2.6. Indoor Unit Registration Screen

Add indoor unit dialog

Add indoor unit

Please enter the information of new indoor unit.

① New indoor unit name

② Superlink address
25

③ Unit type
AC General

CANCEL OK

You can enter the following items and click [OK] at the bottom right to add an indoor unit.

- ① New indoor unit name
- ② Superlink address
- ③ Unit type

The selectable unit types are as follows:

- AC General
- 4way Cassette
- 2way Cassette
- 1way Cassette
- Ceiling Suspended
- Floor Standing
- Floor Standing Console
- Wall Mounted
- Duct Connected

2.6. Indoor Unit Registration Screen

Indoor Unit Edit dialog

Indoor unit edit

Please enter the information of the indoor unit to be changed.

① Indoor unit name
FDFW28KXZE6F

② Superlink address
0

③ Unit type
AC General

CANCEL OK

You can change the following items and click [OK] at the bottom right to change indoor unit information.

- ① Indoor unit name
- ② Superlink address
- ③ Unit type

The selectable unit types are as follows:

- AC General
- 4way Cassette
- 2way Cassette
- 1way Cassette
- Ceiling Suspended
- Floor Standing
- Floor Standing Console
- Wall Mounted
- Duct Connected

2.7. Interface Registration Screen

This screen is used to view, register, and set the information of the connected interface regarding the gateway for which the communication type is set to Superlink(Previous) or Superlink(New).

The screenshot shows the M-ACCESS web application interface. The top navigation bar includes 'MY SITES' and 'HELP'. The main content area displays a breadcrumb trail: 'MySites / ABC Office Building / GW001:AC units / Superlink1 / Interface'. The title 'Interface' is centered. On the right, there is a red button labeled '+ ADD I/F' (callout 2) and a gear icon (callout 3). Below, a table shows details for 'Interface 01' (callout 1):

Superlink address	24
Unit type	4way Cassette
Interface type	SC-ADNA-E
Voltage	200
Power supply	Three phase

- For each interface, the following items are displayed as shown in ①:
 - [Superlink address] Superlink address
 - [Unit type] Types of unit icons used on each screen
 - [Interface type] Unit type of interface
 - [Voltage] Power voltage of the outdoor unit connected via the interface (Enter the value within the range 0 to 999V.)
 - [Power supply] Number of power supply phases of the outdoor unit connected via the interface(Select Three phase or Single phase.)
- To add an interface, click [ADD I/F] in ② to display the Add Interface dialog, and enter the desired items.
- If you click the gear icon in ③, the following two buttons are displayed:
 - [Edit]
Click this button to display the Interface Edit dialog.
 - [Delete]
Click this button to delete the interface.

2.7. Interface Registration Screen

Add Interface dialog

Add interface

Please enter the information of new interface.

① New interface name

② Superlink address
25

③ Unit type
AC General

④ Interface type
SC-ADNA-E

⑤ Voltage
0

⑥ Power supply
Three phase

CANCEL OK

You can enter the following items and click [OK] at the bottom right to add an interface:

- ① New interface name
- ② Superlink address
- ③ Unit type

The selectable unit types are as follows:

- AC General
- 4way Cassette
- 2way Cassette
- 1way Cassette
- Ceiling Suspended
- Floor Standing
- Floor Standing Console
- Wall Mounted
- Duct Connected
- Ventilation
- Lighting

- ④ Interface type
- ⑤ Power voltage of the outdoor unit connected via the interface
- ⑥ Number of power supply phases of the outdoor unit connected via the interface

2.7. Interface Registration Screen

Interface Edit dialog

Interface edit

Please enter the information of the interface to be changed.

① Interface name
Interface 01

② Superlink address
24

③ Unit type
AC General

④ Interface type
SC-ADNA-E

⑤ Voltage
200

⑥ Power supply
Three phase

CANCEL OK

You can change the following items and click [OK] at the bottom right to change interface information:

- ① Interface name
- ② Superlink address
- ③ Unit type

The selectable unit types are as follows:

- AC General
- 4way Cassette
- 2way Cassette
- 1way Cassette
- Ceiling Suspended
- Floor Standing
- Floor Standing Console
- Wall Mounted
- Duct Connected
- Ventilation
- Lighting

- ④ Interface type
- ⑤ Power voltage of the outdoor unit connected via the interface
- ⑥ Number of power supply phases of the outdoor unit connected via the interface

2.8. Q-ton/Hyozan/Hydrolution PRO Registration Screen

This screen is used to view, register, and set the information of the connected Q-ton/Hyozan/Hydrolution PRO regarding the gateway for which the communication type is set to Remote terminal.

The screenshot shows the M-ACCESS web interface. The top navigation bar includes 'MY SITES' and 'HELP'. The breadcrumb trail is 'MySites / ABC Office Building / GW002:TSE units / Remote terminal1'. The main heading is 'Remote terminal1'. On the left, a sidebar shows a tree view with 'Remote terminal1' expanded to show 'Q-ton00', 'Q-ton01', and 'Q-ton15'. A red box labeled '2' highlights a '+ ADD UNIT' button. A red box labeled '1' highlights the configuration table for 'Q-ton00'. A red box labeled '3' highlights a settings icon.

Q-ton00	
Remote terminal address	0
Voltage	200
Power supply	Three phase
Unit type	Q-ton
Model name	ESA30E-25
Software ver.	WCMC
Water pump model	PD-51JU2
Master outdoor unit	None

The screenshot shows the configuration screens for Hyozan and Hydrolution PRO units. A red box labeled '4' highlights the 'Hyozan' unit selection. A red box labeled '1' highlights the configuration table for 'Hydrolution PRO'. Another red box labeled '1' highlights the configuration table for 'Hyozan'.

Hydrolution PRO	
Remote terminal address	31
Voltage	400
Power supply	Single phase
Unit type	Hydrolution PRO
Model Name	MCUS5001VHE-W

Hyozan	
Remote terminal address	16
Voltage	200
Power supply	Three phase
Unit type	Hyozan
Model Name	HCCV1001E
Indoor unit	Hyozan_Indoor1 Hyozan_Indoor2 Hyozan_Indoor3 Hyozan_Indoor4 Hyozan_Indoor5 Hyozan_Indoor6

2.8. Q-ton/Hyozan/Hydrolution PRO Registration Screen

- For each Q-ton/Hyozan/Hydrolution PRO, the following items are displayed as shown in ①:

[Remote terminal address]	Remote terminal address
[Voltage]	Power voltage (Enter the value within the range 0 to 999V.)
[Power supply]	Number of power supply phases (Select Three phase or Single phase.)
[Unit type]	Unit type (Q-ton, Hyozan, Hydrolution PRO)
[Model name]	Model name of the unit
<u>Only for Q-ton</u>	
[Software ver.]	Software version (Displayed only if advanced setting is made)
[Water pump model]	Water pump model (Displayed only if advanced setting is made)
[Master outdoor unit]	Master outdoor unit name (only for slave outdoor unit)
<u>Only for Hyozan</u>	
[Indoor unit]	List of registered indoor unit names
- To add Q-ton/Hyozan/Hydrolution PRO, click [ADD UNIT] in ② to display the Add Q-ton/Hyozan/Hydrolution PRO dialog, and enter the desired items.
- If you click the gear icon in ③, the following two buttons are displayed:
 - [Edit]
Click this button to display the Q-ton/Hyozan Unit Edit dialog.
 - [Advanced setting] (Only for Q-ton)
Click this button to display the advanced setting dialog.
This setting is required only when you have done parts replacement.
 - [Delete]
Click this button to delete the outdoor unit.

2.8. Q-ton/Hyozan/Hydrolution PRO Registration Screen

Add Q-ton/Hyozan/Hydrolution PRO dialog

Add Q-ton/Hyozan/Hydrolution PRO

Please enter the information of new Q-ton/Hyozan unit.

① New unit name

② Remote terminal address
2

③ Voltage
0

④ Power supply
Three phase

⑤ Unit type
Q-ton

⑥ Model Name
ESA30E-25

⑦ Master Unit (Only if registering unit is slave unit.)
None

CANCEL OK

You can enter the following items and click [OK] at the bottom right to add Q-ton/Hyozan/Hydrolution PRO:

- ① New unit name
- ② Remote terminal address
- ③ Voltage

Note

Only the Hydrolution PRO has a fixed voltage value.

- ④ Number of power supply phases
- ⑤ Unit type
- ⑥ Model Name

Only for Q-ton

- ⑦ Master Unit (Only if registering unit is slave unit.)

Please select the master Q-ton unit when you add slave Q-ton unit.

2.8. Q-ton/Hyozan/Hydrolution PRO Registration Screen

Q-ton/Hyozan/Hydrolution PRO Unit Edit dialog

Q-ton/Hyozan/Hydrolution PRO unit edit

Please enter the information of the unit to be changed.

① Unit name
Q-ton_01(Master)

② Remote terminal address
1

③ Voltage
200

④ Power supply
Single phase

⑤ Unit type
Q-ton

⑥ Model Name
ESA30E-25

⑦ Master outdoor unit (Only if registering unit is slave unit.)
None

CANCEL OK

You can change the following items and click [OK] at the bottom right to change Q-ton/Hyozan /Hydrolution PRO information:

- ① Unit name
- ② Remote terminal address
- ③ Voltage

Note

Only the Hydrolution PRO has a fixed voltage value.

- ④ Number of power supply phases
- ⑤ Unit type
- ⑥ Model Name

Only for Q-ton

- ⑦ Master Unit (only for Q-ton)

Please select the master Q-ton unit when you edit slave Q-ton unit.

2.8. Q-ton/Hyozan/Hydrolution PRO Registration Screen

Advanced setting dialog (for Q-ton)

Advanced Setting

Please enter the information below only when you've done parts replacement.

① Advanced Setting

② Software ver.
WCMC

③ Water pump model
PD-51JU2

④ CANCEL OK

This setting is required only when you have done parts replacement such as control PCB or water pump.

Please follow the steps below to confirm the settings:

1. Set "Active" by toggle button in ①.
2. Select software version after the replacement in ②.
3. Select water pump model after the replacement in ③.
4. Click on [OK] in ④ to apply the settings.

For more detail, please contact your dealer or distributor.

2.9. Hyozan Indoor Unit Setting Screen

This screen is used to view, register, and set the information of the indoor units of Hyozan regarding the gateway for which the communication type is set to Remote terminal.

The screenshot shows the M-ACCESS web interface. The breadcrumb trail is: MySites / Q-tonOnly / GW0021 / Remote terminal1 / hyozan004. The main content area is titled "hyozan004" and contains a table of indoor units. The first unit is highlighted with a red box and labeled ①. The table has the following data:

Indoor unit address	
111	
Error thresholds	±5°C
Warning thresholds (low)	-4°C
Warning thresholds (high)	3°C

The second unit is labeled "test" and has the following data:

Indoor unit address	
2	
Error thresholds	±5°C
Warning thresholds (low)	-1°C
Warning thresholds (high)	1°C

Callout ② points to the "+ ADD UNIT" button. Callout ③ points to the gear icon for editing the first unit.

- For each indoor unit of Hyozan, the following items are displayed as shown in ①:
 - [Indoor unit address] Address of indoor unit
 - [Error thresholds] Abnormal detection threshold ($\pm 0^{\circ}\text{C}$ to $\pm 10^{\circ}\text{C}$)
 - [Warning thresholds (low)] Warning threshold (low) (-5°C to -1°C)
 - [Warning thresholds (high)] Warning threshold (high) (1°C to 5°C)
- To add an indoor unit, click [ADD UNIT] in ② to display the Add indoor unit dialog.
- If you click the gear icon in ③, the following two buttons are displayed:
 - [Edit]
Click this button to display the Indoor Unit Edit dialog.
 - [Delete]
Click this button to delete the indoor unit.

2.9. Hyozan Indoor Unit Setting Screen

Add Hyozan indoor unit dialog

Add indoor unit

Please enter the information of new indoor unit.

① New indoor unit name

② Indoor unit address

③ Error thresholds

④ Warning thresholds

CANCEL OK

You can enter the following items and click [OK] to change the indoor unit setting of Hyozan:

① New indoor unit name

② Indoor unit address

③ Error thresholds

It will be judged as temperature abnormality If the temperature difference between the set temperature and the indoor temperature exceeds this threshold.

④ Warning thresholds (low/high)

Please set the warning criteria by temperature difference between the set temperature and the indoor unit temperature. Warning will be indicated by tooltip colour on the Hyozan monitoring screen display as follows:

- Temperature difference < Warning threshold (low) : Blue
- Warning threshold (low) ≤ Temperature difference ≤ Warning threshold (high) : Green
- Warning threshold (high) < Temperature difference : Orange

2.9. Hyozan Indoor Unit Setting Screen

Hyozan indoor unit edit dialog

Indoor unit edit

Please enter the information of the indoor unit to be changed.

① Indoor unit name
111

② Indoor unit address
1

③ Error thresholds
± 5°C

④ Warning thresholds
-5°C 0°C 5°C

CANCEL OK

You can change the following items and click [OK] at the bottom right to change Hyozan indoor unit information:

① Indoor unit name

② Indoor unit address

③ Error thresholds

It will be judged as temperature abnormality if the temperature difference between the set temperature and the indoor temperature exceeds this threshold.

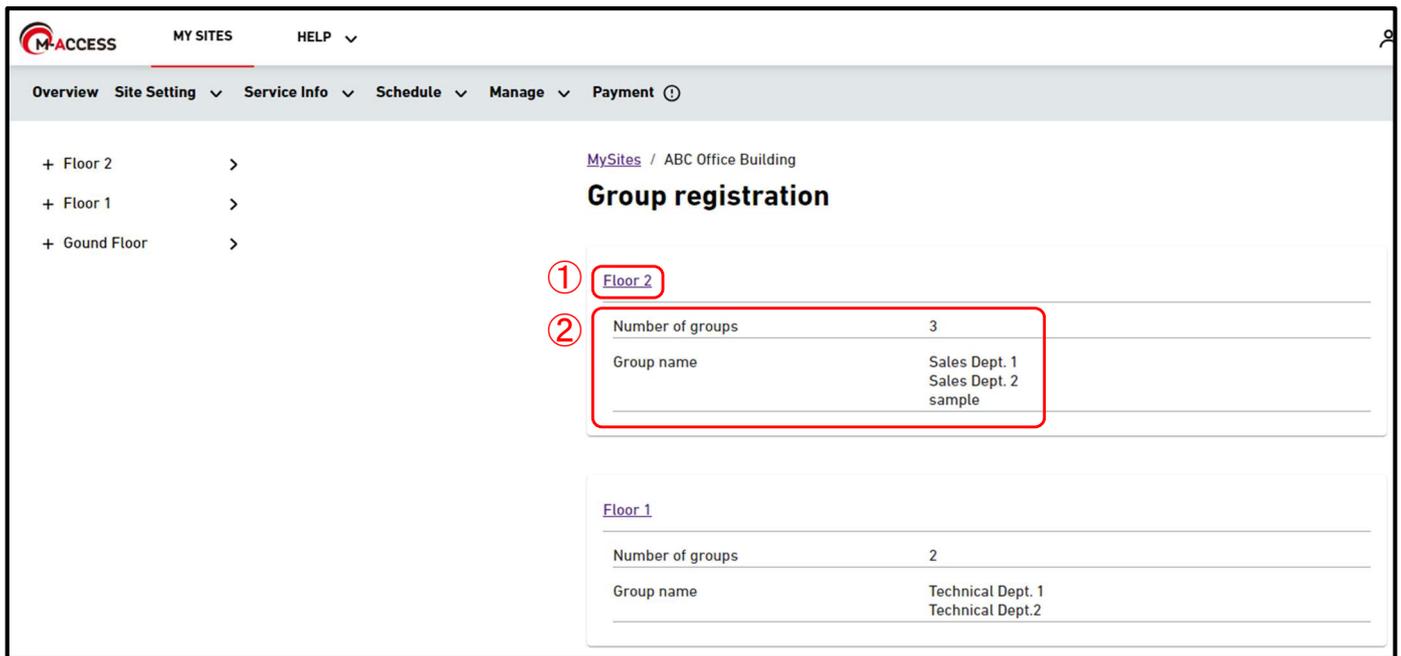
④ Warning thresholds (low/high)

Please set the warning criteria by temperature difference between the set temperature and the indoor unit temperature. Warning will be indicated by tooltip colour on the Hyozan monitoring screen display as follows:

- Temperature difference < Warning threshold (low) : Blue
- Warning threshold (low) ≤ Temperature difference ≤ Warning threshold (high) : Green
- Warning threshold (high) < Temperature difference : Orange

2.10. Air Conditioner Group Setting Screen - Floor List

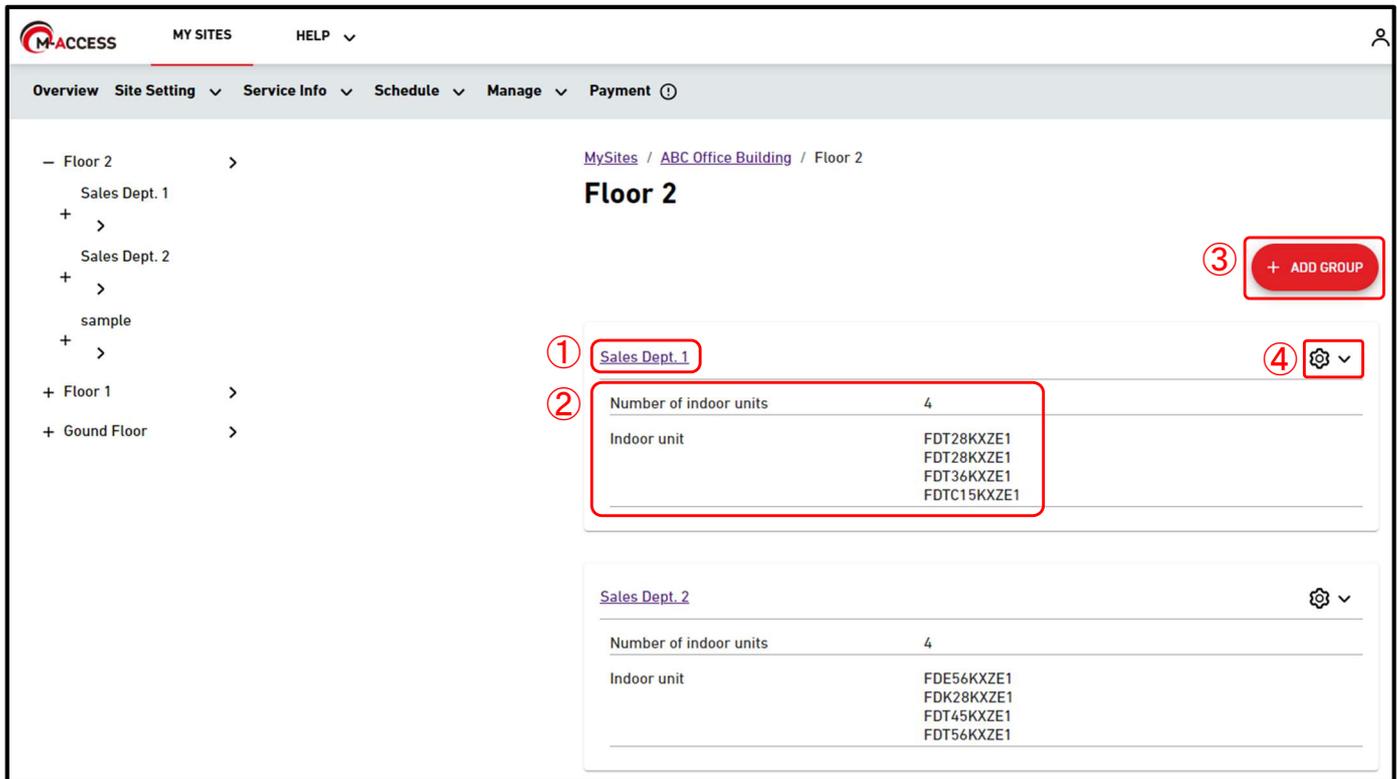
This screen is used to select the target floor when registering a group of an indoor unit.



- Click the floor name in ① to move to [2.8. Group Setting Screen - Group List].
- For each floor, the following items are displayed as shown in ②:
 - [Number of groups] Number of registered groups
 - [Group name] List of registered group names

2.10. Air Conditioner Group Setting Screen - Group List

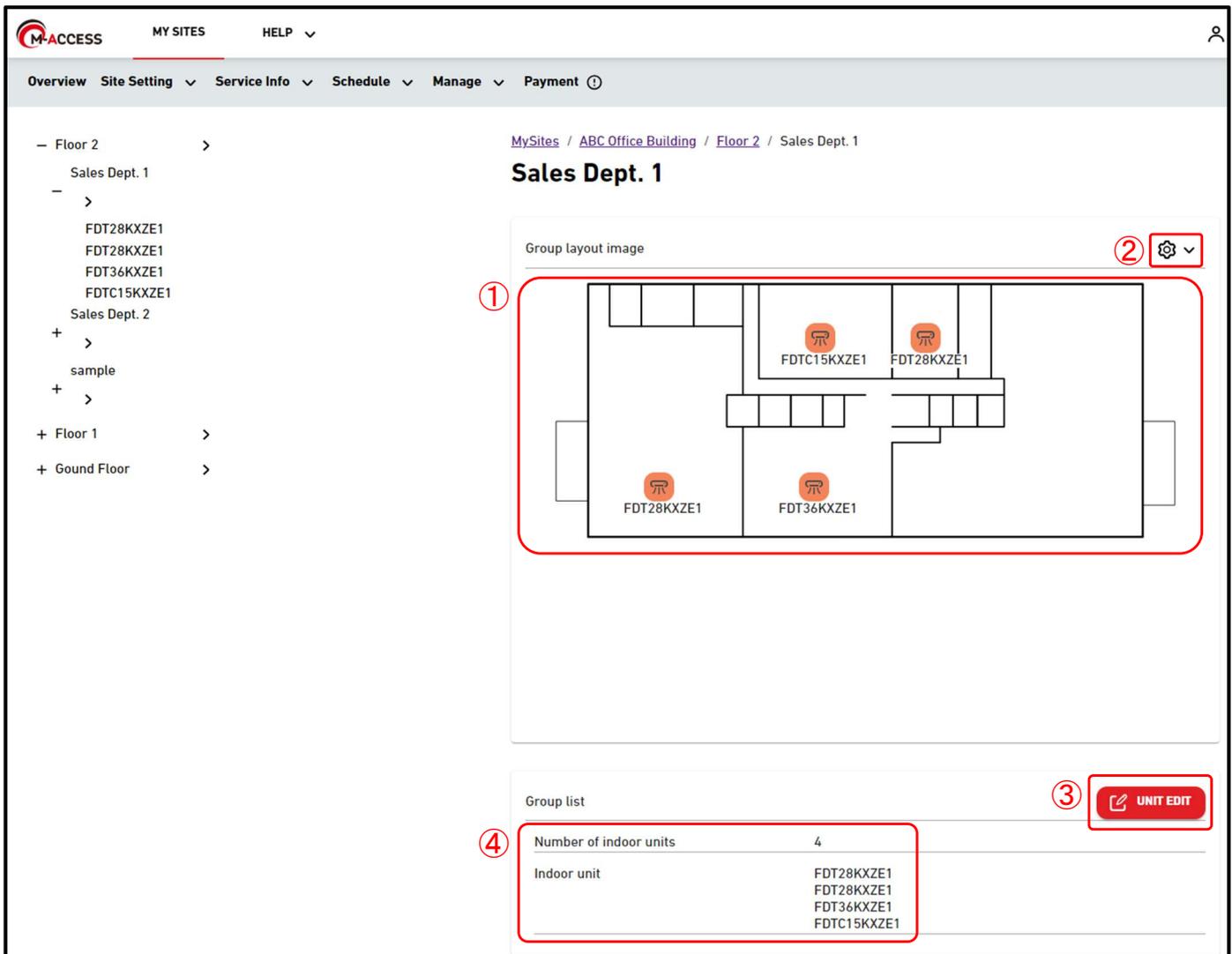
This screen is used to view, register, and set group information.



- Click the group name in ① to move to Layout setting screen.
- For each group, the following items are displayed as shown in ②:
 - [Number of indoor units] Number of indoor units that belong to the group.
 - [Indoor unit] List of indoor units that belong to the group.
- To add a group, click [ADD GROUP] in ③, and enter the group name.
- If you click the gear icon in ④, the following two buttons are displayed:
 - [Edit] Click this button to edit the group name.
 - [Delete] Click this button to delete the group.

2.10. Air Conditioner Group Setting Screen - Layout

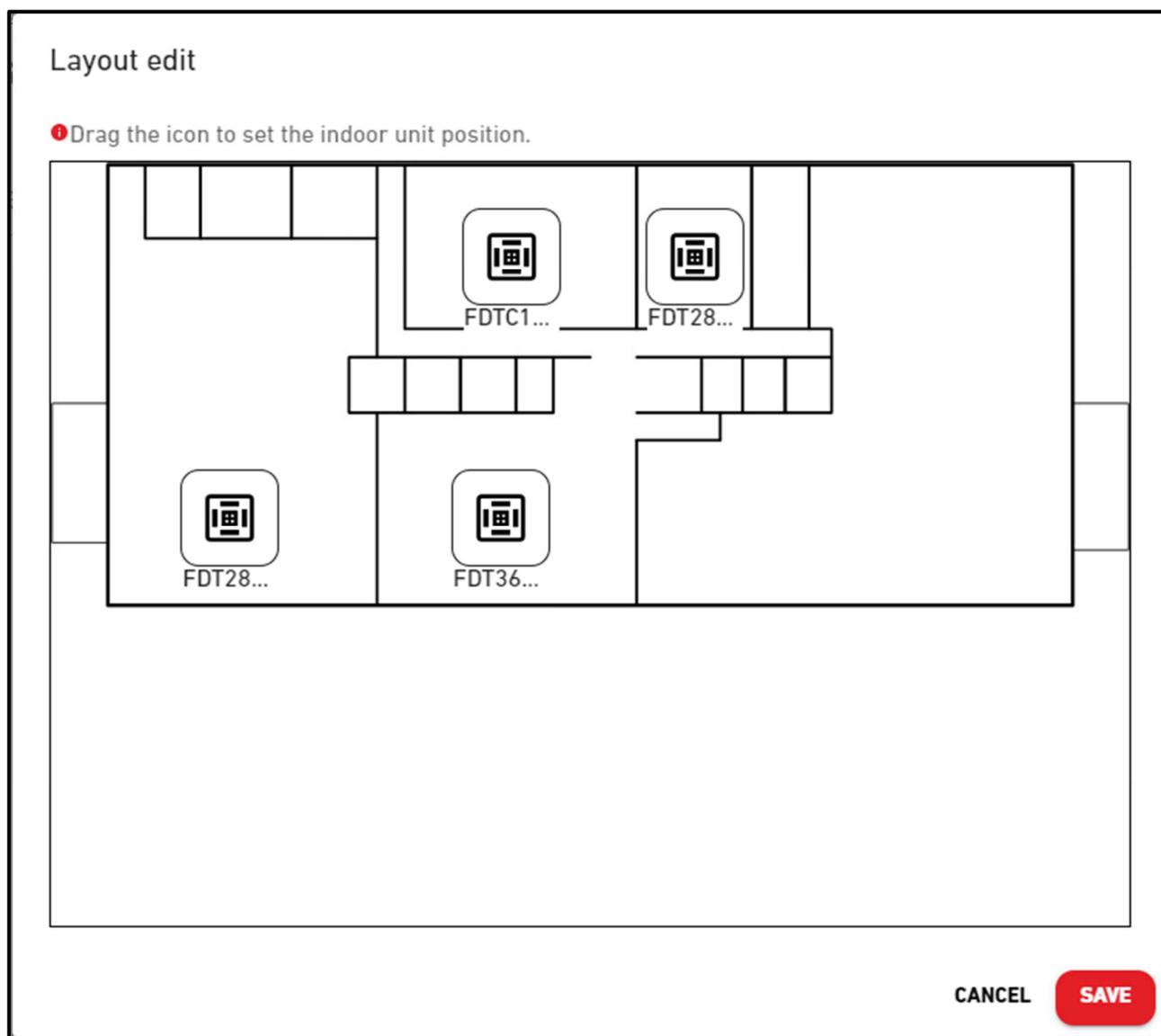
This screen is used to register an indoor unit in a group and make layout settings.



- ① displays the current layout settings.
- If you click the gear icon in ②, the following buttons are displayed:
 - [Upload image]
Click this button to upload a background image. The image to be used is restricted as follows:
 - Format: png or jpeg
 - Size: Less than 500KB
 - [Layout Setting]
Click this button to display the Layout Edit dialog on the following page.
 - [Delete image]
Click this button to delete the current image. This does not affect the layout settings.
- If you click [UNIT EDIT] in ③, the indoor units that do not belong to any group are listed among the indoor units registered in the same site. From this list, select the indoor unit you want to register in the group.
- ④ displays the following items:
 - [Number of indoor units] Number of indoor units that belong to the group.
 - [Indoor unit] List of installed indoor units

2.10. Air Conditioner Group Setting Screen - Layout

Layout edit dialog



The indoor unit layout procedure is as follows:

1. Drag the icon to set the indoor unit position.
2. If you click [SAVE], the dialog closes and the layout process will finish.

2.11. Hyozan Group Setting Screen - Group List

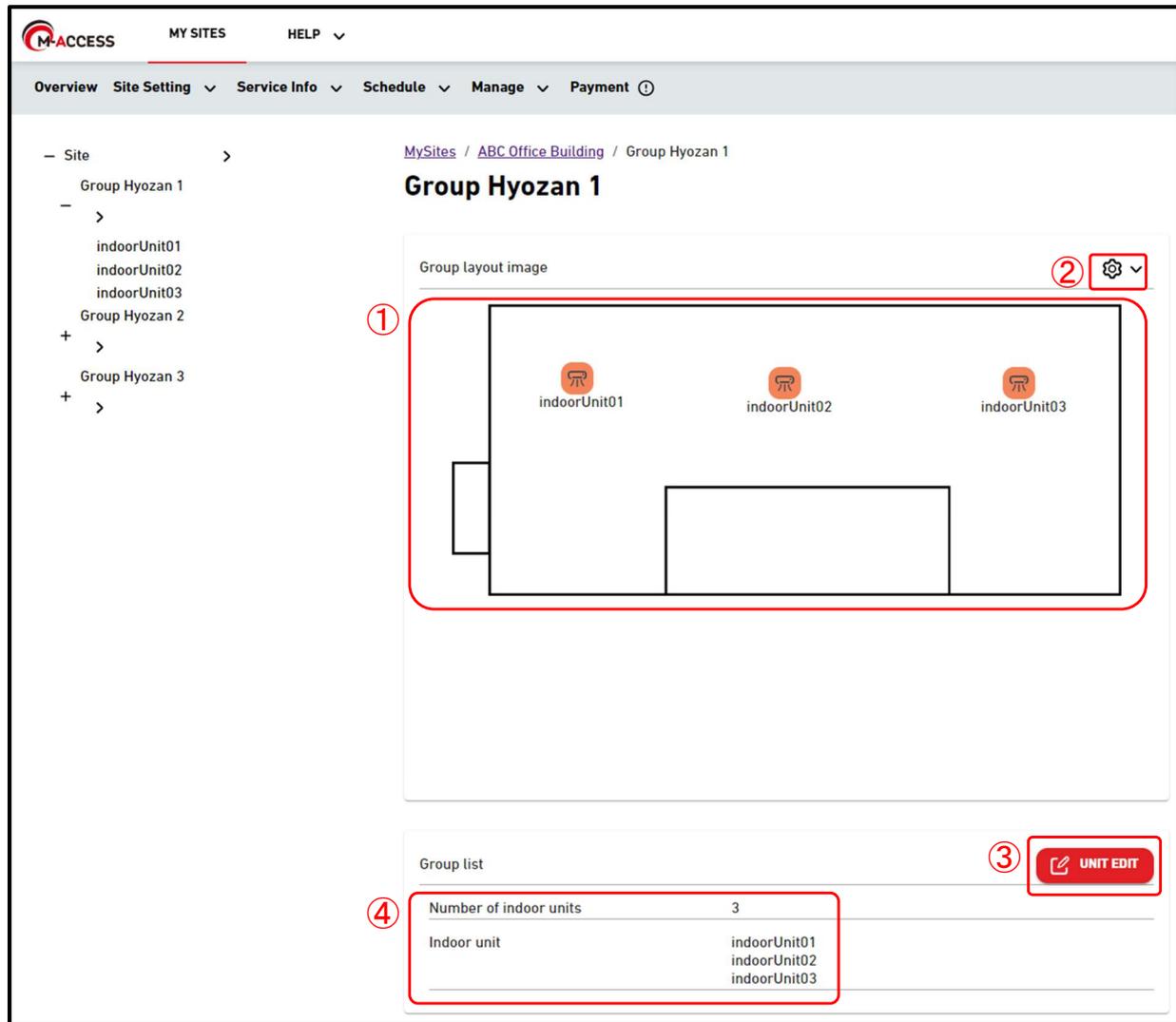
This screen is used to register an indoor unit of Hyozan in a group and make layout settings.

The screenshot shows the 'Hyozan group setting' screen. The top navigation bar includes 'M-ACCESS', 'MY SITES', and 'HELP'. Below it, there are tabs for 'Overview', 'Site Setting', 'Service Info', 'Schedule', 'Manage', and 'Payment'. The main content area is titled 'Hyozan group setting' and shows a list of groups. The first group, 'Group Hyozan 1', is highlighted with a red box and a circled '1'. To its right is a red button labeled '+ ADD GROUP' with a circled '3'. Below the group name is a table with two rows: 'Number of indoor units' with the value '3' and 'Indoor unit' with a list of 'indoorUnit01', 'indoorUnit02', and 'indoorUnit03'. A red box and a circled '2' highlight this table. To the right of the table is a gear icon with a dropdown arrow, circled with a '4'. Below this is another group, 'Group Hyozan 2', with a table showing 'Number of indoor units' as '2' and 'Indoor unit' as 'inDoorUnit6' and 'indoorUnit04'.

- Click the group name in ① to move to Layout setting screen.
- For each group, the following items are displayed as shown in ②:
 - [Number of indoor units] Number of indoor units that belong to the group.
 - [Indoor unit] List of indoor units that belong to the group.
- To add a group, click [ADD GROUP] in ③, and enter the group name.
- If you click the gear icon in ④, the following two buttons are displayed:
 - [Edit] Click this button to edit the group name.
 - [Delete] Click this button to delete the group.

2.11. Hyozan Group Setting Screen - Layout

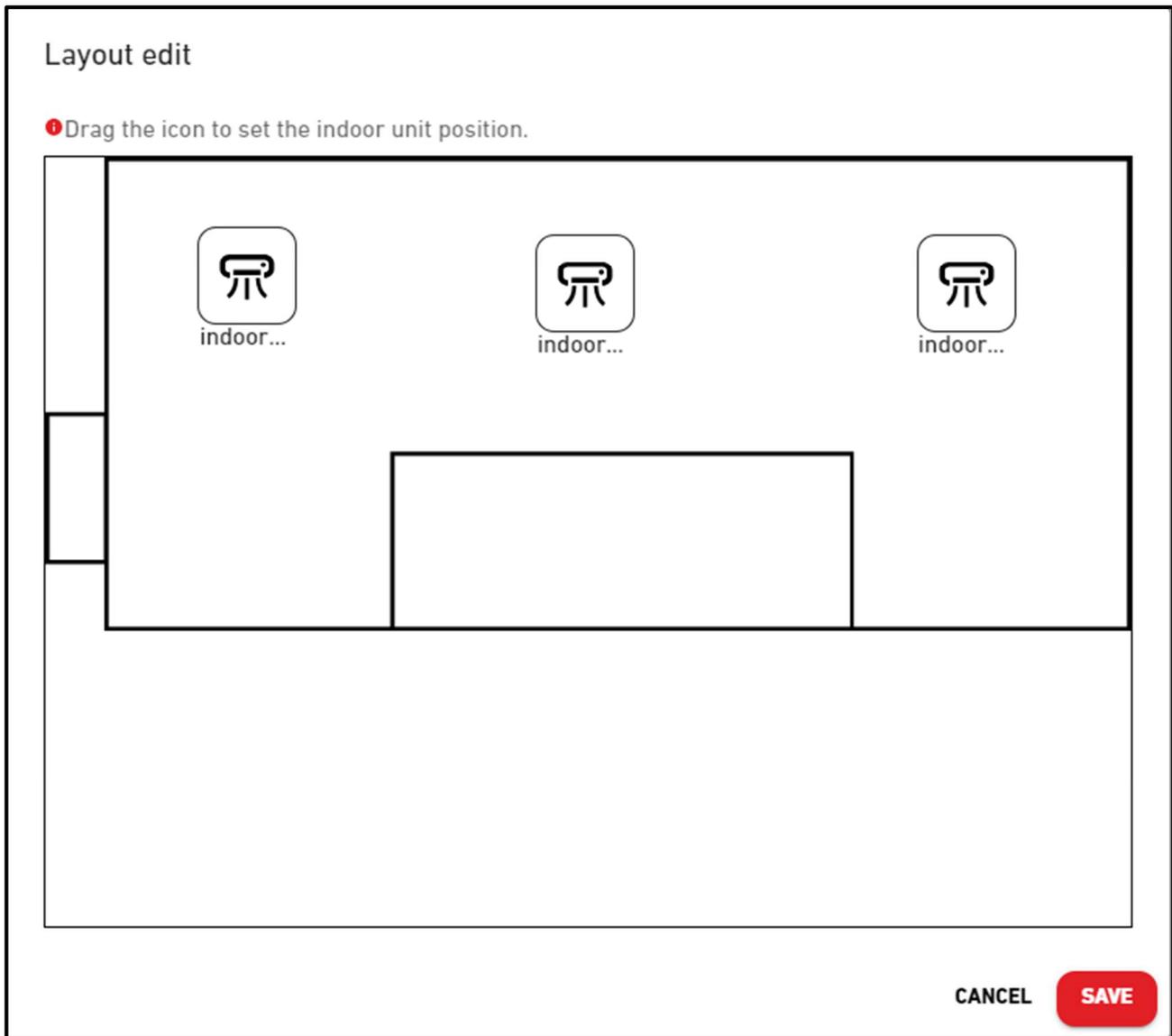
This screen is used to register an indoor unit of Hyozan in a group and make layout settings.



- ① displays the current layout settings.
- If you click the gear icon in ②, the following buttons are displayed:
 - [Upload image]
Click this button to upload a background image. The image to be used is restricted as follows:
 - Format: png or jpeg
 - Size: Less than 500KB
 - [Layout Setting]
Click this button to display the Layout Edit dialog on the following page.
 - [Delete image]
Click this button to delete the current image. This does not affect the layout settings.
- If you click [UNIT EDIT] in ③, the indoor units that do not belong to any group are listed among the indoor units registered in the same site. From this list, select the indoor unit you want to register in the group.
- ④ displays the following items:
 - [Number of indoor units] Number of indoor units that belong to the group.
 - [Indoor unit] List of installed indoor units

2.11. Hyozan Group Setting Screen - Layout

Layout edit dialog

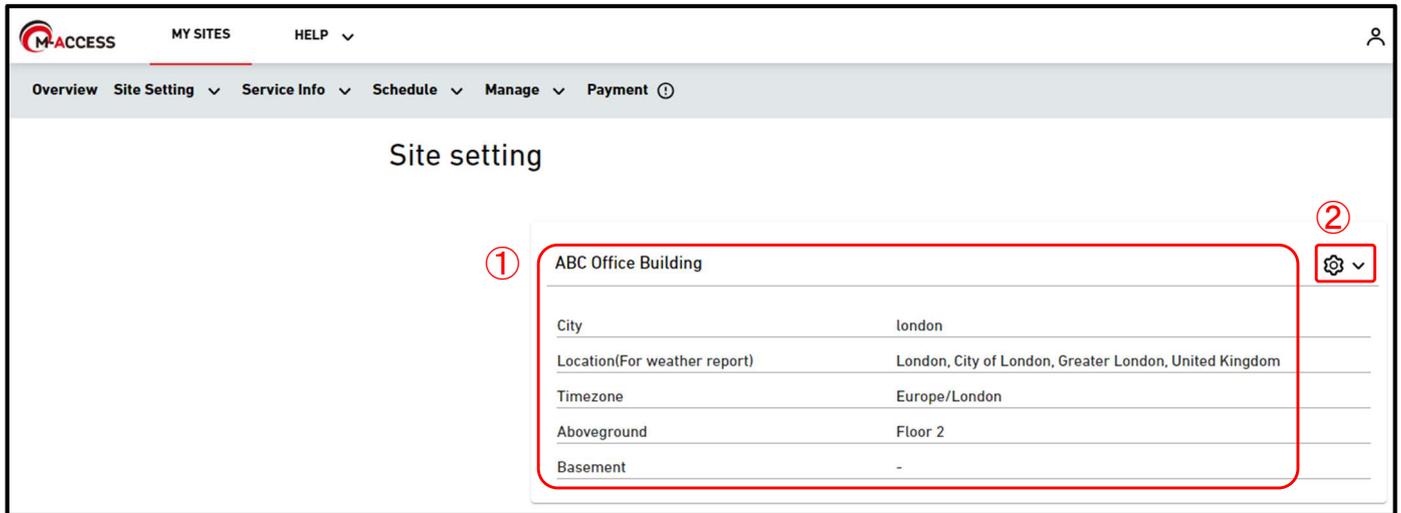


Please adjust the position of Hyozan indoor unit icon as follows:

1. Drag the icon to the position where you would like to put.
2. Click [SAVE] to apply icon position to the layout and the dialog closes.

2.12. Site Setting Screen

This screen is used to view, change the site profile.



- The following items are displayed as shown in ①.
 - [Site Name]
 - [City] The location of site
 - [Location(For weather report)] The location of site for weather report
 - [Timezone] Timezone area of site
 - [Aboveground] The number of aboveground floors
 - [Basement] The number of basement floors
- If you click the gear icon in ②, the following buttons are displayed:
 - [Edit]
Click this button to display the Edit site profile dialog on the following page.
 - [Delete]
Click this button to delete the site.
* The site can only be deleted when the [Payment status] of all gateways in the site is "Unpaid".

2.12. Site Setting Screen

Edit site profile dialog

Edit site profile

* is Required fields.

Site name*
ABC Building

City*
london

Location(For weather report)*
London, City of London, Greater London, ...

Timezone*
Europe/London

Aboveground*
2

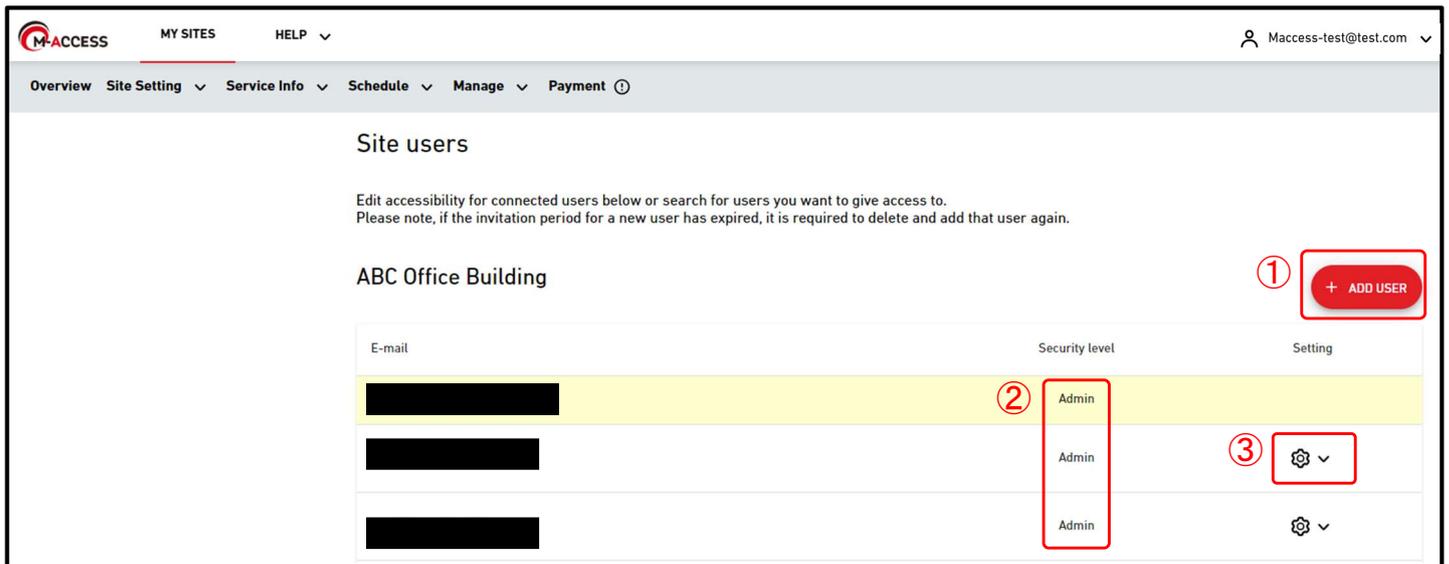
Basement*
-

CANCEL **SAVE**

- You can change the following items and click [SAVE] to change site information:
 - [Site Name] Enter the site name.
 - [City] Enter the site location.
 - [Location(For weather report)] Select the target city for weather information (search possible).
 - [Timezone] Select the site location area (search possible).
 - [Aboveground] Select the number of aboveground floors(*)
 - [Basement] Select the number of basement floors(*)
- (*) The allowable range is as follows:
- | | | |
|---------------|----------------------|---------------------------------------|
| [Aboveground] | Ground floor, 1 ~ 14 | (1st ~ 15th floors aboveground) |
| [Basement] | -, B1 ~ B4 | (No floors ~ four floors underground) |

2.13. Site Users Setting Screen

This screen is used to edit the accessibility of each account for the site.



On this screen, you can manage user accounts who have accessibility to the site.

- Click [ADD USER] in ①, enter the e-mail address and authorization, and click [OK]; you can send an invitation mail to the site. Up to 100 accounts can be registered in one site. For authorization, you can select "Admin", "Manager", or "Viewer". Permissions for accessing, operating, and viewing each screen based on user authorization are listed on the following page.
- ② shows the highest level of the authorization granted to each account.
- If you click the gear icon in ③, the following two buttons are displayed:
 - [Edit]
Click this button to display the Authorization Edit dialog on the following page.
 - [Delete]
Click this button to delete the account.

2.13. Site Users Setting Screen

List of permissions for accessing, operating, and viewing each screen based on user authorization

	Screen	Authorization			
		Admin	Manager	Viewer	None
Basic functions	MY SITES display	○	○	○	×
	Overview display	○	○	○	×
	Group layout display	○	○	○	×
	Graph display	○	○	○	×
	Remote control	○	○	×	×
	Add site	○	○	○	○
Service Info tab	Daily report	○	○	○	×
	Error history	○	○	○	×
	Transfer request	○	○	○	×
	Periodic report	○	×	×	×
	Operation data history	○	○	○	×
	Service history	○	×	×	×
Schedule tab	Yearly calendar	○	○	×	×
	Today's schedule	○	○	×	×
	Schedule template	○	○	×	×
Manage tab	Energy saving control	○	×	×	×
	Demand control	○	×	×	×
	Logic control function	○	×	×	×
Site setting tab	Gataway / Unit setting	○	×	×	×
	Air conditioner group setting	○	×	×	×
	Hyozan group setting	○	×	×	×
	Site setting	○	×	×	×
	Site user setting	○	×	×	×
Payment tab	Payment	○	×	×	×

○: It is possible to view screens, operate and change settings.

×: It is not possible to view screens, operate and change settings.

- When you are an admin user, you will have admin authorization to all air conditioning units and heat source units.
- If you are not an admin user, you can set the authorization for each group for air conditioning units, whereas the viewer or none authorization can be set for heat source units as a common setting.

2.13. Site Users Setting Screen

User authorization setting dialog

User authorization setting

E-mail address :
Maccess-test@test.com

① Administrator privileges :
 Admin

Q-ton/Hyozan/Hydrolution PRO :
Q-ton/Hyozan/Hydrolution PRO Viewer None

Air conditioner :

Floor 2

Floor 1

Gound Floor

CANCEL

User authorization setting

E-mail address :
Maccess-test@test.com

① Administrator privileges :
 Admin

Q-ton/Hyozan/Hydrolution PRO :
Q-ton/Hyozan/Hydrolution PRO Viewer None

Air conditioner :

Floor 2

All:

Sales Dept. 1 Manager Viewer None

Sales Dept. 2 Manager Viewer None

Floor 1

All:

Technical Dept. 1 Manager Viewer None

Technical Dept. 2 Manager Viewer None

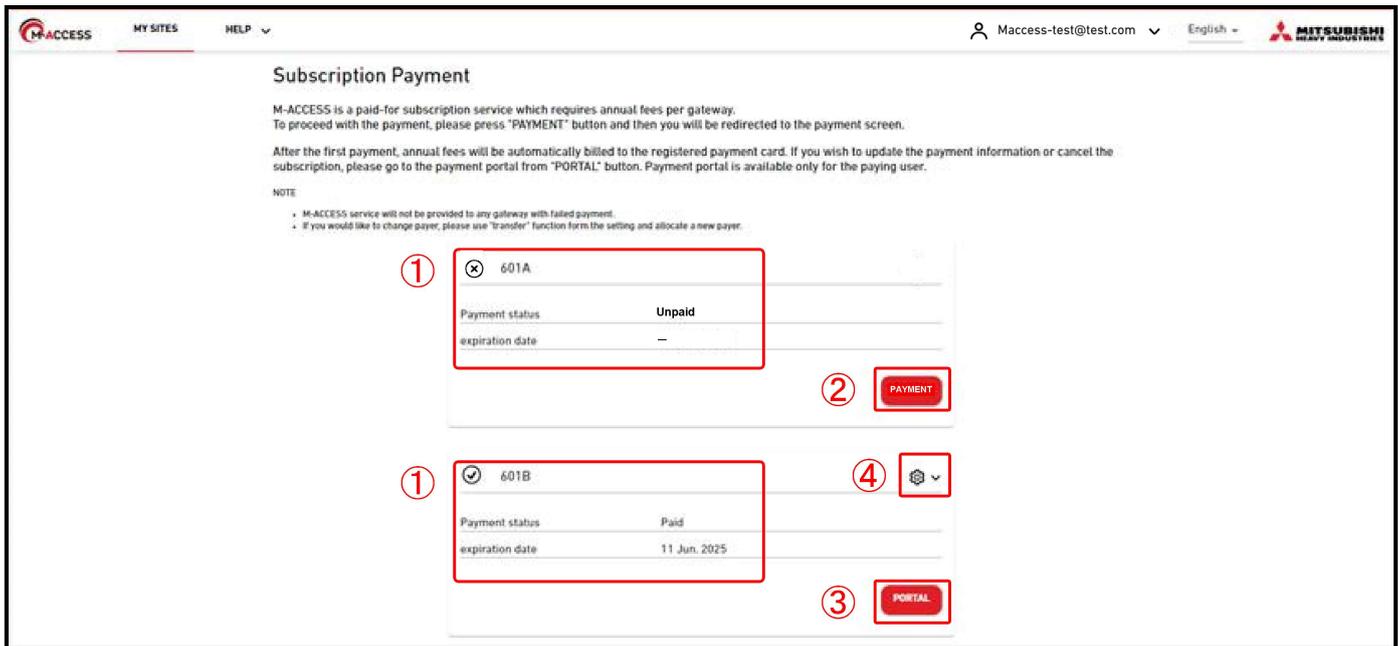
Gound Floor

CANCEL

- For an air conditioner, you can set the security level for each floor or group. The setting values are as follows:
 - [Manager] Monitoring and commanding are possible.
 - [Viewer] Monitoring is possible.
 - [None] The applicable floor and group are not displayed.
- For Q-ton/Hyozan/Hydrolution PRO, you can set the security level for each unit type. The setting values are as follows:
 - [Viewer] Monitoring is possible.
 - [None] The applicable unit is not displayed.
- The initial values are set as follows depending on the authorization you specified when adding a user:
 - [Admin] All the air conditioners are set with Manager privileges. All Q-ton/Hyozan/Hydrolution PRO units are set with Viewer privileges. The "valid" check box is selected in "Administrator privileges:" of ①.
 - [Manager] All the air conditioners are set with Manager privileges. All Q-ton/Hyozan/Hydrolution PRO units are set with Viewer privileges.
 - [Viewer] All the air conditioners and Q-ton/Hyozan/Hydrolution PRO units are set with Viewer privileges.
- If the "valid" check box is selected in ①, all the air conditioners are set with Manager privileges, and all Q-ton/Hyozan units are set with Viewer privileges, so you cannot make the individual setting.

2.14.Subscription Payment Screen

In this screen, you can make payments for subscriptions for each gateway and check the payment status.



About subscription

- The subscription fee for M-ACCESS is charged on an annual basis per gateway.
- Once the subscription fee is paid, the M-ACCESS and gateway functionalities will become active.
- After the first payment, annual fees will be automatically billed to the registered payment card.
- If you wish to update the payment information or cancel the subscription, please go to the payment portal from "PORTAL" button. Payment portal is available only for the paying user.

About Paying user

- Users who have made their first payment is considered as "Paying user".
- Only Paying users have access to the "PORTAL" and can check their payment history and make changes to their payment information.
- The authority of Paying user remains valid until the end of the subscription period.
- The authority of Paying user can be transferred to other Admin user.

Please note the following:

- If multiple gateways are connected, a separate subscription payment is required for each gateway.
- If the payment processing fails when the subscription period updates, an error will be displayed. If payment is not made within a certain period after the payment failure, the M-ACCESS and gateway functionalities will be stopped.
- Paying user cannot delete its account until the end of the subscription period. If you wish to delete your account, please transfer the authority to another Admin user.

2.14.Subscription Payment Screen

- For each gateway, the following items are displayed as shown in ①.

[Payment status]	Payment status of gateway
[Expiration date]	Subscription expiration date.

Annual fees will be automatically billed to the registered payment card when the current subscription period ends.
- Gateways in unpaid status display a [PAYMENT] button in ②. Clicking the [PAYMENT] button will redirect to an external payment screen.

Only for paying user

- [PORTAL] button in ③ will be shown if the subscription of the gateway was paid by your account. Clicking the [PORTAL] button will redirect to an external portal site (provided by Stripe) where payment related information can be viewed.
- There will be gear icon shown if the subscription of the gateway was paid by your account. The following settings can be accessed from the gear icon:
 - [Transfer payment authority]
Click this button to display the Transfer of payment authority dialog.
The authority of Paying user can be transferred to other Admin user.
 - [Apply coupon code]
Click this button to display the Apply coupon code dialog.
You can enter a coupon code to apply for the next payment.
 - [Update VAT number]
Click this button to display the Update VAT number dialog.
You can change your VAT number.

2.14.Subscription Payment Screen

Payment procedure to start subscription

The payment procedure for subscriptions is as follows:

1. Set the Company's registration country in [User settings].
Country setting is required for payment user.



User settings

Country setting (required for payment user)

① Company's registration country  ▼

Country United Kingdom

2. Click on the [PAYMENT] button on the payment screen.



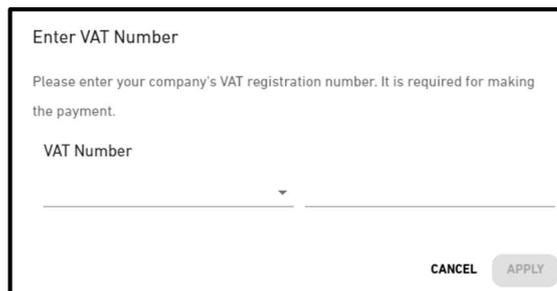
⊗ GW001

Payment status Unpaid

Expiration date --

② PAYMENT

3. Enter the VAT number in the dialog.



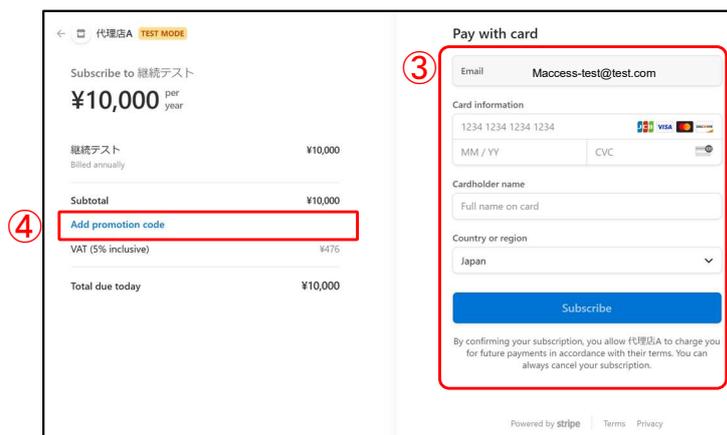
Enter VAT Number

Please enter your company's VAT registration number. It is required for making the payment.

VAT Number

CANCEL APPLY

4. Input the payment information on the payment screen and complete the payment in ③.
You can apply coupon code from ④.



← 代理店A TEST MODE

Subscribe to 継続テスト

¥10,000 per year

継続テスト ¥10,000
Billed annually

Subtotal ¥10,000

④ Add promotion code

VAT (5% inclusive) ¥475

Total due today ¥10,000

③ Pay with card

Email Maccess-test@test.com

Card information
1234 1234 1234 1234
MM / YY CVC

Cardholder name
Full name on card

Country or region
Japan

Subscribe

By confirming your subscription, you allow 代理店A to charge you for future payments in accordance with their terms. You can always cancel your subscription.

Powered by stripe Terms Privacy

5. Upon transitioning to M-ACCESS, you can confirm the completion of the payment.

2.14.Subscription Payment Screen

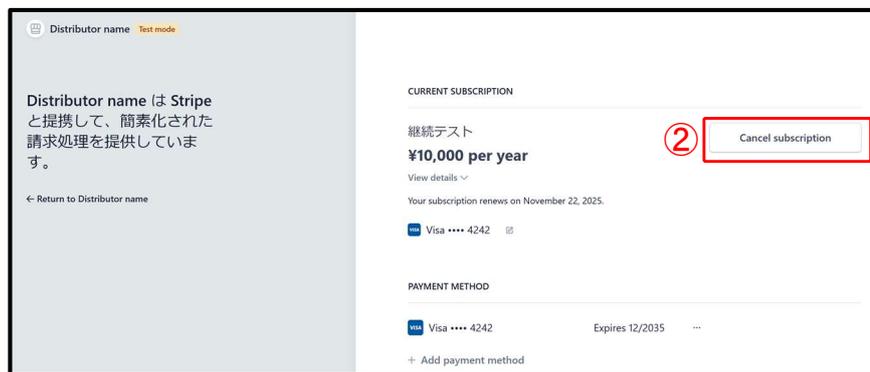
Procedure to cancel the subscription

To cancel the subscription, please follow the steps below :

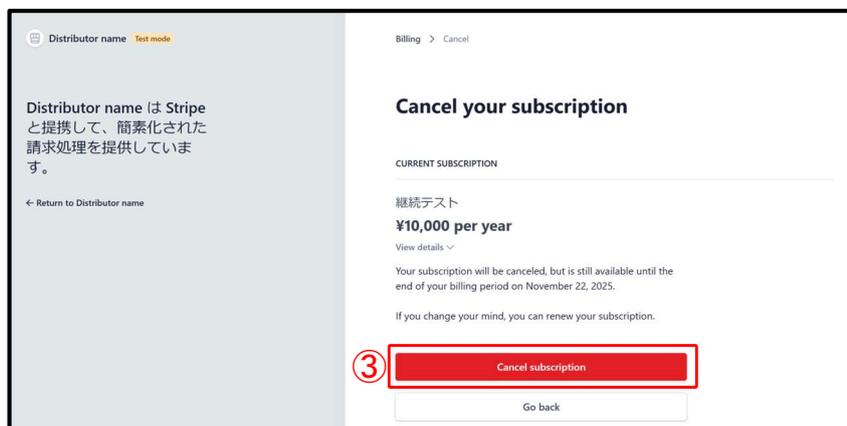
1. Click on the [PORTAL] button on the payment screen, then you will be forwarded to the Payment portal.



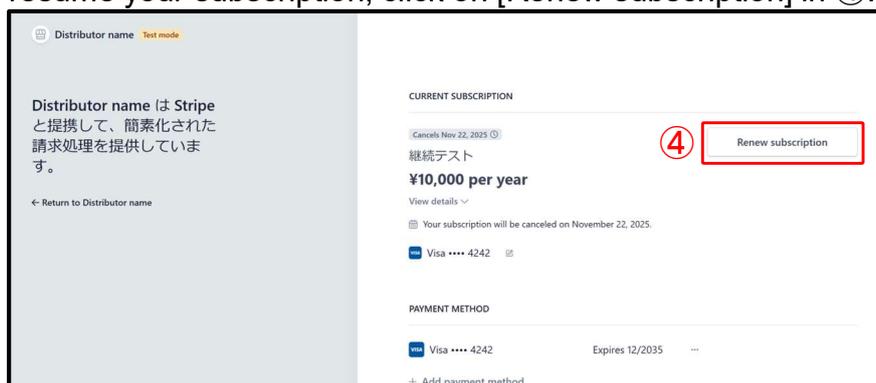
2. Please click [Cancel subscription] shown in ② for the subscription you would like to cancel.



3. After confirming the cancellation summary, click [Cancel subscription] in ③. Your subscription will be terminated at the end of current subscription period and will not be automatically charged.



4. You can check the current status of your subscription from the Payment portal. If you wish to resume your subscription, click on [Renew subscription] in ④.



2.14.Subscription Payment Screen

Transfer of payment authority dialog

You can specify the Admin account to which you would like to grant payment authority. Payment authority will be transferred when the designated user account approve its request.

Please note that the authority can only be transferred to users with the same setting of Company's registration country.

The following information will be transferred:

- Payer information:
 - Payer's company address
 - Company VAT number
- Past payment history:
 - Invoice
 - Receipt

The following information will not be transferred:

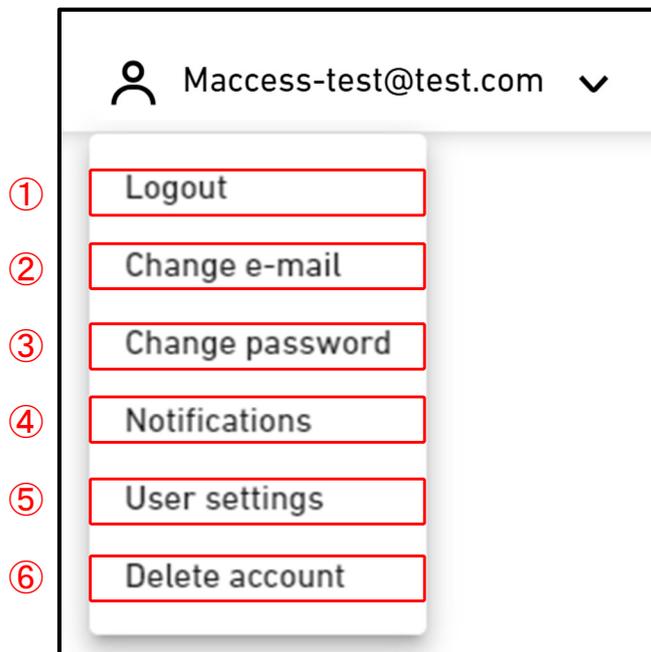
- Payer information:
 - Payer's name
 - Payer's email address
 - Payment card information

You can follow these steps to transfer authority:

1. Select the user to whom you would like to transfer the authority in ①.
2. Click on [TRANSFER] in ② to send an authority transfer request. Email will be sent to the selected user to notify this request.
3. Click on ③ "RECEIVE PAYMENT AUTHORITY" button which will appear on the screen of the user who received the authority transfer request.
4. Click on ④ "ACCEPT" button to approve the authority transfer request.

2.15. Account Setting Menu

This menu is used to make various settings regarding the account that is currently logged in. To display this menu, click the down arrow icon on the right of the e-mail address at the top right of the screen.



The setting items are as follows:

- ① Logout
Click this to log out and move to [1.1. Login Screen].
- ② Change e-mail
Click this to move to [2.16. Change e-mail Screen].
- ③ Change password
Click this to move to [2.17. Change password Screen].
- ④ Notifications
Click this to move to [2.18. Notifications Screen].
- ⑤ User settings
Click this to move to [2.19. User settings Screen].
- ⑥ Delete account
Click this to move to [2.20. Delete account Screen].

2.16. Change e-mail Screen

This screen is used to change the e-mail address of the account.

Change e-mail

Use the form below to change your e-mail address.

① Current password

② New e-mail address

Confirm new e-mail address

CHANGE E-MAIL

The change procedure is as follows:

1. Enter the following items, and click [CHANGE E-MAIL]. You need to enter all items.
 - ① Password the user is currently using
 - ② E-mail address you want to newly register
2. An e-mail containing the URL for confirmation is sent to the e-mail address you entered in
 - ②. Accessing this URL completes the change.

2.17. Change password Screen

This screen is used to change the password you use when logging in to the account.

Change password

Use the form below to change your password.

①

②
The password must be at least 10 characters long including the following. At least one lowercase and uppercase character, a number and a symbol. It must not include any details of your email address.

To change the password, enter the following items, and click [CHANGE PASSWORD]. You need to enter all items.

① Password the user is currently using

② New password

The password must be at least 10 characters long including the following; At least one lowercase and uppercase character, a number and a symbol. It must not include any details of your email address.

2.18. Notifications Screen

This screen is used to set the conditions for sending notifications.

Notifications

We'll let you know when something happened to your site.
Just tick the box below to receive the notification e-mail.

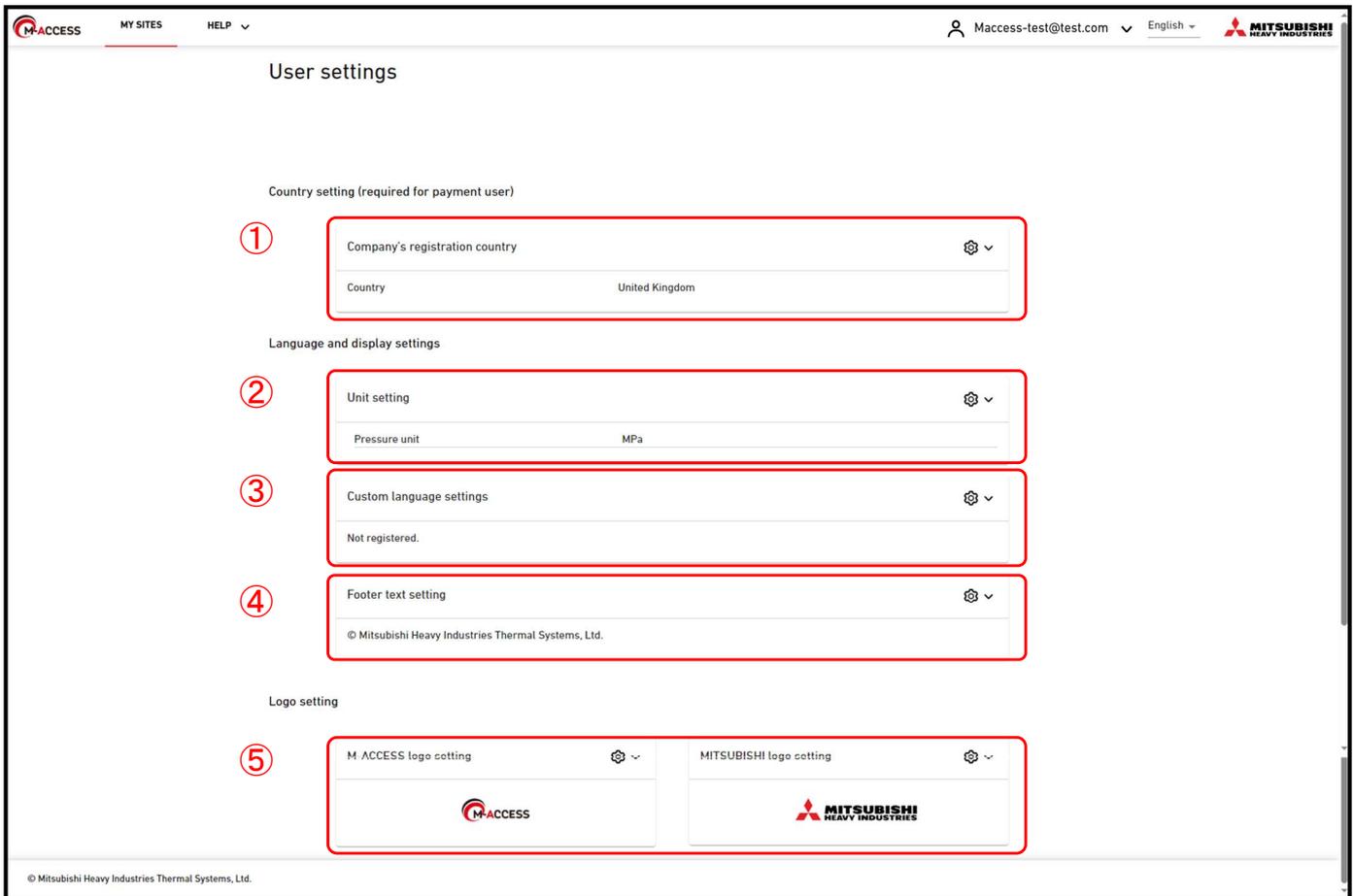
- Receive the error notification for the site that you are registered as "Admin."
- Receive the error notification for the site that you are registered as "Manager" or "Viewer."
- Receive the maintenance notification for the site that you are registered as "Admin".
- Receive the notification when new user is invited for the site that you are registered as "Admin."

SAVE

If the selected conditions are satisfied, a notification is sent to the registered e-mail address.

2.19. User Setting Screen

This screen is used to configure user settings.



On this screen, you can make the following user settings:

To make changes or initialize, please click on the gear icon next to each item.

- ① **Company's registration country settings (only required for paying user)**
Register your company's country information which is required for subscription payments. If you are not making any payments, it is not necessary to set this.
- ② **Unit setting**
You can choose the unit for pressure to be used in M-ACCESS : MPa or bar.
- ③ **Custom language settings**
You can download the template for custom language and upload the edited file. After uploading the custom language, please select it from the top right corner of the screen. Please refer to the Appendix 4 for instructions on how to edit the file.
- ④ **Footer text setting**
You can change the company name display at the bottom left of the screen.
- ⑤ **Logo settings**
You can change the logo at the top left and right of the screen.

You can revert the changes made to the footer and logo by clicking on the "Initialise" option from the gear icon.

2.20. Delete account Screen

This screen is used to delete an account.

Delete account

Are you sure you want to delete your account?
You'll lose access to all the building site linked to you,
and the account information will be completely removed from our system.
Please proceed with utmost caution.

①

- To delete an account, correctly enter the password currently used by the user in ①, and click [DELETE ACCOUNT].
- If the account you want to delete is the only Admin user that is registered on a specific site, a warning is displayed, preventing you from deleting it.

[NOTE]

- It is prohibited to delete your account if you have an active subscription(paying user). If you wish to delete your user account, please cancel the next subscription payment and wait for the termination of the current subscription period. After the current subscription period has ended, please delete the account again. Alternatively, you can transfer the payment authority to another user account.

Appendix



Appendix 1 : Icon List

Air conditioner (indoor unit)

On Operation Screen

Run/Stop state(*1)		Operation mode				
On	Off	Auto	Cooling	Heating	Fan	Dry
						

On Group Layout Screen

Operating status(*1)					
Off	Auto	Cooling	Heating	Fan	Dry
					

(*1) The icons used are determined by the Unit type setting.
The icons for each Unit type are as follows:

Icon for each Unit type					
AC General	4way Cassette	2way Cassette	1way Cassette	Ceiling Suspended	Floor Standing
					
Floor Standing Console	Wall Mounted	Duct Connected	Ventilation	Lighting	
					

Q-ton

On Operation Screen

State	
On	Off
	

On Data Display Screen

Power		
On	Off	Pause
		

Appendix 1 : Icon List

Hyozan(Outdoor unit and Indoor unit)

On Operation Screen, Data Display Screen, Group Layout Screen

State	
On	Off
	

Hydrolution PRO

On Operation Screen

State	
On	Off
	

On Data Display Screen

Power	
On	Off
	

Operation mode	
Cooling	Heating
	

Error

Error occurrence


Payment error occurrence


Connection NOT established(*2)


(*2)

- Check the connection between indoor unit and gateway.
- Check the network connection of gateway.
- Make sure you click "CONFIG UPDATE" on gateway setting screen after new units are registered.

Appendix 2 : Schedule setting file

The rules for editing configuration file used in the schedule template setting are as follows. If the uploaded file does not follow these editing rules, an error message will be displayed.

[Rules for each column]

The input rules for each column are shown in the following table.

Column	Label Name	Rules for input value and content
A	Time	From "00:00" to "23:59"
B	Power	"on" or "off"
C	Mode	"auto", "cooling", "heating", "fan", "dry"
D	Set temperature	From "18" to "30" in 0.5 increments (Heating mode: From "16" to "30" in 0.5 increments)
E	Fan speed	"auto", "low", "medium", "high", "powerful"

[Other general rules for the configuration file]

- Do not change the number of columns in the CSV file.
- Do not change the label name in the first row.
- Make sure there is no blank lines.
- The schedule can have a maximum of 16 entries. The configuration file cannot exceed 17 lines (a maximum of 17 lines including the label plus 16 schedule entries).
- Do not set multiple schedules for the same time (column A).
- The time setting (Column A) is required. Furthermore, ensure that at least one of the columns from column B to column E is filled.

Appendix 3 : Collective setting file

The rules for editing configuration file used in the Collective setting file are as follows.
If the uploaded file does not follow these editing rules, an error message will be displayed.

[Rules for each column]

The input rules for each column are shown in the following table.

Column	Label Name	Rules for input value and content
A	sl-system	"1" or "2"
B	outdoor-unit-name	Equal or less than 32 characters
C	outdoor-unit-address	From "0" to "31" (Superlink(Previous) : From "0" to "47")
D	outdoor-unit-input-voltage	From "0" to "999"
E	outdoor-unit-power-supply	"singlePhase" or "threePhase"
F	master-outdoor-unit	From "0" to "31", or "None" (Superlink(Previous) : From "0" to "47", or "None")
G	indoor-unit-name	Equal or less than 32 characters
H	indoor-unit-address	From "0" to "127" (Superlink(Previous) : From "0" to "47")
I	indoor-unit-type	"AC General", "4way Cassette", "2way Cassette", "1way Cassette", "Ceiling Suspended", "Floor Standing", "Floor Standing Console", "Wall Mounted", "Duct Connected"
J	interface-unit-name	Equal or less than 32 characters
K	interface-unit-address	From "0" to "127" (Superlink(Previous) : From "0" to "47")
L	interface-unit-type	"AC General", "4way Cassette", "2way Cassette", "1way Cassette", "Ceiling Suspended", "Floor Standing", "Floor Standing Console", "Wall Mounted", "Duct Connected" "Ventilation", "Lighting"
M	interface-type	"SC-ADNA-E" or "other"
N	interface-unit-input-voltage	From "0" to "999"
O	interface-unit-power-supply	"singlePhase" or "threePhase"

[Other general rules for the collective setting file]

- Do not change the number of columns in the CSV file.
- Do not change the label name in the first row.
- Make sure there is no blank lines.
- Do not enter the air conditioner settings (columns B to I) and interface settings (columns J to O) simultaneously on a single line.
- Ensure that the outdoor unit address (column C) does not duplicate within the same Superlink system (column A).
- The indoor unit address (column G) and IF address (column K) should not be duplicated within the same Superlink system (column A).
- When configuring the indoor units connected to the same outdoor unit, please enter the same content in columns A to F (outdoor unit settings).

Appendix 4 : Custom language file

The rules for editing custom language file are as follows.

If the uploaded file does not follow these editing rules, the language file will not be applied correctly.

[Rules for each column]

The input rules for each column are shown in the following table.

[Other general rules]

- Do not change the label name in the first row.

[NOTE]

It is highly recommended to keep your custom language file for future update.

It is not possible to download the updated custom language file once after uploading the file.

Column	Contents	Rules for editing file
A	Language key	Do NOT change. Sentences using improper key will not be shown correctly.
B	Localized sentence	By default, English sentence are entered. Please overwrite the sentence to the one you would like to display on the screen.