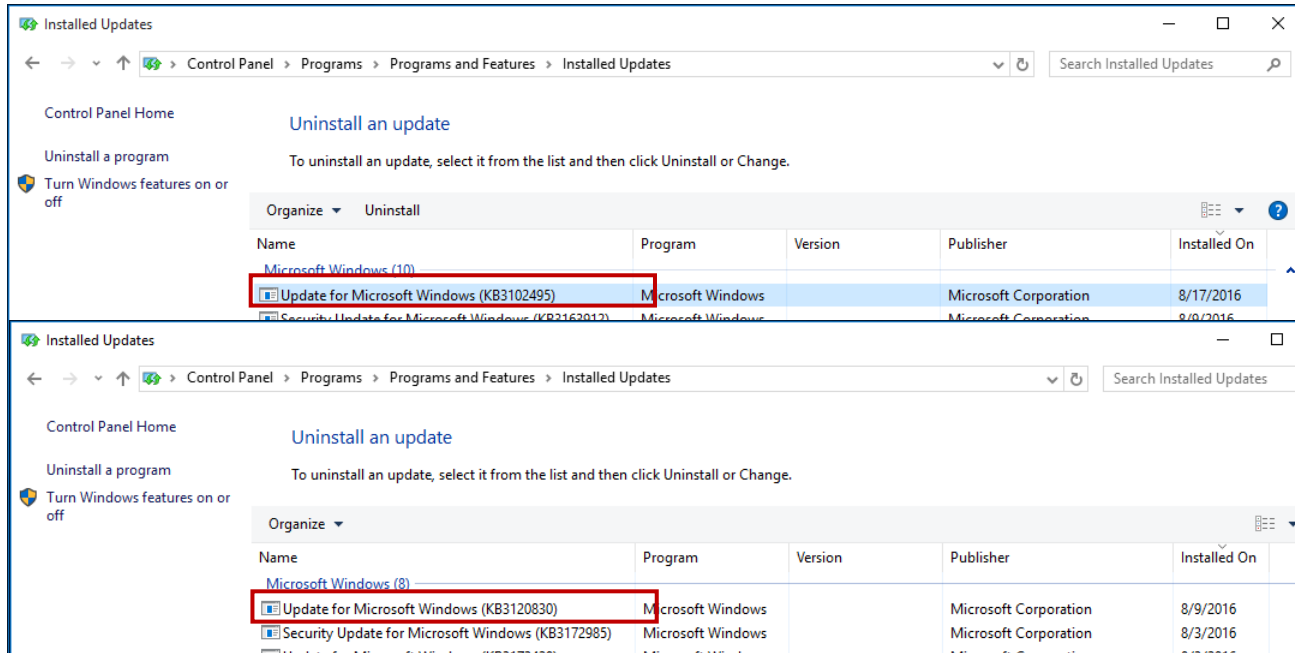


FUJITSU GENERAL Design Simulator (FGDS)software





To start this software, Microsoft. Software named ".Net Framework4.6.1" is necessary.

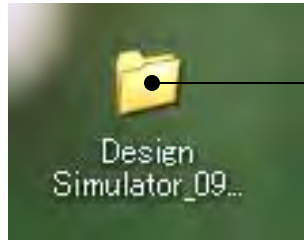
Please confirm whether there is software in the program that exists in the control panel of your PC.

If it is not installed, the installation method is described on the following website.

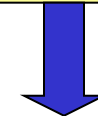
<https://www.microsoft.com/en-US/download/details.aspx?id=49982>

Refer to the following to install Design Simulator.

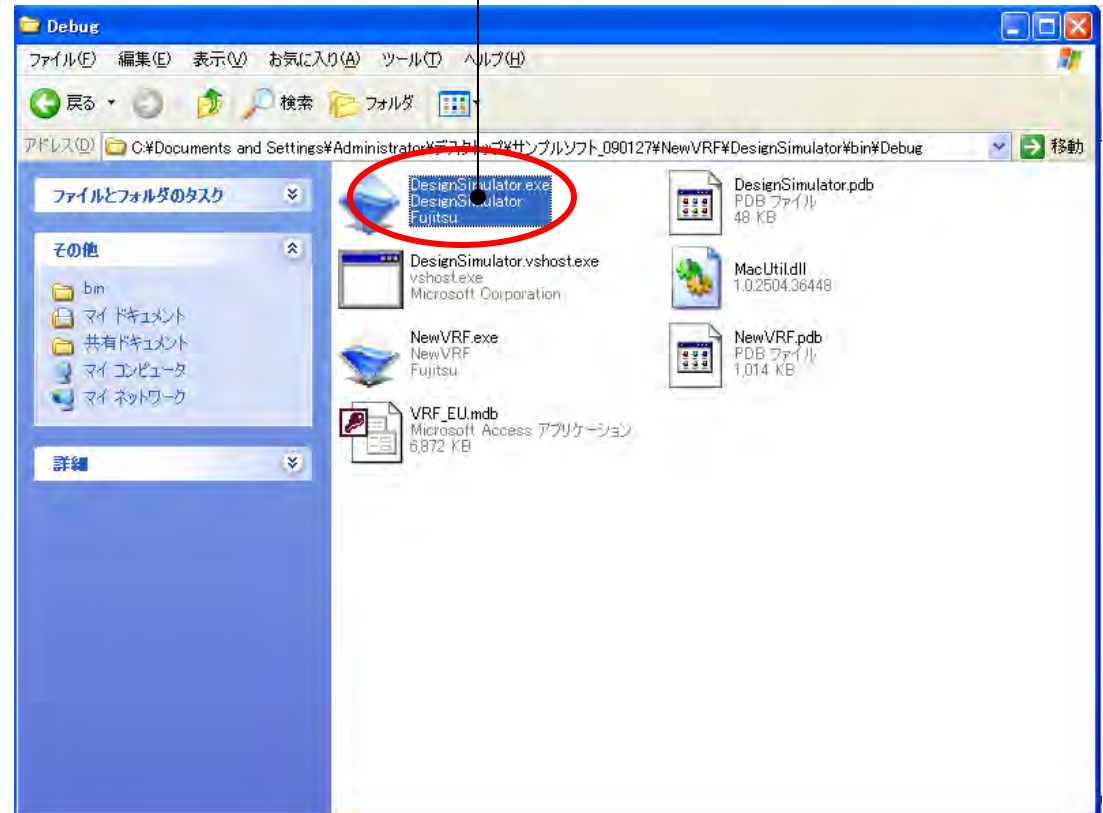
https://ssl.fujitsu-general.com/global/support/tool/data/appendix_vrf/20170525/ds_install-manual.pdf



Download from Design Simulator folder



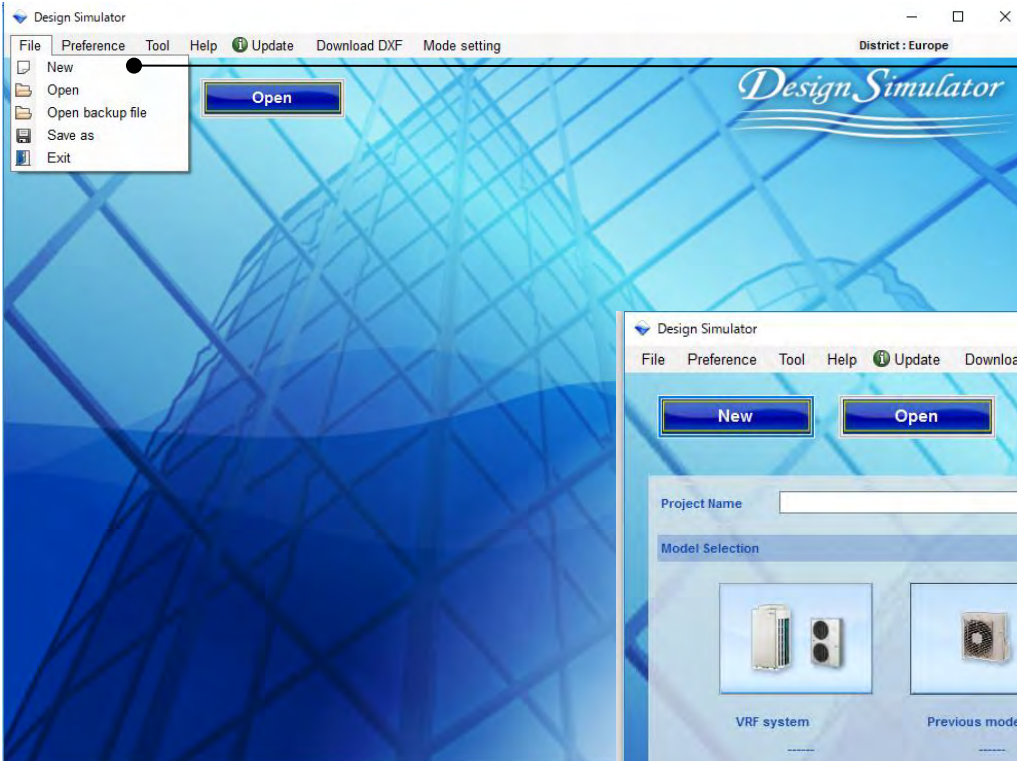
Click Design Simulator exe.



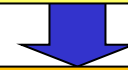
Initial settings (File)

Design Simulator

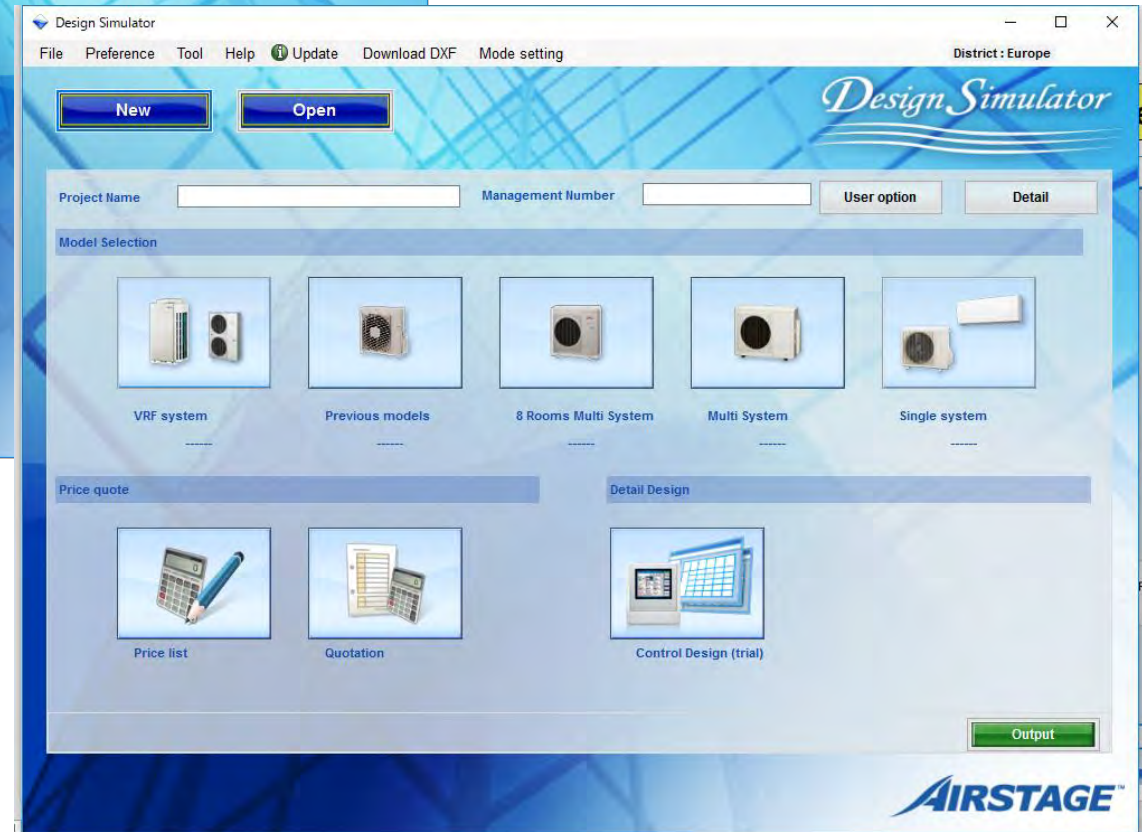
New



Select "New"



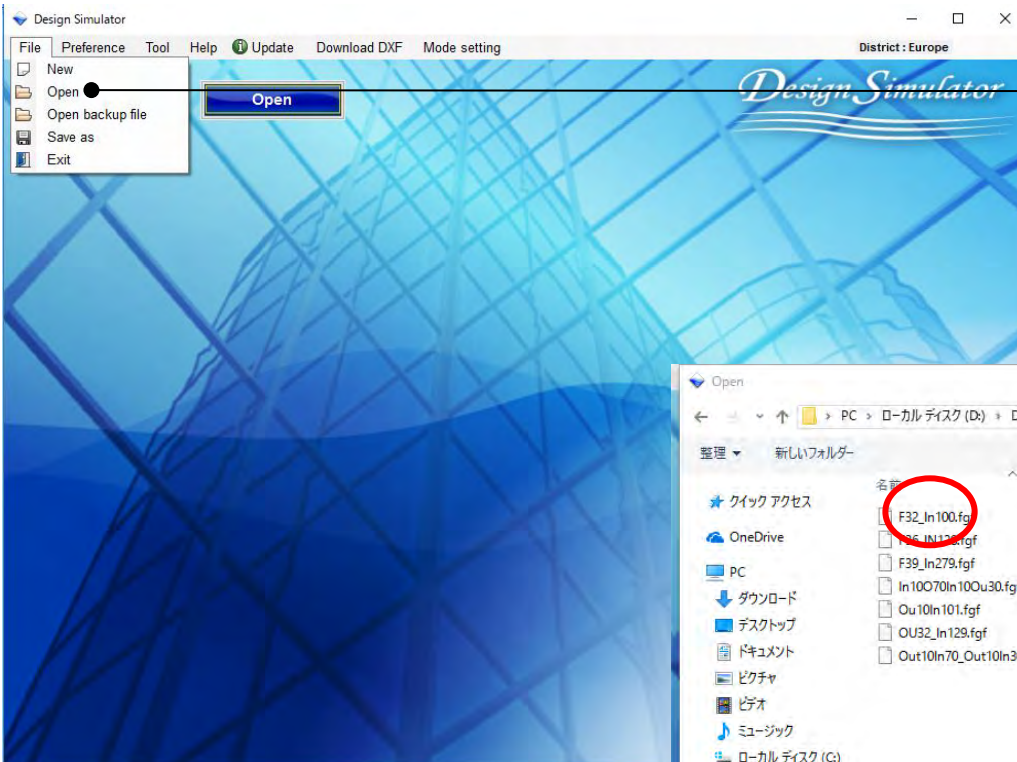
A new project of Design Simulator opens



Initial settings (File)

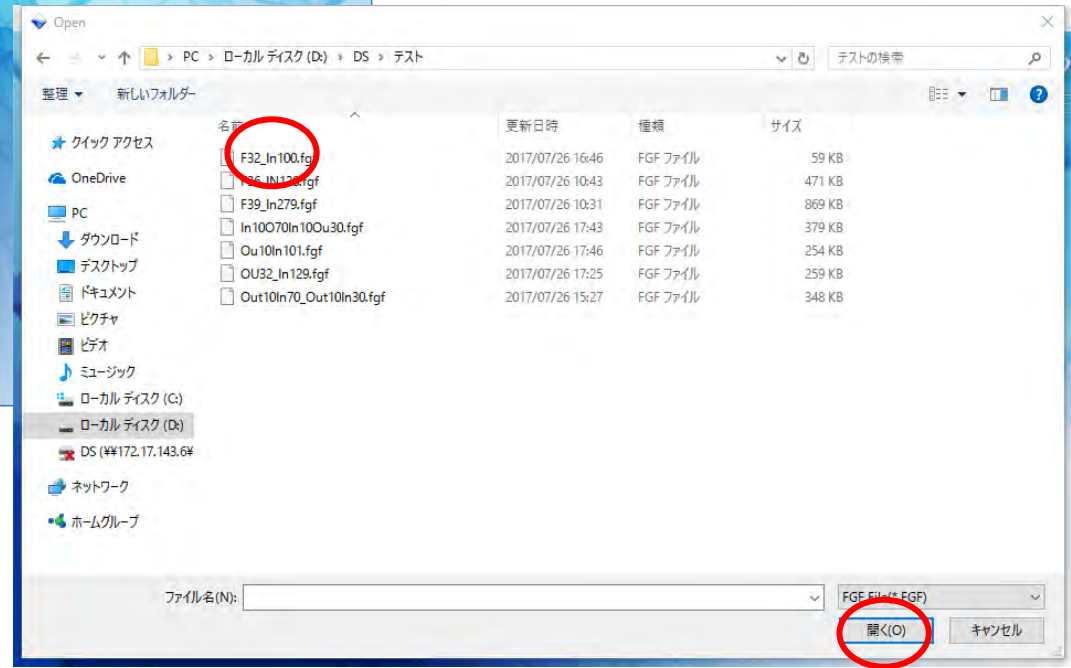
Design Simulator

Open



Select "Open"

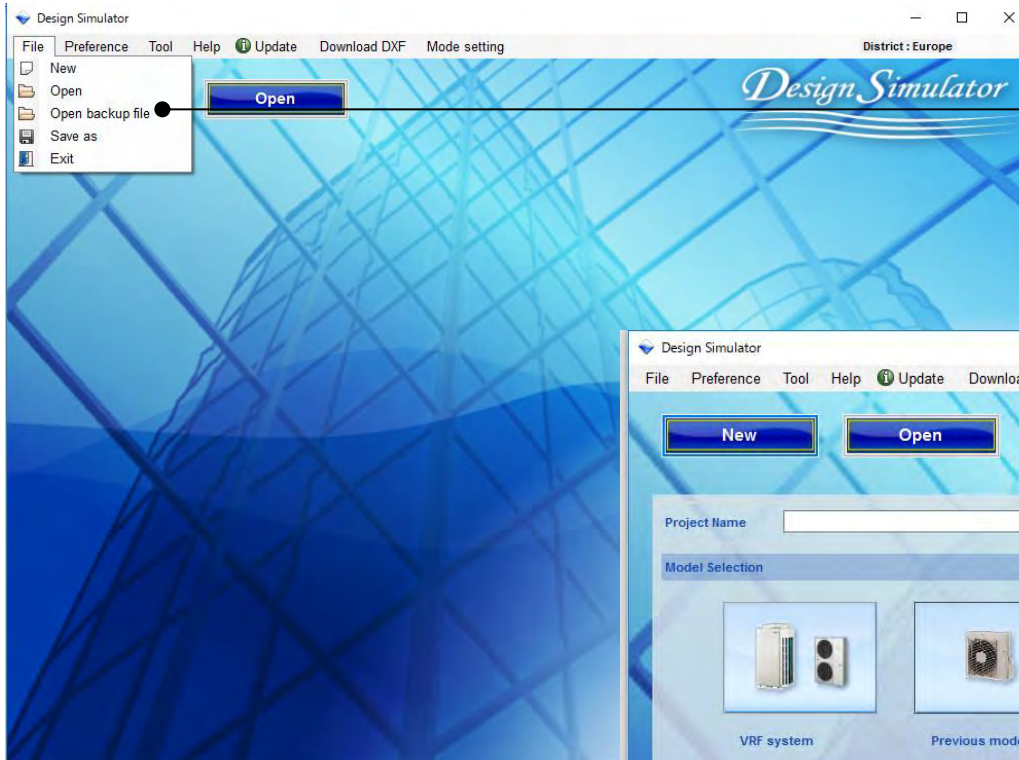
The project files you have created can be read



Initial settings (File)

Design Simulator

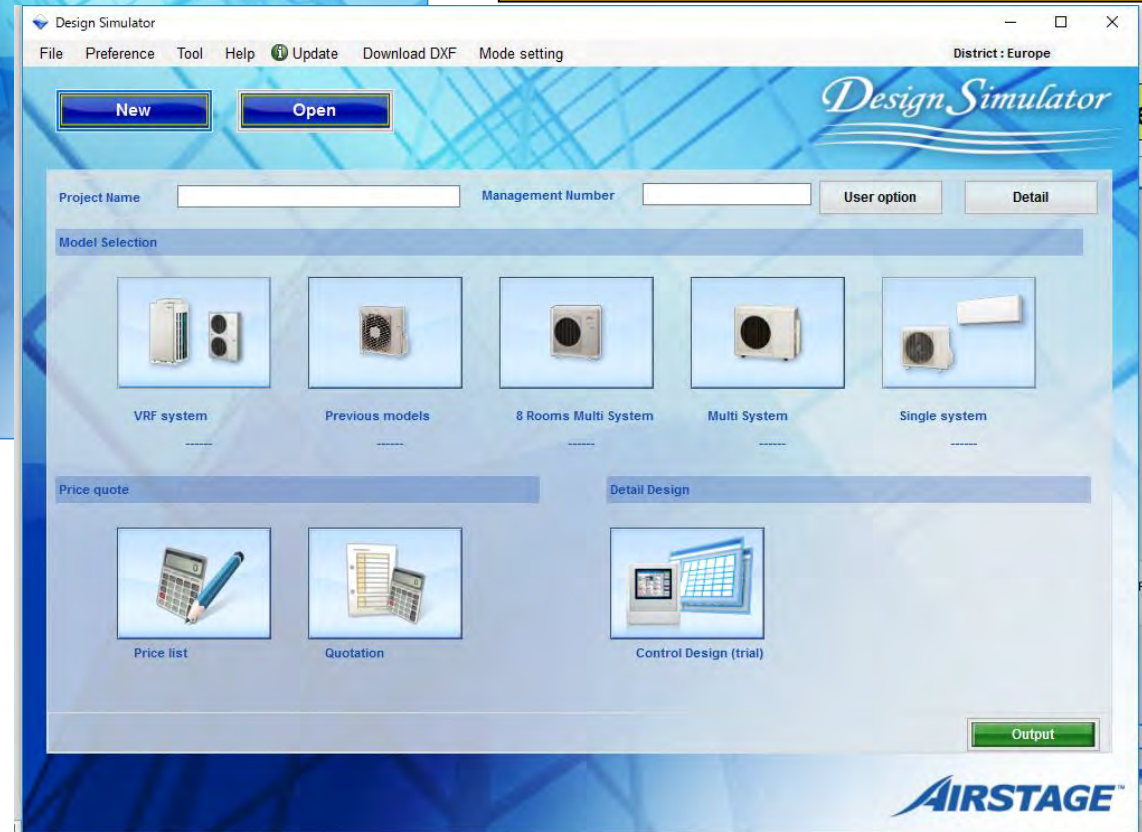
Open backup File



Select "Openbackup file"



Read the data created by the auto save



Initial settings (File)

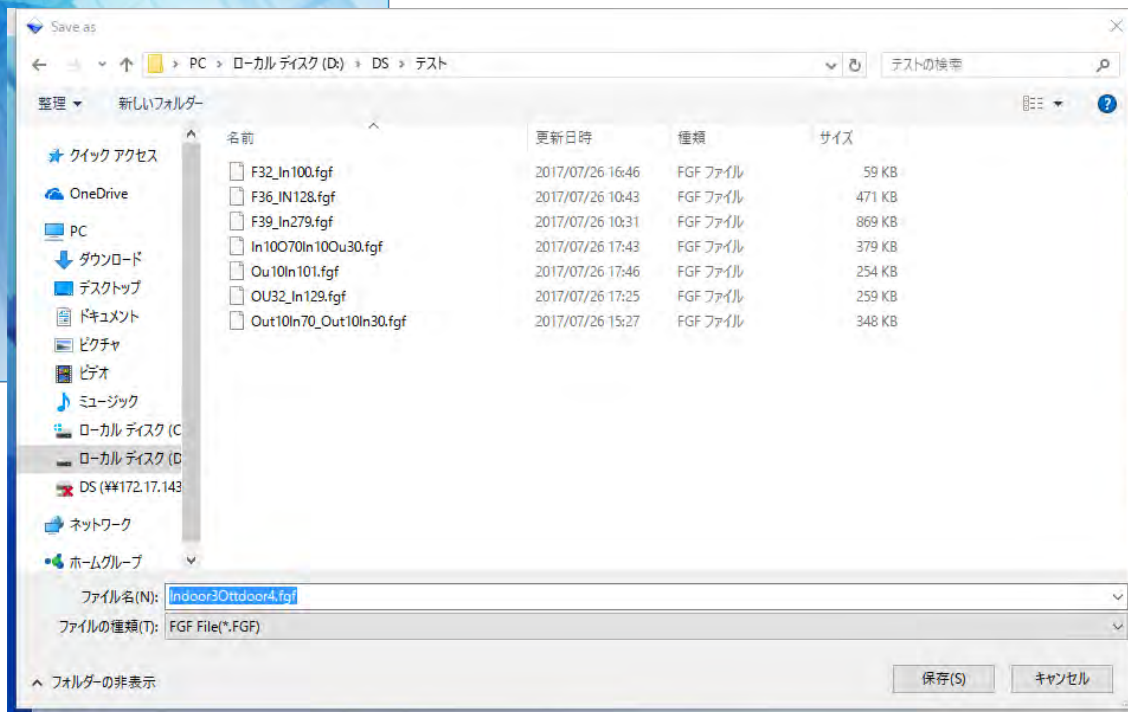
Design Simulator

Save as



Select "Save as"

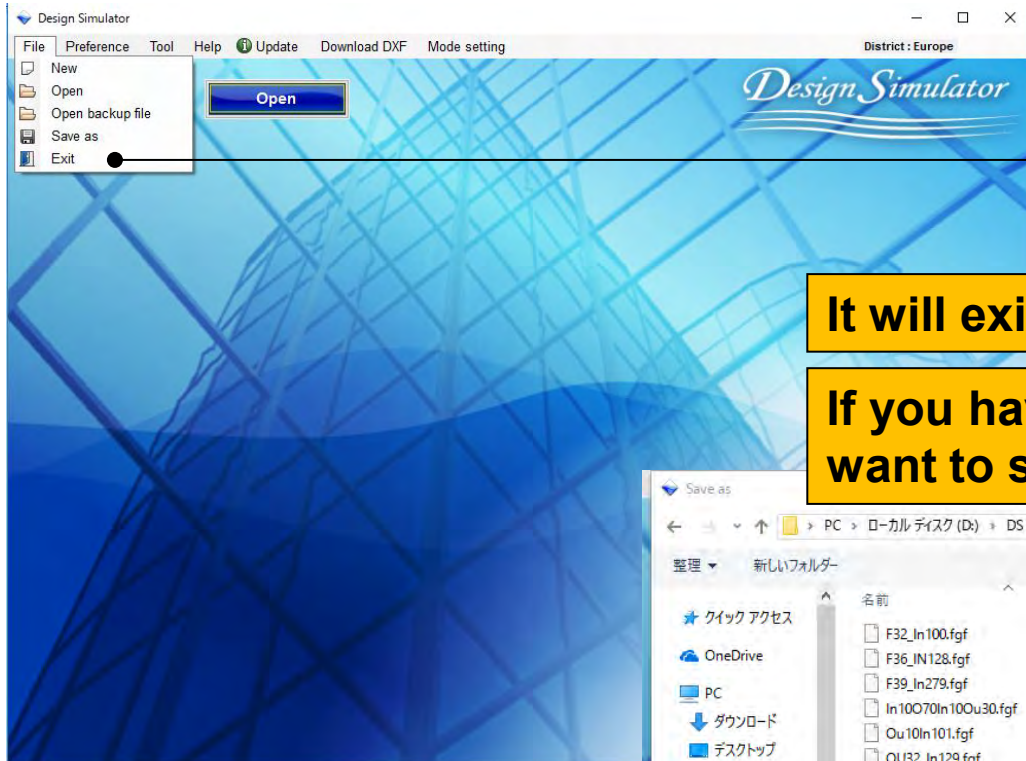
The project file can be saved



Initial settings (File)

Design Simulator

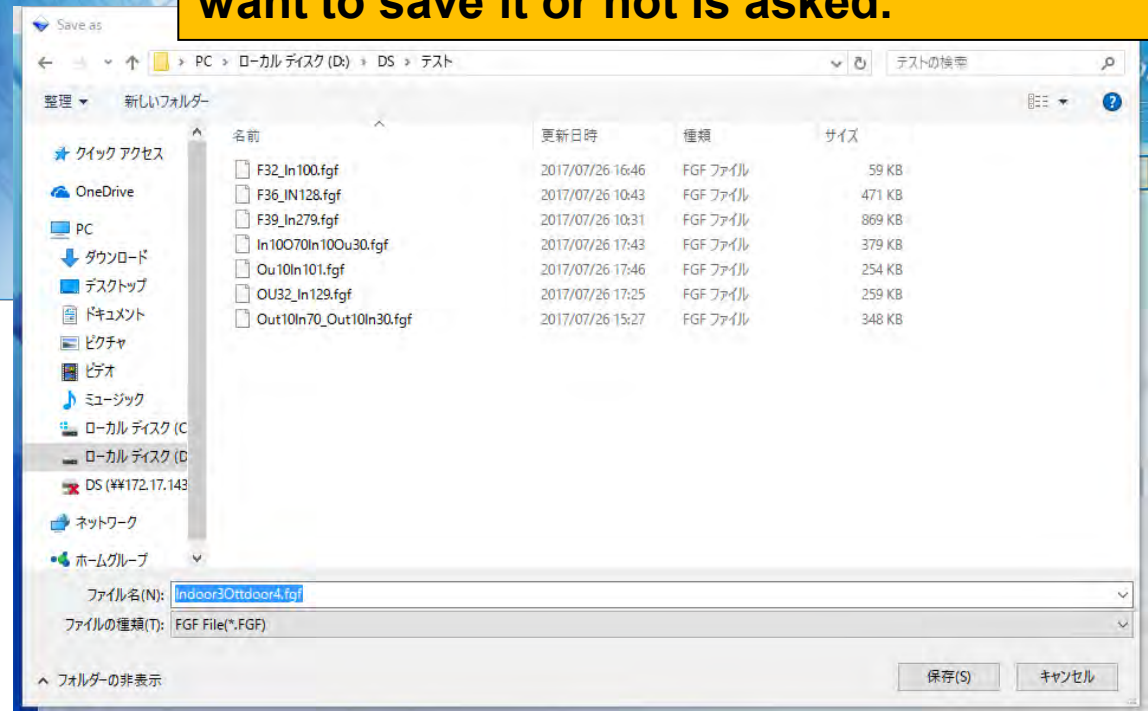
Exit



Select "Exit"

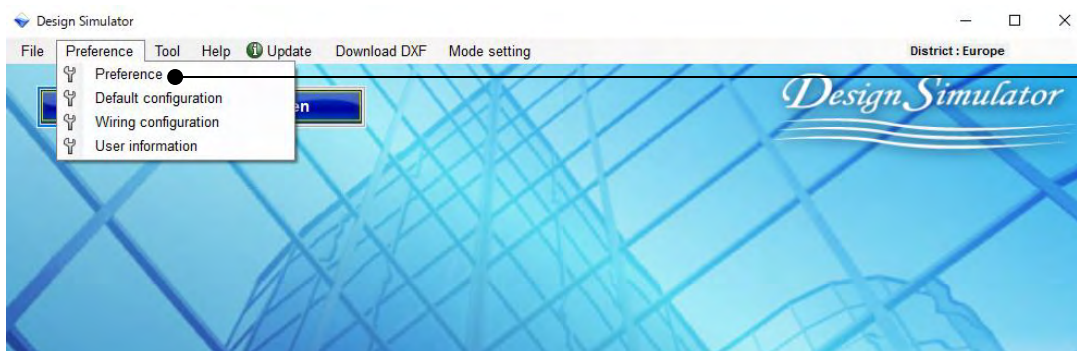
It will exit unless a project has been created.

If you have created a project, whether you want to save it or not is asked.

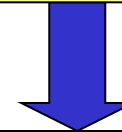


Initial settings (preference)

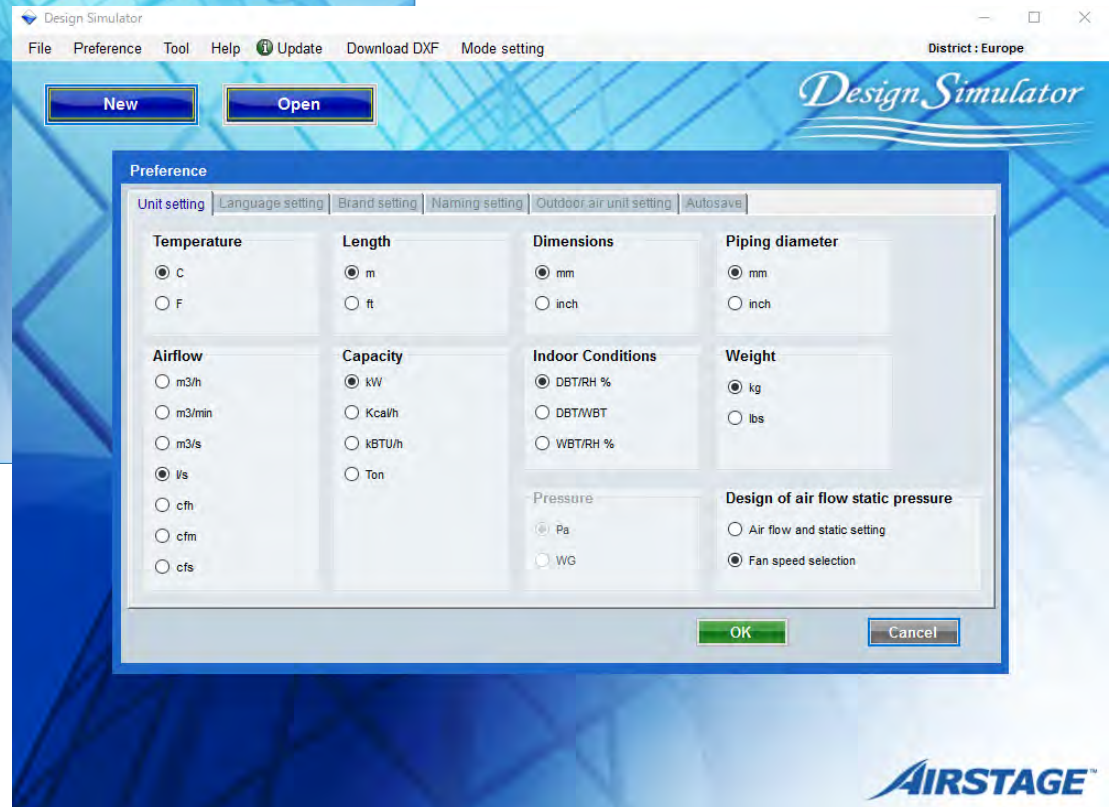
Design Simulator



Select "preference"



Open preference menu



Setting for Units (1/2)

Setting for Duct type only
Select "Air flow and static setting"

It is reflected on Input new indoor unit

Preference

Unit setting | Language setting | Brand setting | Naming setting | Outdoor air unit setting | Autosave

Temperature
 C
 F

Length
 m
 ft

Dimensions
 mm
 inch

Piping diameter
 mm
 inch

Airflow
 m3/h
 m3/min
 m3/s
 l/s
 cfm
 cfm
 cfs

Capacity
 kW
 Kcal/h
 kBTU/h
 Ton

Indoor Conditions
 DBT/RH %
 DBT/WBT
 WBT/RH %

Weight
 kg
 lbs

Design of air flow static pressure
 Air flow and static setting
 Fan speed selection

Pressure
 Pa
 WG

OK Cancel

+ Input new indoor unit

Name: Indr1
Comments:

Model
 Manual selection
Type: Slim duct(Drain pump internal)

Model: Wired RC(Touch) Options

RC: RC

Design criteria

Cooling		Required capacity		
DBT	C	27.0	TC kW	0.5
	RH %	43.4	SC kW	0.5

Heating		Required capacity		
DBT	C	20	HC kW	0.5

Primary setting
 Required air flow
 External static pressure

Required air flow
l/s: 141.6 Range

External static pressure
Pa: 25 Range

Additional information
Room setting

Cancel Add

Setting for Units (2/2)

Setting for Duct type only
Select "Air flow and static setting"

It is reflected in the "Airflow level"



Preference

Unit setting | Language setting | Brand setting | Naming setting | Outdoor air unit setting | Autosave

Temperature <input checked="" type="radio"/> C <input type="radio"/> F	Length <input checked="" type="radio"/> m <input type="radio"/> ft	Dimensions <input checked="" type="radio"/> mm <input type="radio"/> inch	Piping diameter <input checked="" type="radio"/> mm <input type="radio"/> inch
Airflow <input type="radio"/> m3/h <input type="radio"/> m3/min <input type="radio"/> m3/s <input checked="" type="radio"/> Vs <input type="radio"/> cfm <input type="radio"/> cfs	Capacity <input checked="" type="radio"/> kW <input type="radio"/> Kcal/h <input type="radio"/> kBTU/h <input type="radio"/> Ton	Indoor Conditions <input checked="" type="radio"/> DBT/RH % <input type="radio"/> DBT/WBT <input type="radio"/> WBT/RH %	Weight <input checked="" type="radio"/> kg <input type="radio"/> lbs
			Design of air flow static pressure <input type="radio"/> Air flow and static setting <input checked="" type="radio"/> Fan speed selection

Pressure
 Pa
 WG

OK Cancel

Input new indoor unit

Name: Indr1

Comments:

Model
 Manual selection
Type: Slim duct(Drain pump internal)

Model

Airflow level
High

RC: Wired RC(Touch) Options

Design criteria

Cooling		Required capacity			
DBT	C	27.0	TC	kW	0.5
	RH %	43.4	SC	kW	0.5
Heating		Required capacity			
DBT	C	20	HC	kW	0.5

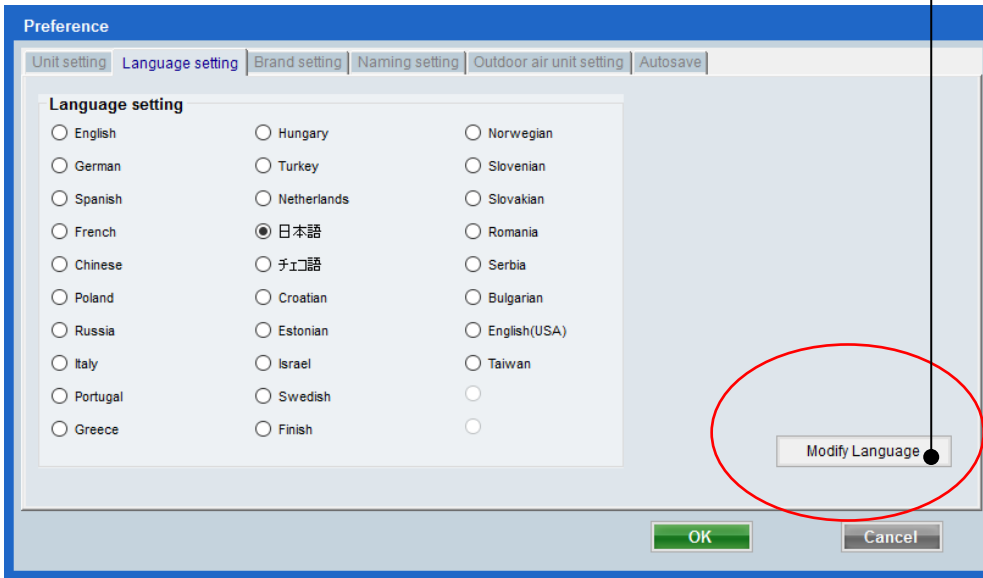
Additional information
Room setting

Cancel Add

Setting for Language

Select "Modify language"

Input "Modify language"



The image shows the 'Preference' dialog box with the 'Language setting' tab selected. The 'Language setting' section contains a grid of radio buttons for various languages. '日本語' (Japanese) is selected. A red circle highlights the 'Modify Language' button at the bottom right of the dialog box.

Preference

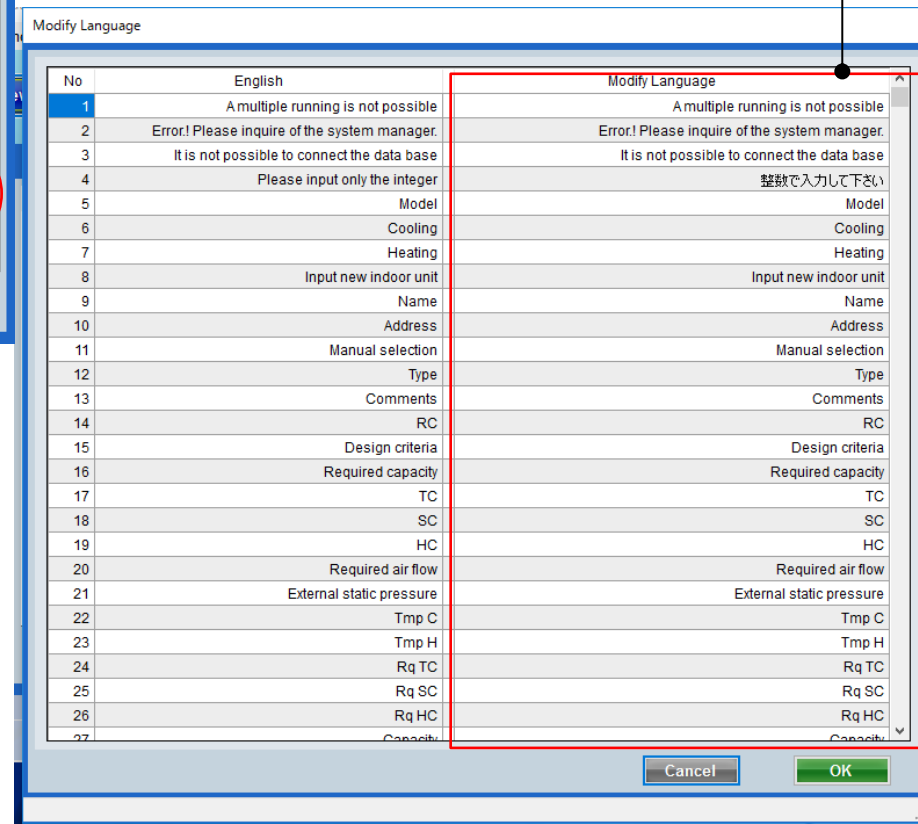
Unit setting | Language setting | Brand setting | Naming setting | Outdoor air unit setting | Autosave

Language setting

- English
- German
- Spanish
- French
- Chinese
- Poland
- Russia
- Italy
- Portugal
- Greece
- Hungary
- Turkey
- Netherlands
- Croatia
- Estonian
- Israel
- Sweden
- Finland
- 日本語
- 中国語
- Norwegian
- Slovenian
- Slovakian
- Romania
- Serbia
- Bulgarian
- English(USA)
- Taiwan

Modify Language

OK Cancel



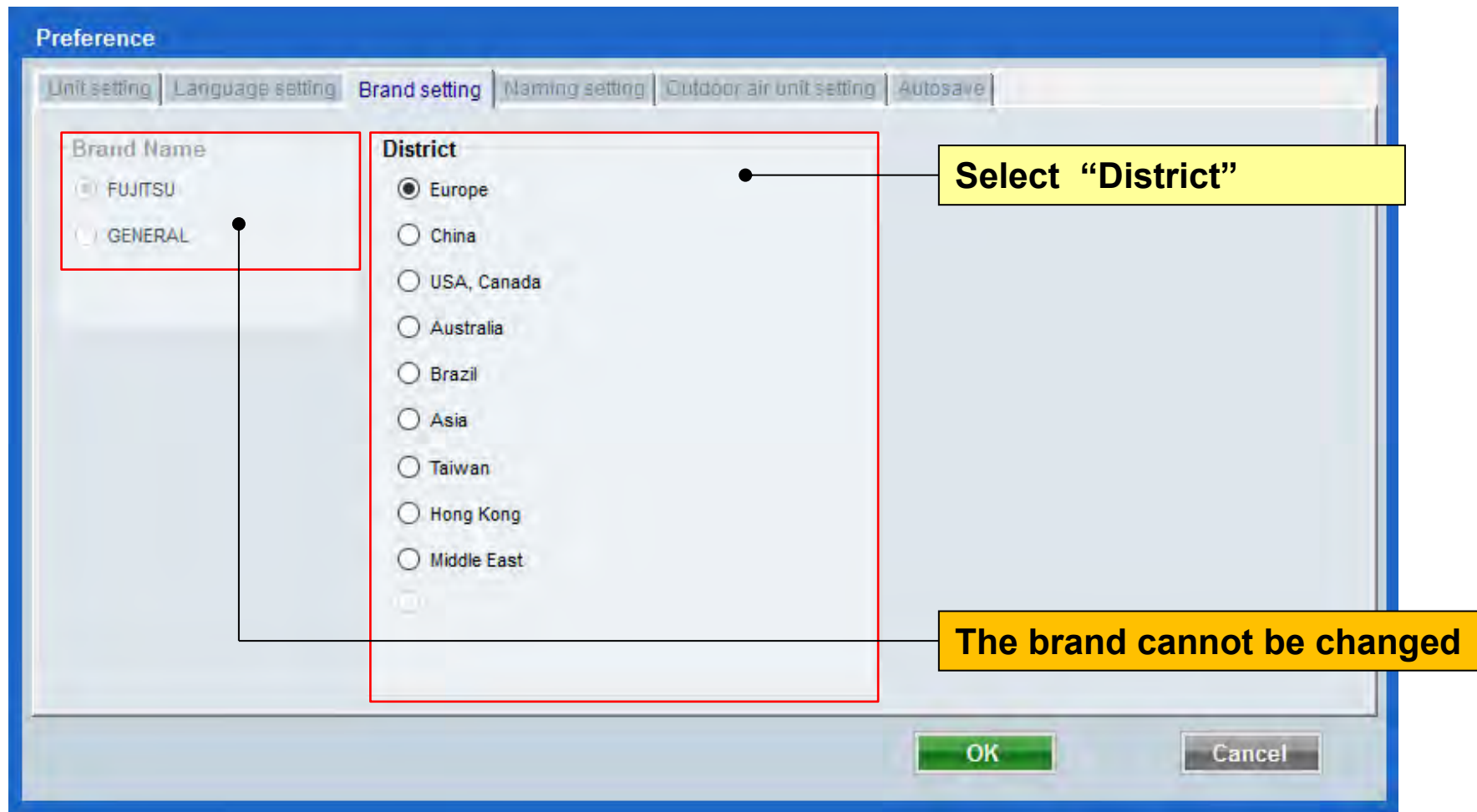
The image shows the 'Modify Language' dialog box. It contains a table with two columns: 'English' and 'Modify Language'. The table lists various system parameters and their corresponding values in both languages. A red box highlights the 'Modify Language' column. The 'OK' button is highlighted in green at the bottom right.

Modify Language

No	English	Modify Language
1	A multiple running is not possible	A multiple running is not possible
2	Error! Please inquire of the system manager.	Error! Please inquire of the system manager.
3	It is not possible to connect the data base	It is not possible to connect the data base
4	Please input only the integer	整数で入力して下さい
5	Model	Model
6	Cooling	Cooling
7	Heating	Heating
8	Input new indoor unit	Input new indoor unit
9	Name	Name
10	Address	Address
11	Manual selection	Manual selection
12	Type	Type
13	Comments	Comments
14	RC	RC
15	Design criteria	Design criteria
16	Required capacity	Required capacity
17	TC	TC
18	SC	SC
19	HC	HC
20	Required air flow	Required air flow
21	External static pressure	External static pressure
22	Tmp C	Tmp C
23	Tmp H	Tmp H
24	Rq TC	Rq TC
25	Rq SC	Rq SC
26	Rq HC	Rq HC
27	Capacity	Capacity

Cancel OK

Setting for Brand



Setting for Naming

Preference

Unit setting | Language setting | Brand setting | **Naming setting** | Outdoor air unit setting | Autosave

Naming setting

Indoor unit

Outdoor unit

Default output folder name

...

Data in/out folder

...

OK Cancel

Input "Naming setting"

Select "Default output folder name"

Select "Data in/out folder"

Setting for Outdoor air unit (1/3)

Preference

Unit setting | Language setting | Brand setting | Naming setting | Outdoor air unit setting | Autosave

Selection of outdoor air processing unit

Outdoor air unit

DX kit

The equipment linked to DX kit is included in an estimate.

Outdoor air unit in current project will be removed if its check box is cleared.

Naming setting

Outdoor air unit: OutAir

DX kit: DX

Heat exchanger volume

cm3

in3

Future unit

Enable

Default name: Future

Report outputs

Include Future units

(Material, Piping and Wiring diagram, etc.)

OK Cancel

Select "Selection of outdoor air processing unit"

Input "Naming setting"

Select "Heat exchange volume"

Select "Include Future units"

Select "Enable"

Input "Default naming"

Including undetermined of the indoor unit(the future additional minutes), it is possible to carry out the selection of piping and the outdoor unit.

Setting for Outdoor air unit (2/3)

Select "Selection of outdoor air unit"
This is reflected on the "Indoor" screen

Preference

Unit setting | Language setting | Brand setting | Naming setting | Outdoor air unit setting | Autosave

1) Selection of outdoor air processing unit

Outdoor air unit

2) DX kit

3) The equipment linked to DX kit is included in an estimate.

Outdoor air unit in current project will be removed if its check box is cleared.

Naming setting

Outdoor air unit: OutAir

DX kit: DX

Heat exchanger volume

cm3

in3

Future unit

Enable

Default name: Future

Report outputs

Include Future units
(Material, Piping and Wiring diagram, etc.)

OK Cancel

Indoor unit | Outdoor unit | Piping | Wiring | Control | Report | Menu

DX kit

Indoor unit Outdoor air unit Indoor unit Outdoor air unit Future unit

1)

Selection of outdoor air processing unit

Outdoor air unit

DX kit The equipment linked to DX kit is included in an estimate.

Outdoor air unit in current project will be removed if its check box is cleared.

2)

Selection of outdoor air processing unit

Outdoor air unit

DX kit The equipment linked to DX kit is included in an estimate.

Outdoor air unit in current project will be removed if its check box is cleared.

3)

Selection of outdoor air processing unit

Outdoor air unit

DX kit The equipment linked to DX kit is included in an estimate.

Outdoor air unit in current project will be removed if its check box is cleared.

Selection of outdoor air processing unit

Outdoor air unit

DX kit The equipment linked to DX kit is included in an estimate.

Outdoor air unit in current project will be removed if its check box is cleared.

Indoor unit | Outdoor air unit | DX kit | Indoor unit | Outdoor air unit

Indoor unit Outdoor air unit Indoor unit Outdoor air unit

Setting for Outdoor air unit (3/3)

Future unit

Enable

Default name



Indoor unit Outdoor air unit **DX kit**

Indoor unit Outdoor air unit Future unit

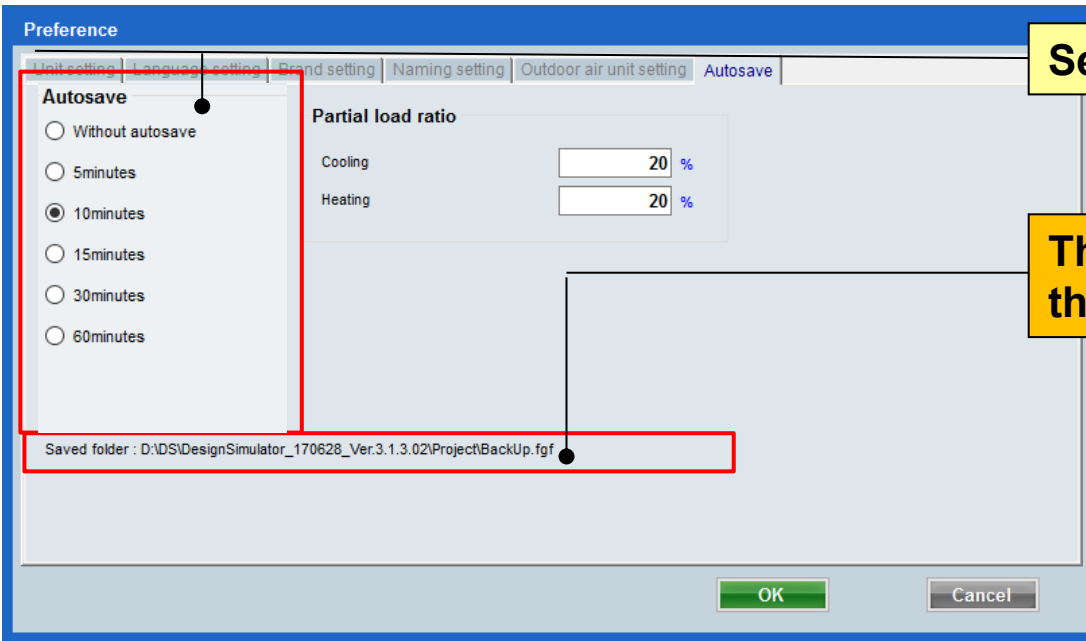
Select "Selection of outdoor air unit"
It is reflected in the "Indoor" screen

Report outputs

Include Future units
(Material, Piping and Wiring diagram, etc.)

Select "Selection of outdoor air unit"
This is reflected in "Report outputs"

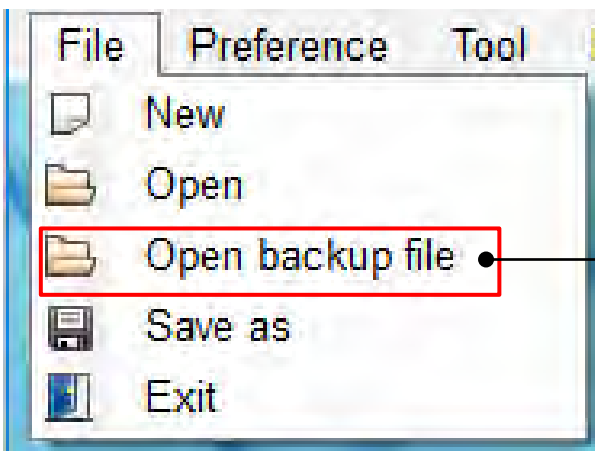
Setting for Auto save



Select Autosave time



The backup is saved to the DS folder at the selected time.



The backup can be read from "File – Open backup file"

Setting for Partial load ratio

Input "Partial load ratio"

**It is reflected in the "Outdoor" screen
Select "Partial load ratio"**

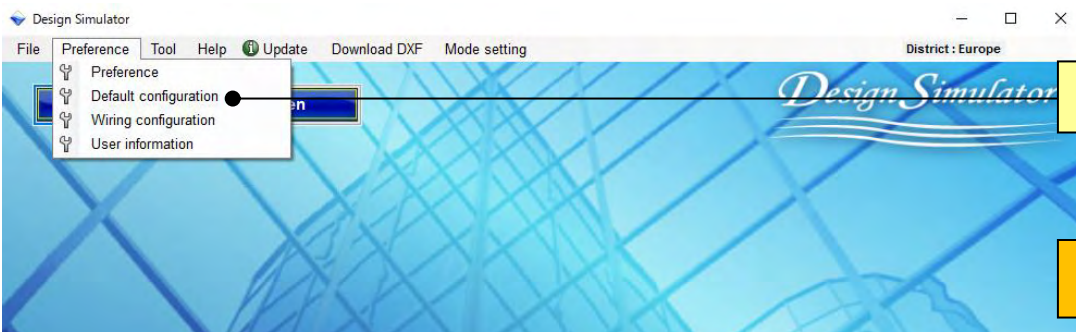
Input "Partial load ratio"

It is reflected in the "Partial load ratio"

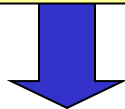
"Partial load" enables you to select the outdoor unit by incorporating the Partial operation of indoor units.

Initial settings (Default configuration)

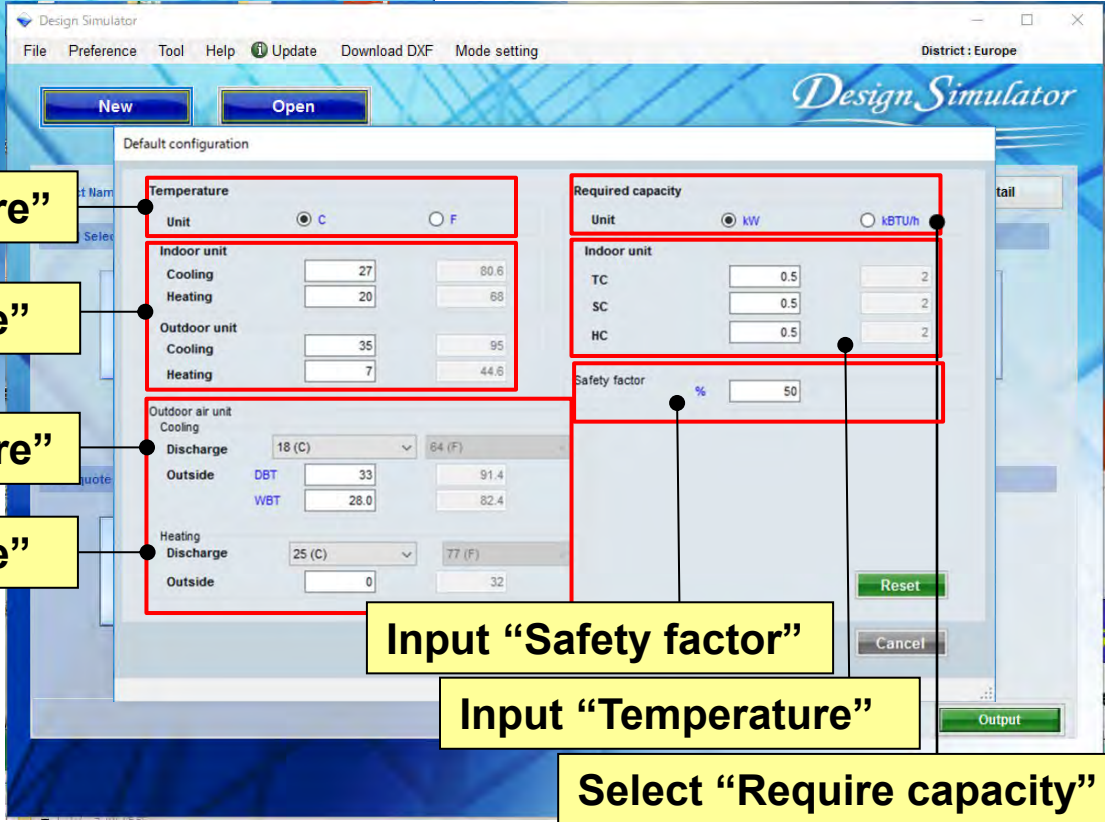
Design Simulator



Select "Default configuration"



Open Default configuration menu



Select "Temperature"

Input "Temperature"

Select "Temperature"

Input "Temperature"

Input "Safety factor"

Input "Temperature"

Select "Require capacity"

Setting for Default configuration (1/2)

Default configuration

Temperature

Unit C F

Indoor unit

Cooling

Heating

Outdoor unit

Cooling

Heating

Required capacity

Unit kW kBtu/h

Indoor unit

TC

SC

HC

Safety factor %

Outdoor air unit

Cooling

Discharge

Outside DBT

WBT

Heating

Discharge

Outside

Reset

OK Cancel



When "Temperature / Required capacity / safety factor" are input, It is reflected on the "Indoor" screen.

Estimated capacity condition

Indoor temperature		Outdoor temp.		Safety factor					
DBT	RH %	Cooling	Heating	Cooling	Heating				
C		27.0	20	C	35.0	7.0	%	50	50
		43.4							

Update

Qty	RC C (kW)	RC H (kW)	Est TC (kW)	Est SC (kW)	Est HC (kW)	WxD (mm)	Weight (kg)	Airflow (l/s)	Sound (dB)
1.1	1.1	1.3				245x570x570	15	147.2	34
1.1	1.1	1.3				245x570x570	14.5	147.2	34
2.2	2.2	2.8				245x570x570	16	150	34
2.8	3.2	3.2				245x570x570	16	152.7	35
3.6	4.1	4.1				245x570x570	15	160.6	37
4.6	5.0	5.0				245x570x570	16	168.8	38
5.6	6.3	6.3				245x570x570	17	197.2	41
7.1	8.0	8.0				245x570x570	17	206.1	50
8.8	10.0	10.0				245x570x570	22	319.4	58
11.2	12.5	12.5				245x570x570	22	355.5	58
14.0	16.0	16.0				200x040x040	27	444.4	40
17.0	20.0	20.0				288x840x840	27	486.1	43
21.2	25.0	25.0				288x840x840	27	500	44
26.5	31.5	31.5				288x840x840	27	527.7	46
33.0	39.0	39.0				200x040x040	27	555.5	47
40.8	48.0	48.0				288x840x840	28.5	594.4	38
51.0	60.0	60.0				288x840x840	26.5	634.4	38
63.0	75.0	75.0				200x040x040	29.5	400	39
78.0	93.0	93.0				288x840x840	29.5	400	38
96.0	116.0	116.0				288x840x840	29.5	450	41
118.0	145.0	145.0				200x040x040	29.5	505.5	44
144.0	180.0	180.0				288x840x840	29.5	566.8	47
175.0	225.0	225.0				288x840x840	26.5	634.4	38

Input new indoor unit

Name

Comments

Model

Manual selection

Type

Compact cassette

Model

Design criteria

Cooling

DBT C

RH %

Required capacity

TC kW

SC kW

Heating

DBT C

Required capacity

HC kW

Cancel Add

Input new indoor unit

Name

Comments

Model

Manual selection

Type

Compact cassette

Model

Airflow level

High

RC

Wired RC(Touch)

Options

Design criteria

Cooling

DBT C

RH %

Required capacity

TC kW

SC kW

Heating

DBT C

Required capacity

HC kW

Additional information

Room setting

Cancel Add

Input new DX kit - indoor unit

Name

Comments

Model Selection

Cooling and Heating Cooling only Heating Only

DX kit selection information input

Other unit

Model name

Cooling

Rated TC kW

Rated HC kW

DBT C

RH %

Heating

Rated HC kW

DBT C

Heat exchanger capacity cm3

Input range 1 - 4150

Select picture

Model

UTY-VDXG UTP-VX30A

RC

Wired RC(Touch)

Additional information

Room setting

Room setting

Setting for Default configuration (2/2)

When "Temperature / Required capacity / safety factor" are input, It is reflected on the "Indoor" screen.

Default configuration

Temperature	
Unit	<input checked="" type="radio"/> C <input type="radio"/> F
Indoor unit	
Cooling	27 / 80.6
Heating	20 / 68
Outdoor unit	
Cooling	35 / 95
Heating	7 / 44.6

Required capacity	
Unit	<input checked="" type="radio"/> kW <input type="radio"/> kBTU/h
Indoor unit	
TC	0.5 / 2
SC	0.5 / 2
HC	0.5 / 2

Safety factor %

Reset OK Cancel

Input new outdoor air unit

Name: OutAir1

Model: ARQX054GTAH

RC: Wired RC(Touch)

Cooling	
Discharge DBT/WBT	18 (C) / 64 (F)
Outside DBT	C 33.0
RH %	67.1

Capacity kW 14.4

Heating	
Discharge DBT	25 (C) / 77 (F)
Outside DBT	C 0

Capacity kW 8.9

Room setting

Cancel Add

Input new DX kit - outdoor air unit

Name: DX1

Model Selection: Cooling and Heating Cooling only Heating Only

DX kit selection information input

Other unit	
Head	Not In Use
Model name	Outdoor air unit
Rated TC	kW 5.1
Rated HC	kW 5.7

Discharge	
DBT	C 18
WBT	C 17.5

Outside	
DBT	C 33.0
RH %	67.1

Heat exchanger capacity cm3 960

Input range 1 - 3950

RC: Wired RC(Touch)

Room setting

Initial settings (Wiring configuration)

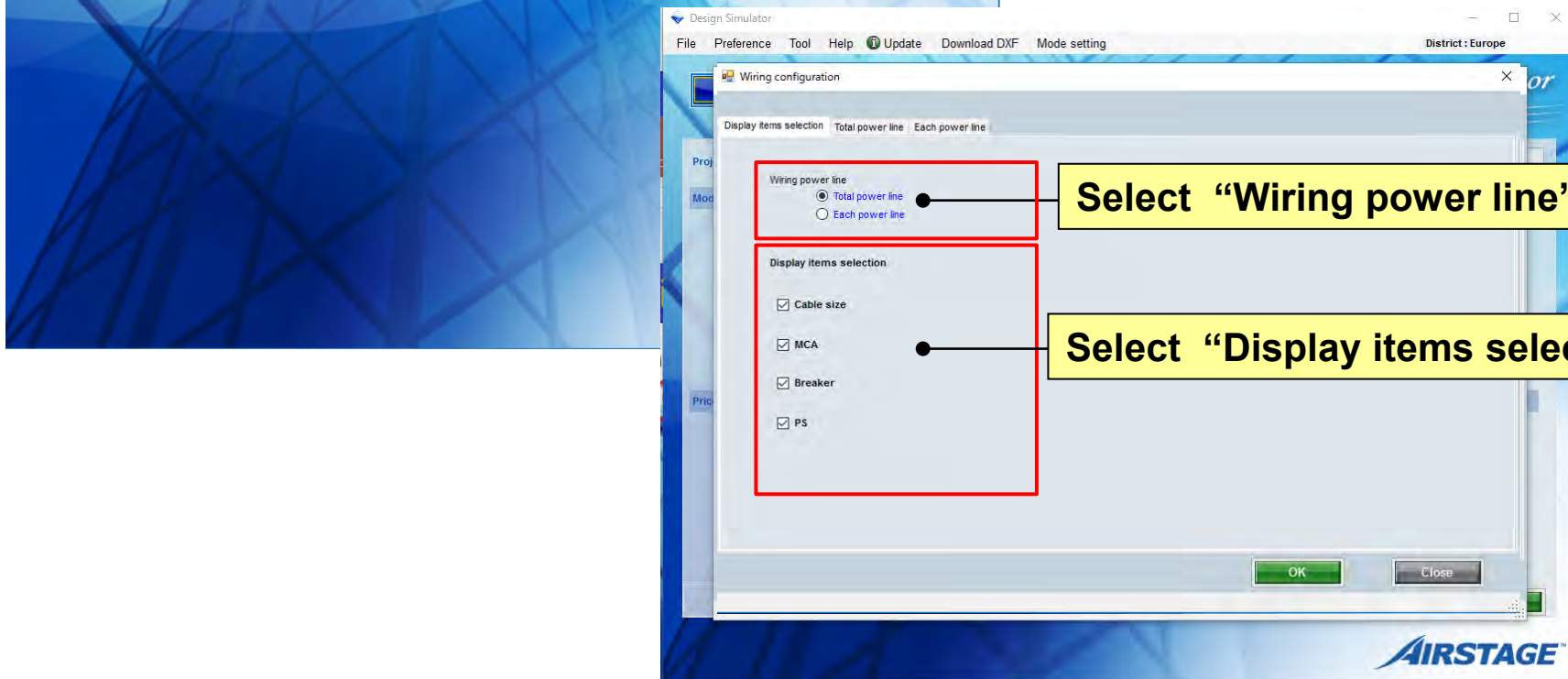
Design Simulator



Select "wiring configuration"



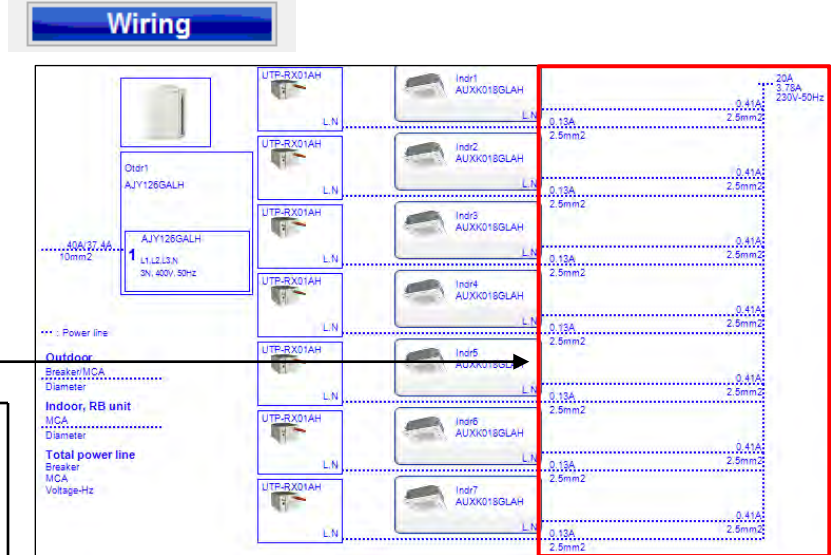
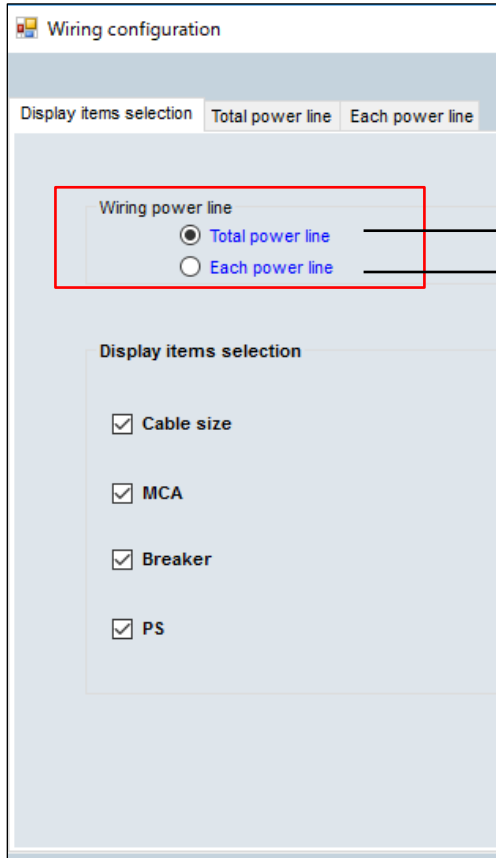
Open "wiring configuration"



Select "Wiring power line"

Select "Display items selection"

Display items selection(1/2)



“Total” or “each” can be selected for the display format of “Wiring power line”

Display items selection(2/2)

The screenshot displays the 'Wiring configuration' window in the Design Simulator. On the left, the 'Display items selection' panel is visible, with a red box highlighting the 'Cable size', 'MCA', 'Breaker', and 'PS' checkboxes, all of which are checked. The 'Wiring power line' section has 'Total power line' selected. The main window shows a wiring diagram with a red box around the right side. Callouts point to specific elements: 'Outdoor Breaker/MCA Cable size' points to the 'Outdoor Breaker/MCA' label and a callout box showing '40A/37.4A, 10mm²' and '1 AJY126GALH L1(L2,L3,N) 3N, 400V, 50Hz'; 'Total power line Breaker MCA PS' points to the 'Total power line Breaker MCA PS' label; and 'Indoor, RB unit MCA Cable size' points to the 'Indoor, RB unit MCA' label. The diagram includes components like 'UTP-RX01AH' and 'Indr1-7 AUXK018GLAH' with associated current and cable size values.

Outdoor Breaker/MCA Cable size

Total power line Breaker MCA PS

Indoor, RB unit MCA Cable size

40A/37.4A, 10mm²

1 AJY126GALH L1(L2,L3,N) 3N, 400V, 50Hz

UTP-RX01AH L.N

Indr1 AUXK018GLAH L.N

0.13A 2.5mm² 0.41A 2.5mm²

UTP-RX01AH L.N

Indr2 AUXK018GLAH L.N

0.13A 2.5mm² 0.41A 2.5mm²

UTP-RX01AH L.N

Indr3 AUXK018GLAH L.N

0.13A 2.5mm² 0.41A 2.5mm²

UTP-RX01AH L.N

Indr4 AUXK018GLAH L.N

0.13A 2.5mm² 0.41A 2.5mm²

UTP-RX01AH L.N

Indr5 AUXK018GLAH L.N

0.13A 2.5mm² 0.41A 2.5mm²

UTP-RX01AH L.N

Indr6 AUXK018GLAH L.N

0.13A 2.5mm² 0.41A 2.5mm²

UTP-RX01AH L.N

Indr7 AUXK018GLAH L.N

0.13A 2.5mm² 0.41A 2.5mm²

20A 3.78A 230V-50Hz

Power line

Outdoor Breaker/MCA Diameter

Indoor, RB unit MCA Diameter

Total power line Breaker MCA Voltage-Hz

The items displayed in "Wiring" can be set to show/hide

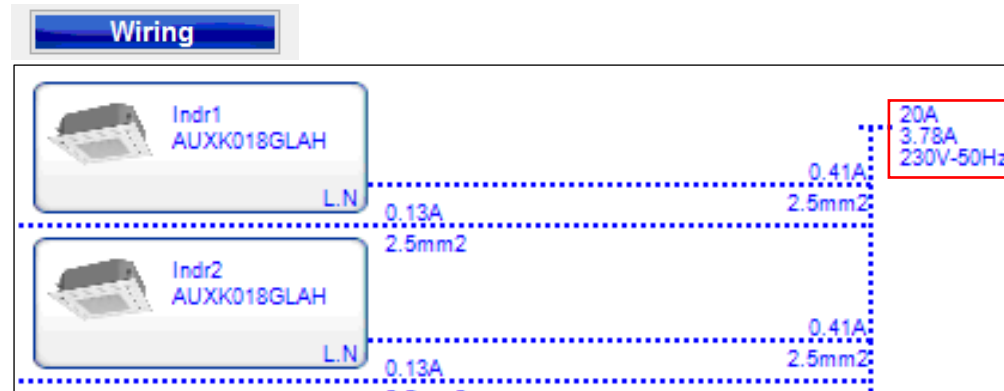
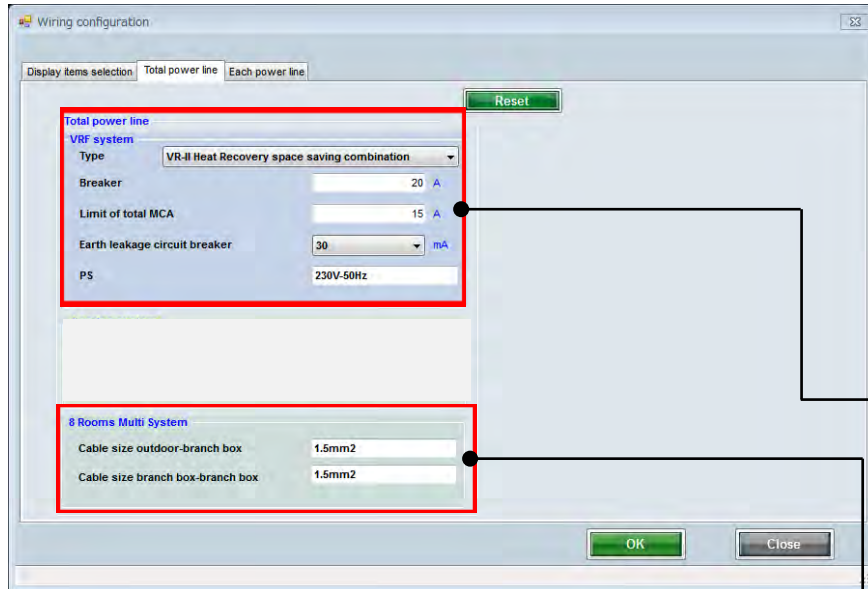
Total power line (1/2)

The screenshot shows the 'Wiring configuration' dialog box with the 'Total power line' tab selected. The 'VRF system' section is expanded, showing various settings. Annotations in yellow boxes point to specific fields:

- Select "VRF system type"**: Points to the 'Type' dropdown menu, which is set to 'V-II Heat Recovery space saving combination'.
- Input "Breaker"**: Points to the 'Breaker' input field, which contains the value '20'.
- Input "Limit of total MCA"**: Points to the 'Limit of total MCA' input field, which contains the value '15'.
- Select "Earth leakage circuit breaker"**: Points to the 'Earth leakage circuit breaker' dropdown menu, which is set to '30'.
- Input "PS"**: Points to the 'PS' dropdown menu, which is set to '230V-50Hz'.
- Input "Cable size"**: Points to the 'Cable size' input field, which contains the value '2.5mm2'.
- Input "Cable size outdoor-branch box"**: Points to the 'Cable size outdoor-branch box' input field, which contains the value '1.5mm2'.
- Input "Cable size branch box-branch box"**: Points to the 'Cable size branch box-branch box' input field, which contains the value '1.5mm2'.

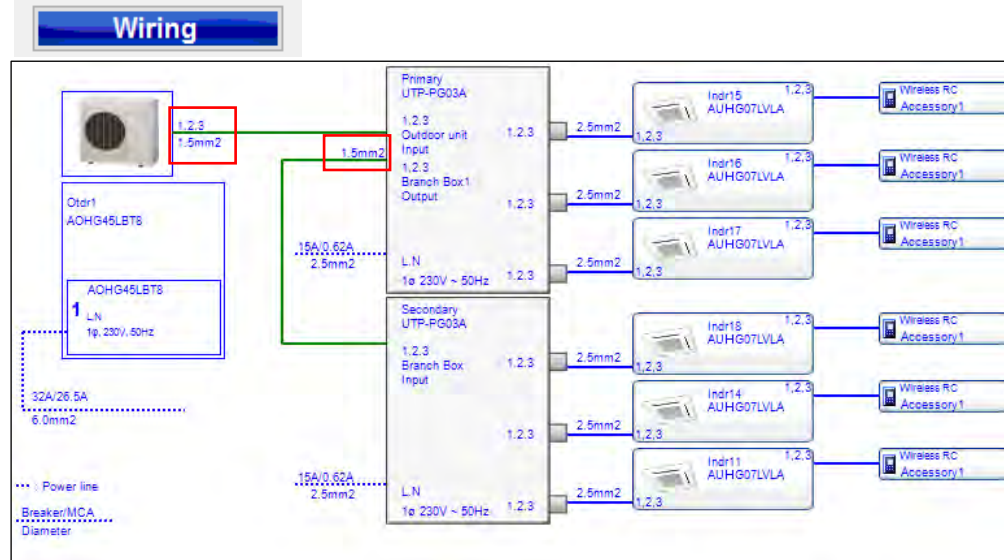
The dialog box also features a 'Reset' button at the top right, and 'OK' and 'Close' buttons at the bottom.

Total power line (2/2)



“Total power line” can be set for each type of VRF system

The display value and the limit value of the “wiring diagram” can be changed



“Total power line” can be set for each type of 8rooms Multi system

Each power line(1/2)

The screenshot shows the 'Wiring configuration' dialog box with the 'Each power line' tab selected. The 'Series' dropdown is set to 'All' and the 'Unit' dropdown is also set to 'All'. A 'Reset' button is visible. The main table lists various power line configurations with columns for Series, Unit, Type, Model, MCA (A), Cable size, Breaker (A), and PS. Callouts highlight the 'VRF system type' column, the 'Cable size' column, the 'Breaker' column, and the 'PS' column.

Series	Unit	Type	Model	MCA (A)	Cable size	Breaker (A)	PS
FM	Outdoor	8 Room Multi System	AOYG45LBT8	26.5	6.0mm2	32	1φ, 230V, 50Hz
FM	Indoor	Compact cassette	AUYG07LVLA	0.19	2.5mm2	0	200V-50Hz
FM	Indoor	Compact cassette	AUYG09LVLA	0.19	2.5mm2	0	200V-50Hz
FM	Indoor	Floor	AGYG09LVCA	0.19	2.5mm2	0	200V-50Hz
FM	Indoor	Floor	AGYG12LVCA	0.23	2.5mm2	0	200V-50Hz
FM	Indoor	Floor	AGYG14LVCA	0.25	2.5mm2	0	200V-50Hz
FM	Indoor	Floor/ceiling	ABYG14LVTA	0.26	2.5mm2	0	200V-50Hz
FM	Indoor	Slim duct(Drain pump internal)	ARYG07LLTA	0.41	2.5mm2	0	200V-50Hz
FM	Indoor	Slim duct(Drain pump internal)	ARYG09LLTA	0.38	2.5mm2	0	200V-50Hz
FM	Indoor	Wall mounted	ASYG07LJCA	0.17	2.5mm2	0	200V-50Hz
FM	Indoor	Wall mounted	ASYG09LJCA	0.19	2.5mm2	0	200V-50Hz
FM	Indoor	Wall mounted	ASYG12LJCA	0.24	2.5mm2	0	200V-50Hz
FM	Indoor	Wall mounted	ASYG18LFCA	0.41	2.5mm2	0	200V-50Hz
FM	Indoor	Wall mounted	ASYG24LFCA	0.66	2.5mm2	0	200V-50Hz
FM	Indoor	Wall mounted(Slim)	ASYG07LUCA	0.16	2.5mm2	0	200V-50Hz
FM	Indoor	Wall mounted(Slim)	ASYG09LUCA	0.18	2.5mm2	0	200V-50Hz
FM	Indoor	Wall mounted(Slim)	ASYG12LUCA	0.21	2.5mm2	0	200V-50Hz
FM	Indoor	Wall mounted(Slim)	ASYG14LUCA	0.25	2.5mm2	0	200V-50Hz

Each power line(2/2)

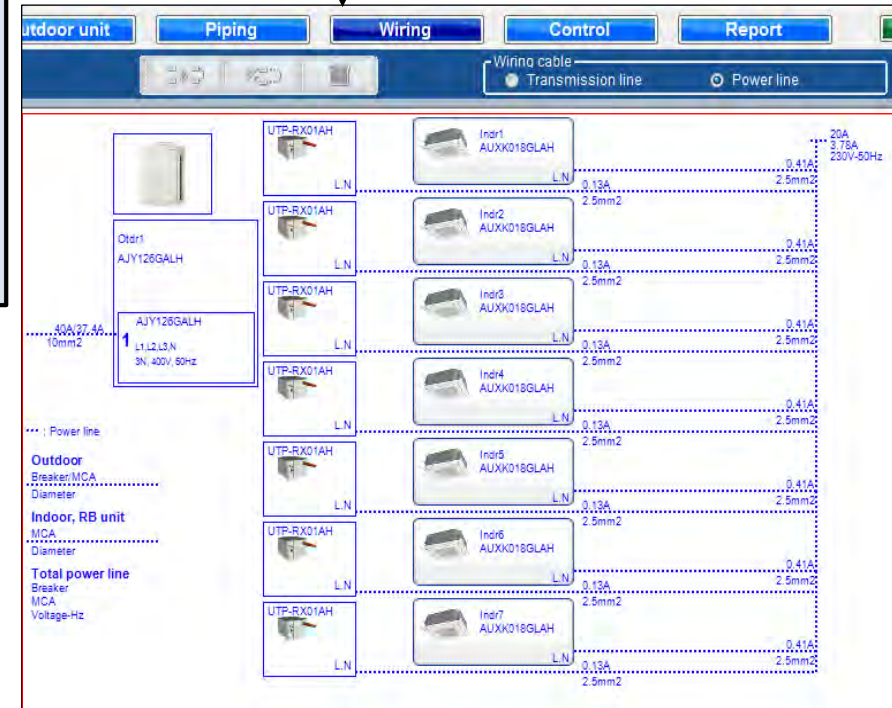
Wiring configuration

Display items selection | Total power line | Each power line

Series: All | Unit: All | Reset

Series	Unit	Type	Model	MCA (A)	Cable size	Breaker (A)	PS
FM	Outdoor	8 Rooms Multi System	AOYG45LBT8	26.5	6.0mm ²	32	1φ, 230V, 50Hz
FM	Indoor	Compact cassette	AUYG07LVLA	0.19	2.5mm ²	0	200V-50Hz
FM	Indoor	Compact cassette	AUYG09LVLA	0.19	2.5mm ²	0	200V-50Hz
FM	Indoor	Compact cassette	AUYG12LVLB	0.24	2.5mm ²	0	200V-50Hz
FM	Indoor	Compact cassette	AUYG14LVLB	0.28	2.5mm ²	0	200V-50Hz
FM	Indoor	Compact cassette	AUYG18LVLB	0.38	2.5mm ²	0	200V-50Hz
FM	Indoor	Floor	AGYG09LVCA	0.19	2.5mm ²	0	200V-50Hz
FM	Indoor	Floor	AGYG12LVCA	0.23	2.5mm ²	0	200V-50Hz
FM	Indoor	Floor	AGYG14LVCA	0.25	2.5mm ²	0	200V-50Hz
FM	Indoor	Floor/ceiling	ABYG14LVTA	0.26	2.5mm ²	0	200V-50Hz
FM	Indoor	Floor/ceiling	ABYG18LVTB	0.45	2.5mm ²	0	200V-50Hz
FM	Indoor	Slim duct(Drain pump internal)	ARYG07LLTA	0.41	2.5mm ²	0	200V-50Hz
FM	Indoor	Slim duct(Drain pump internal)	ARYG09LLTA	0.38	2.5mm ²	0	200V-50Hz
FM	Indoor	Slim duct(Drain pump internal)	ARYG12LLTB	0.44	2.5mm ²	0	200V-50Hz
FM	Indoor	Slim duct(Drain pump internal)	ARYG14LLTB	0.64	2.5mm ²	0	200V-50Hz
FM	Indoor	Slim duct(Drain pump internal)	ARYG18LLTB	0.55	2.5mm ²	0	200V-50Hz
FM	Indoor	Wall mounted	ASYG07LJCA	0.17	2.5mm ²	0	200V-50Hz
FM	Indoor	Wall mounted	ASYG09LJCA	0.19	2.5mm ²	0	200V-50Hz

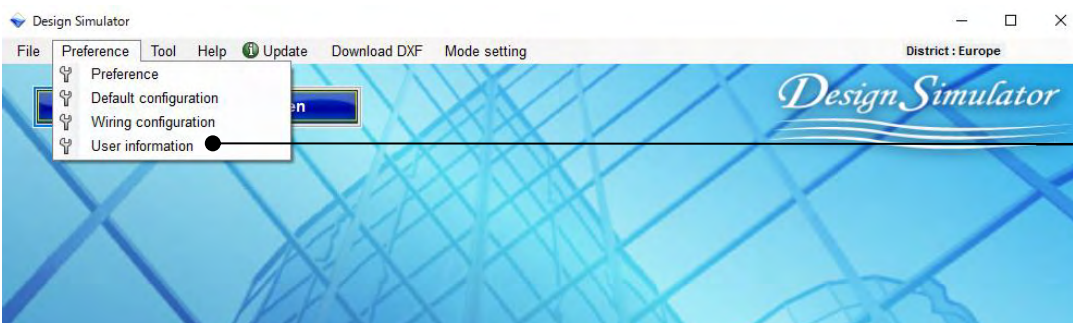
OK | Close



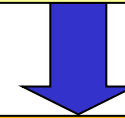
The display value of the “wiring diagram” can be changed depending on the series
“Breaker (A)” cannot be changed for the indoor unit

Initial settings (User information)

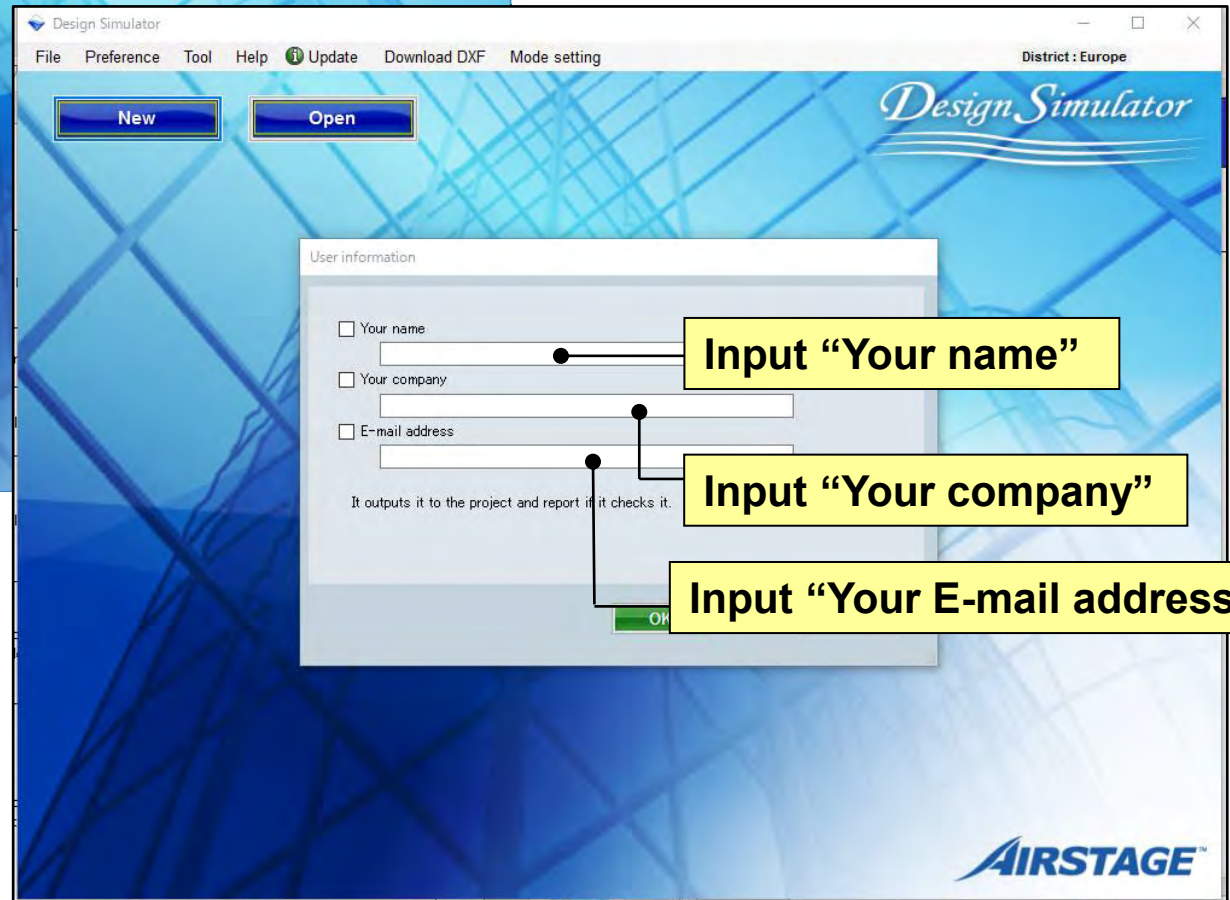
Design Simulator



Select "User information"



Open "User information menu"



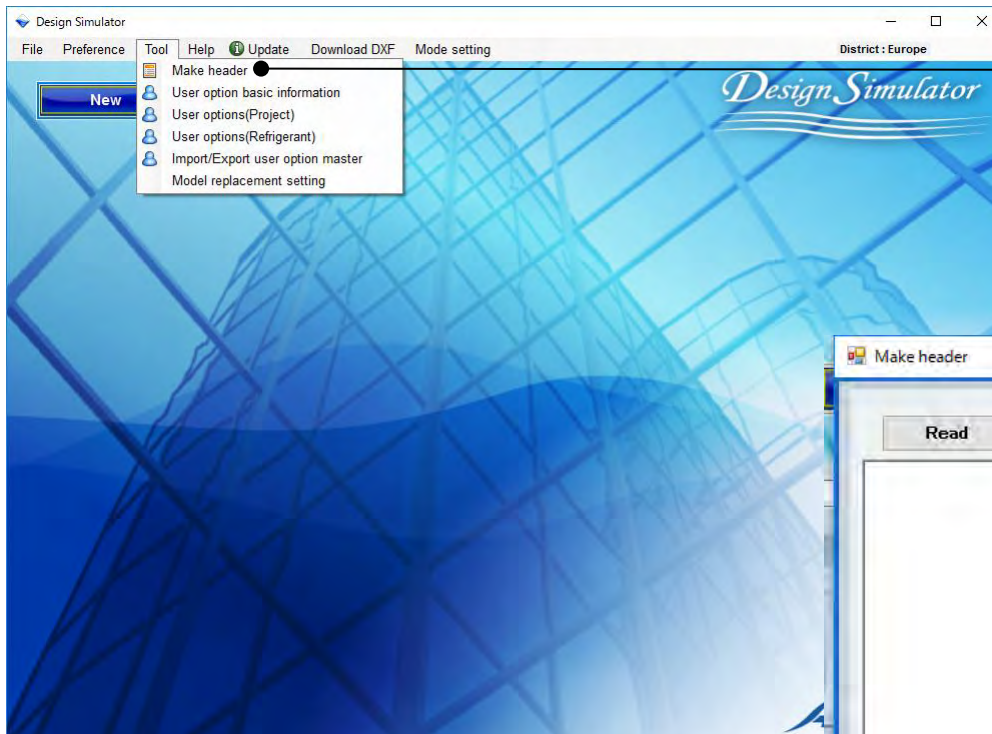
Input "Your name"

Input "Your company"

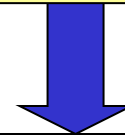
Input "Your E-mail address"

Initial settings

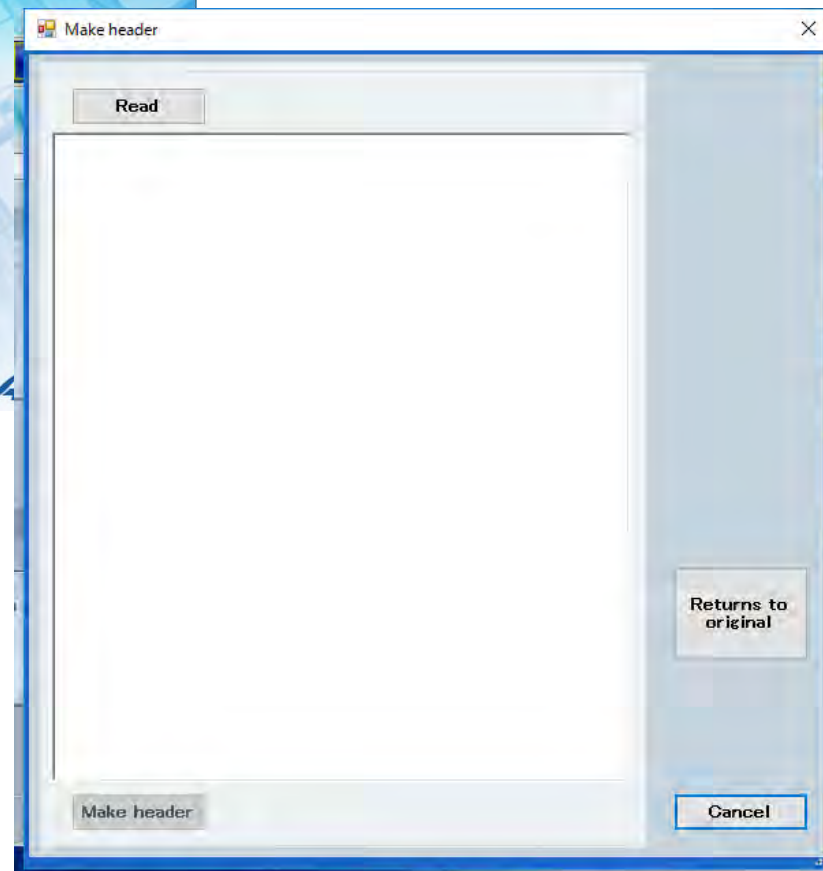
Design Simulator



Select "Make header"

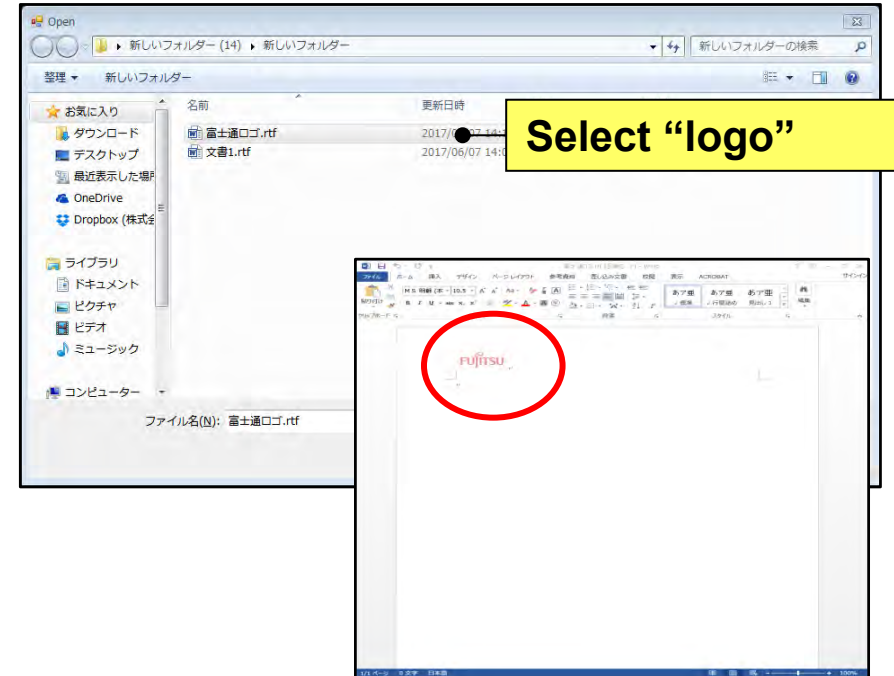
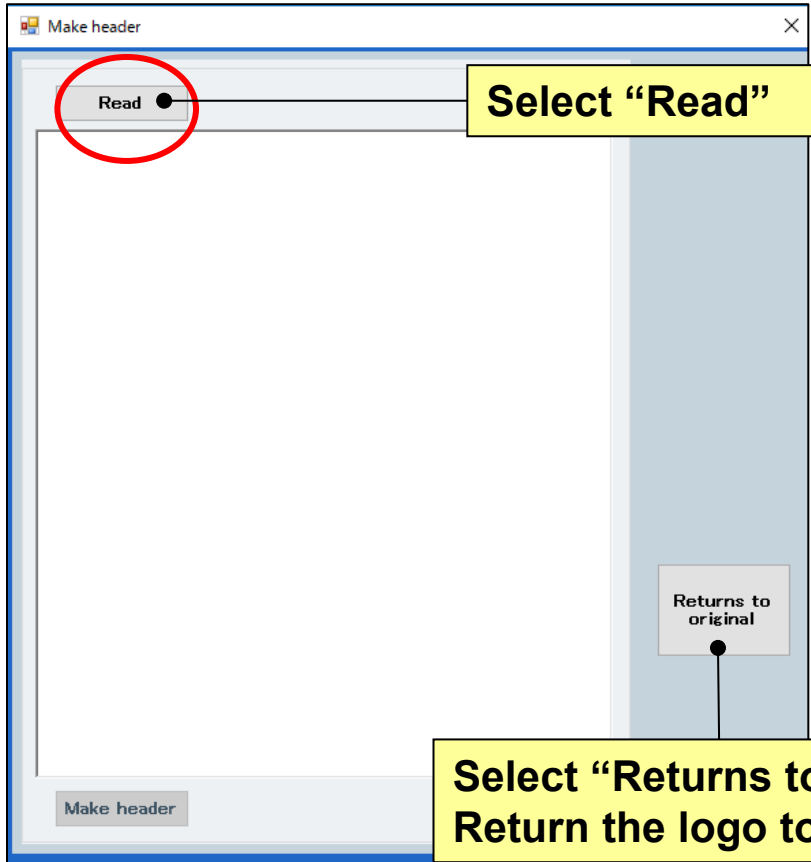


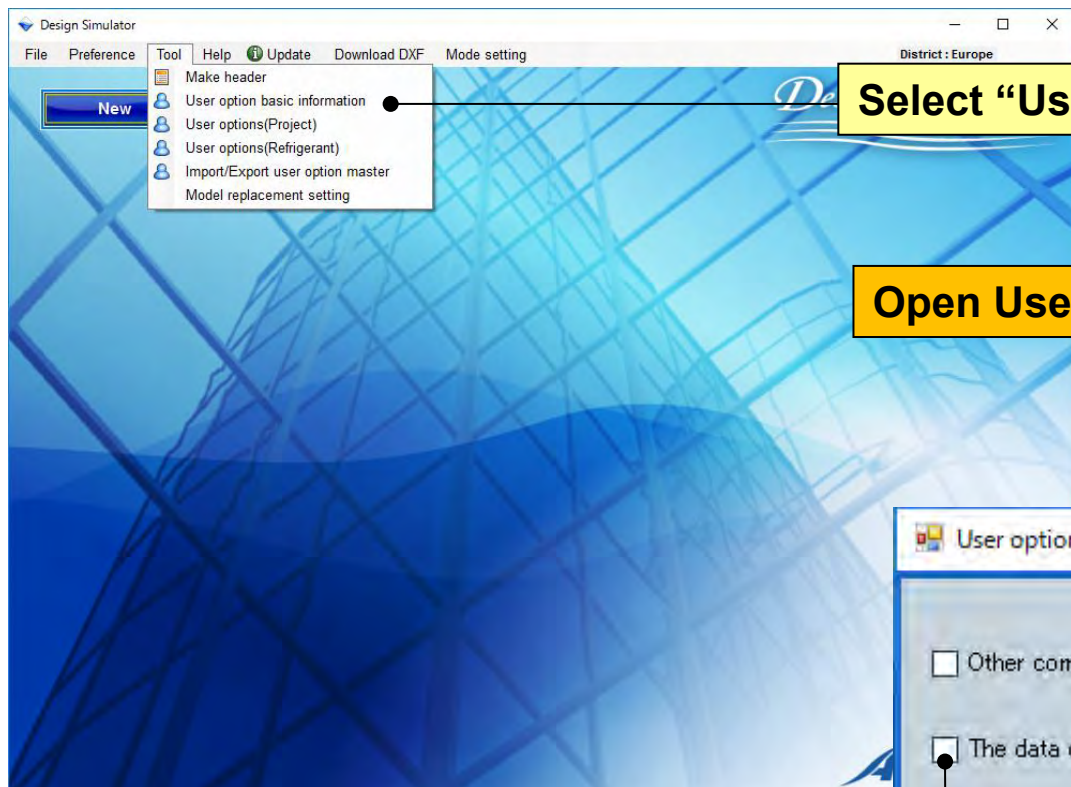
Open Make header



Make header

The report header logo can be freely changed for each company

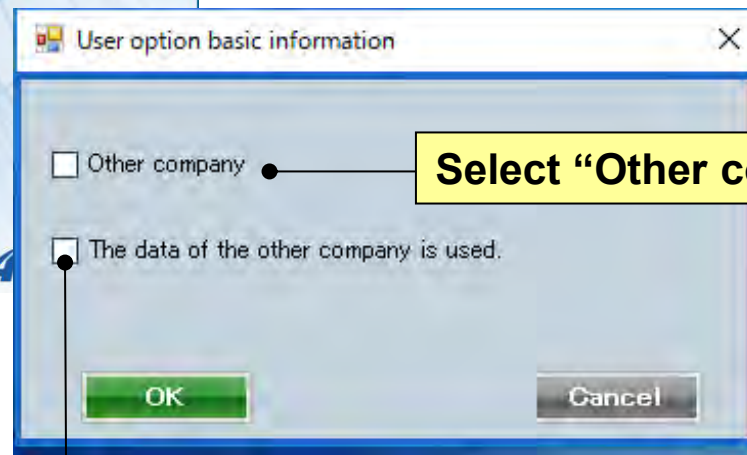




Select "User option basic information"



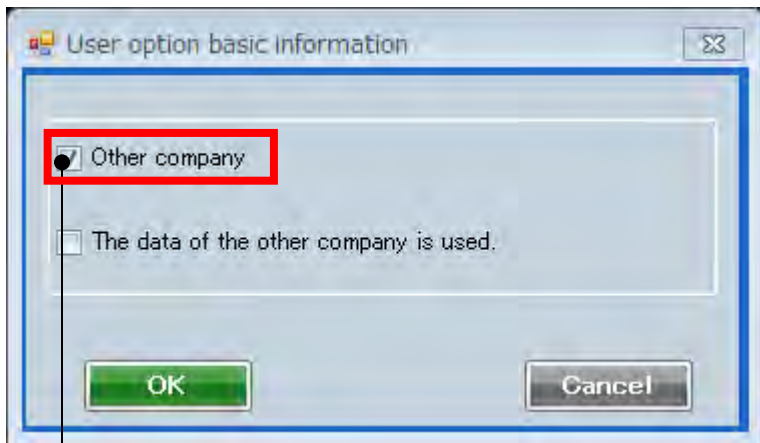
Open User option basic information menu



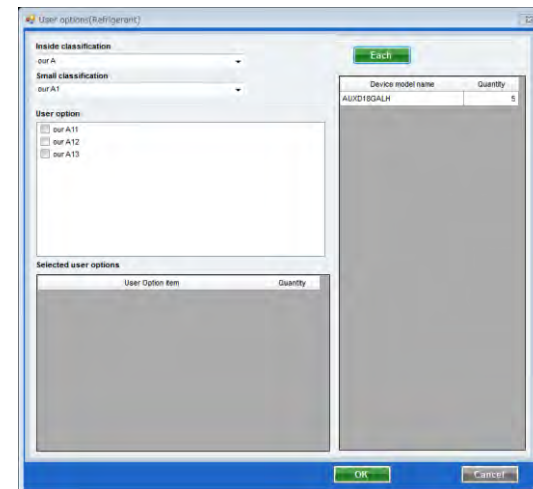
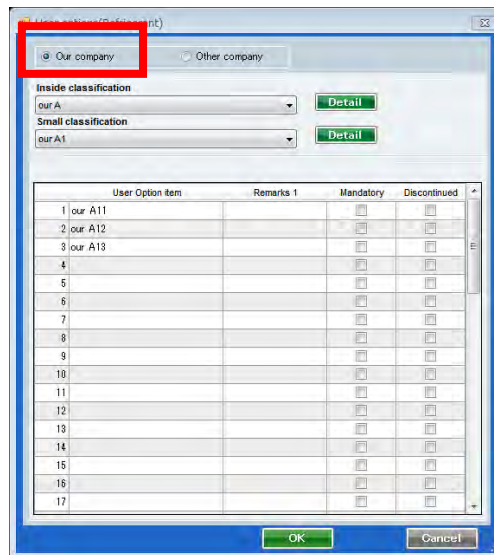
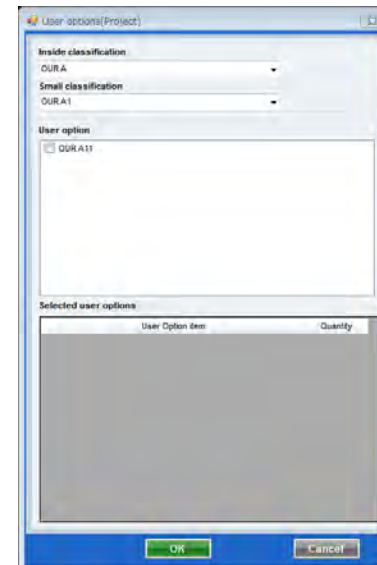
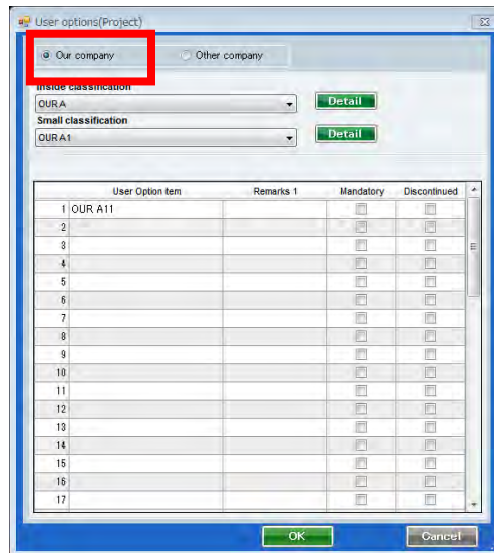
Select "Other company"

Select "The date of the other company is used."

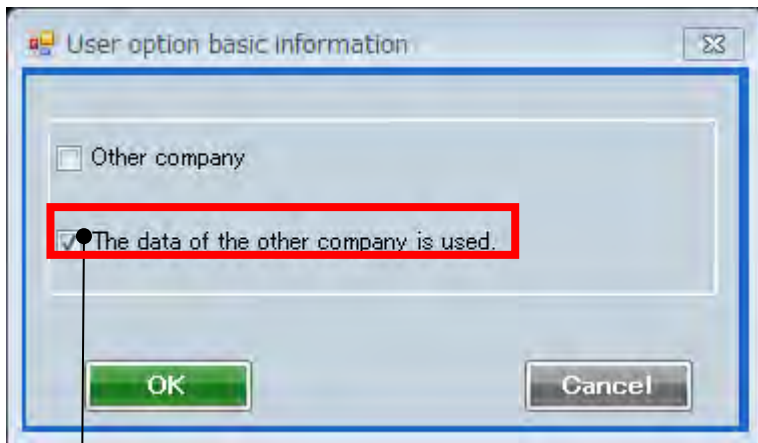
User option basic information



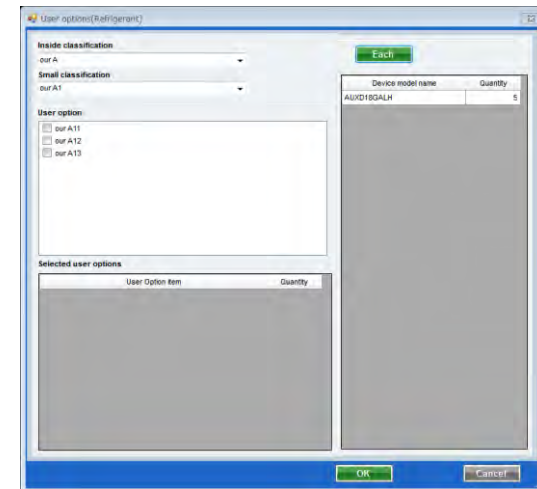
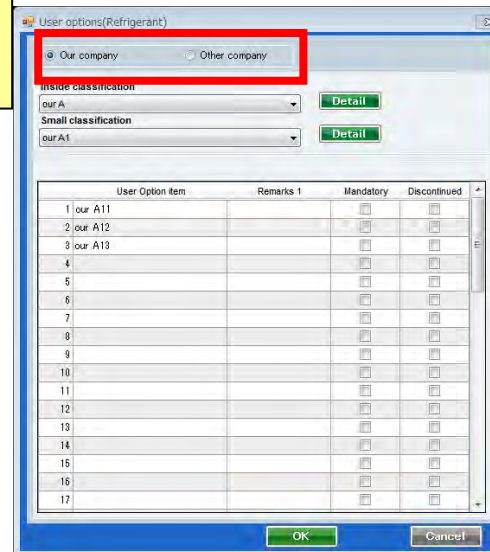
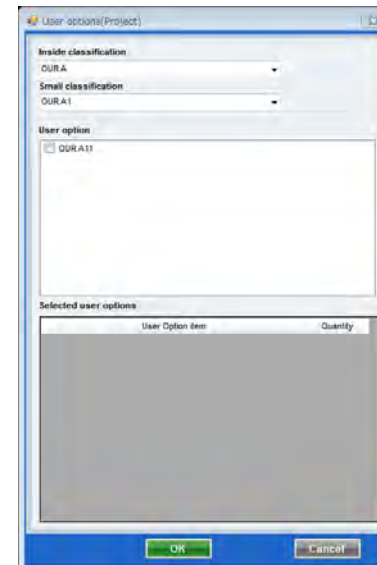
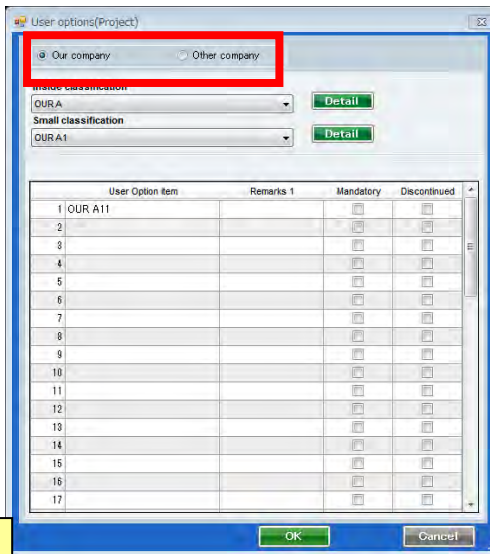
Only the options registered in your company can be selected



User option basic information

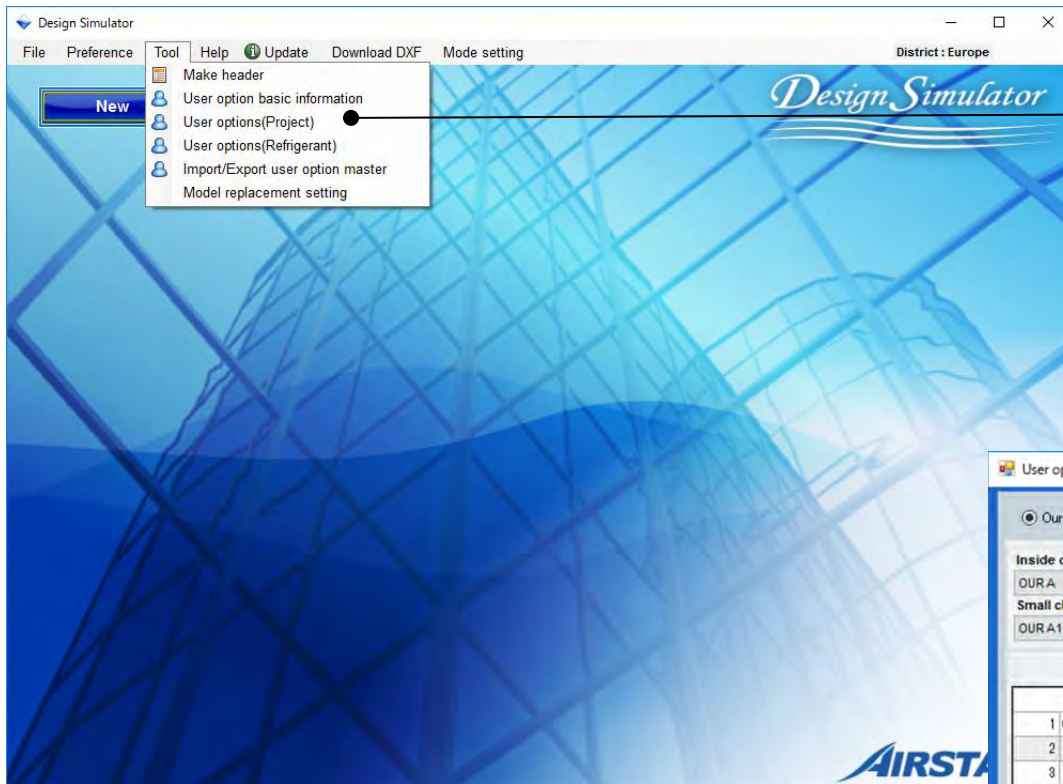


Both the options registered in your company and the other company can be selected

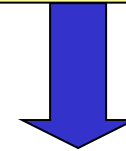


Initial settings

Design Simulator



Select "User option (Project)"



Open "User option (Project)"

The 'User options(Project)' dialog box is shown. It has two radio buttons at the top: 'Our company' (selected) and 'Other company'. Below are two sections for classification:

- Inside classification:** A dropdown menu set to 'OUR A' with a 'Detail' button to its right.
- Small classification:** A dropdown menu set to 'OUR A1' with a 'Detail' button to its right.

Below these sections is a table with the following columns: 'User Option item', 'Remarks 1', 'Mandatory', and 'Discontinued'. The table contains 17 rows, with the first row (1) containing 'OUR A' and a checked box in the 'Discontinued' column.

User Option item	Remarks 1	Mandatory	Discontinued
1 OUR A		<input type="checkbox"/>	<input checked="" type="checkbox"/>
2		<input type="checkbox"/>	<input type="checkbox"/>
3		<input type="checkbox"/>	<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>
5		<input type="checkbox"/>	<input type="checkbox"/>
6		<input type="checkbox"/>	<input type="checkbox"/>
7		<input type="checkbox"/>	<input type="checkbox"/>
8		<input type="checkbox"/>	<input type="checkbox"/>
9		<input type="checkbox"/>	<input type="checkbox"/>
10		<input type="checkbox"/>	<input type="checkbox"/>
11		<input type="checkbox"/>	<input type="checkbox"/>
12		<input type="checkbox"/>	<input type="checkbox"/>
13		<input type="checkbox"/>	<input type="checkbox"/>
14		<input type="checkbox"/>	<input type="checkbox"/>
15		<input type="checkbox"/>	<input type="checkbox"/>
16		<input type="checkbox"/>	<input type="checkbox"/>
17		<input type="checkbox"/>	<input type="checkbox"/>

At the bottom of the dialog box are 'OK' and 'Cancel' buttons.

User option(Project)(1/2)

User Option item	Remarks 1	Mandatory	Discontinued
1 OUR A		<input type="checkbox"/>	<input checked="" type="checkbox"/>
2		<input type="checkbox"/>	<input type="checkbox"/>
3		<input type="checkbox"/>	<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>
5		<input type="checkbox"/>	<input type="checkbox"/>
6		<input type="checkbox"/>	<input type="checkbox"/>
7		<input type="checkbox"/>	<input type="checkbox"/>
8		<input type="checkbox"/>	<input type="checkbox"/>
9		<input type="checkbox"/>	<input type="checkbox"/>
10		<input type="checkbox"/>	<input type="checkbox"/>
11		<input type="checkbox"/>	<input type="checkbox"/>
12		<input type="checkbox"/>	<input type="checkbox"/>
13		<input type="checkbox"/>	<input type="checkbox"/>
14		<input type="checkbox"/>	<input type="checkbox"/>
15		<input type="checkbox"/>	<input type="checkbox"/>
16		<input type="checkbox"/>	<input type="checkbox"/>
17		<input type="checkbox"/>	<input type="checkbox"/>



User Option item	Quantity
------------------	----------

Select "Discontinued"
The checked options are not displayed in the selection list

User option(Project)(2/2)

Our company Other company

Inside classification
OURA

Small classification
OURA1

User Option item	Remarks 1	Mandatory	Discontinued
1 OUR A		<input checked="" type="checkbox"/>	<input type="checkbox"/>
2		<input type="checkbox"/>	<input type="checkbox"/>
3		<input type="checkbox"/>	<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>
5		<input type="checkbox"/>	<input type="checkbox"/>
6		<input type="checkbox"/>	<input type="checkbox"/>
7		<input type="checkbox"/>	<input type="checkbox"/>
8		<input type="checkbox"/>	<input type="checkbox"/>
9		<input type="checkbox"/>	<input type="checkbox"/>
10		<input type="checkbox"/>	<input type="checkbox"/>
11		<input type="checkbox"/>	<input type="checkbox"/>
12		<input type="checkbox"/>	<input type="checkbox"/>
13		<input type="checkbox"/>	<input type="checkbox"/>
14		<input type="checkbox"/>	<input type="checkbox"/>
15		<input type="checkbox"/>	<input type="checkbox"/>
16		<input type="checkbox"/>	<input type="checkbox"/>
17		<input type="checkbox"/>	<input type="checkbox"/>



Design Simulator
File Preference Tool Help Update Download DXF Mode setting District : Europe

Project Name Management Number

Model Selection

VRF system
2017.06.07

Previous models

Price quote

Price list Quotation

Inside classification
OURA

Small classification
OURA1

User option
 OURA11

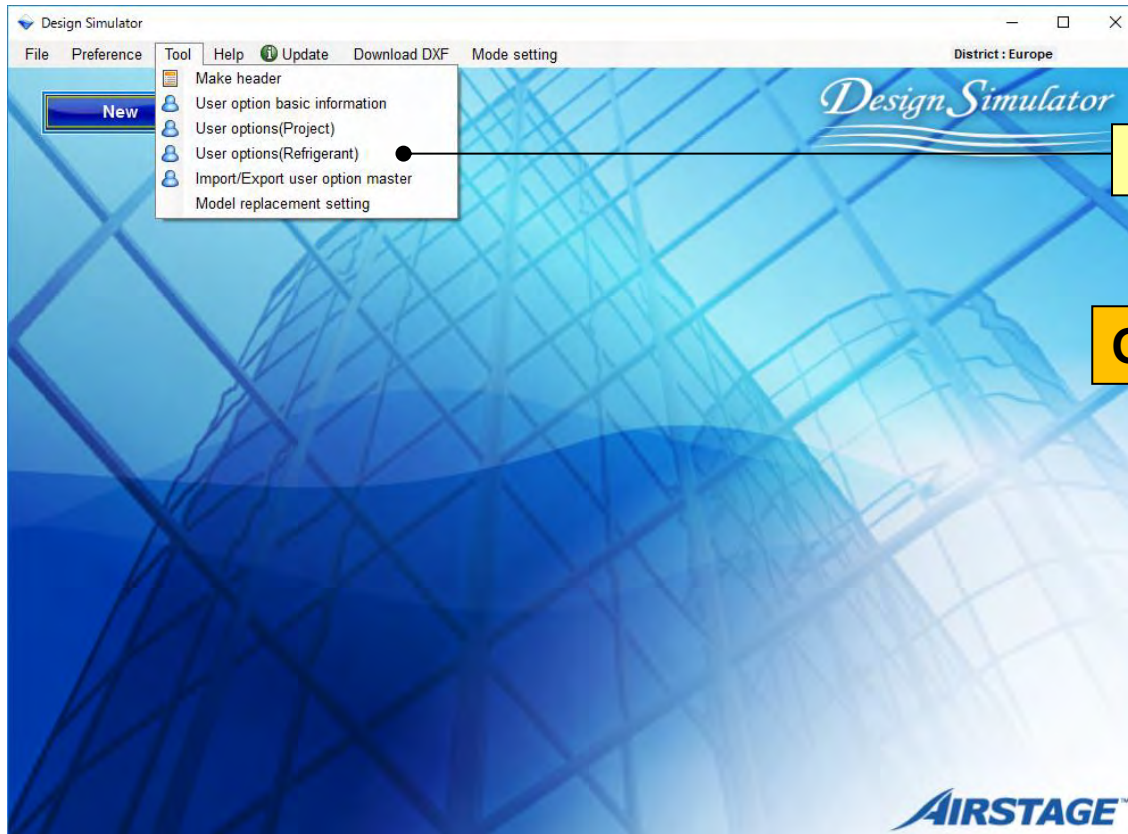
Selected user options

User Option item	Quantity
OURA11	1

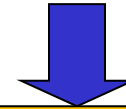
Select "Mandatory"
The checked options are always selected in the project

Initial settings

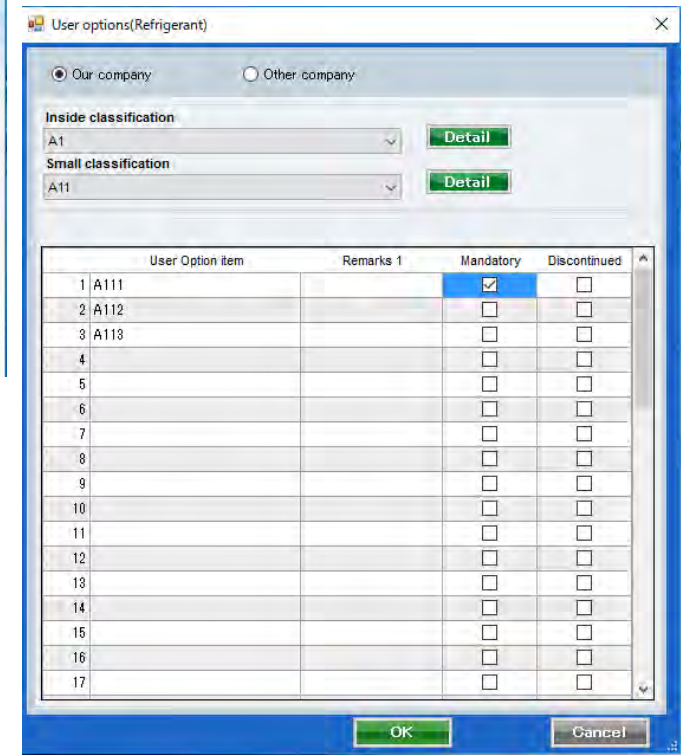
Design Simulator



Select "User option (Refrigerant)"



Open "User option (Refrigerant)"



The optional parts to be used individually can be registered.

User option(Refrigerant)(2/2)

User options(Refrigerant)

Our company Other company

Inside classification: A1 Detail

Small classification: A11 Detail

User Option item	Remarks 1	Mandatory	Discontinued
1 A111		<input type="checkbox"/>	<input checked="" type="checkbox"/>
2 A112		<input type="checkbox"/>	<input type="checkbox"/>
3 A113		<input type="checkbox"/>	<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>
5		<input type="checkbox"/>	<input type="checkbox"/>
6		<input type="checkbox"/>	<input type="checkbox"/>
7		<input type="checkbox"/>	<input type="checkbox"/>
8		<input type="checkbox"/>	<input type="checkbox"/>
9		<input type="checkbox"/>	<input type="checkbox"/>
10		<input type="checkbox"/>	<input type="checkbox"/>
11		<input type="checkbox"/>	<input type="checkbox"/>
12		<input type="checkbox"/>	<input type="checkbox"/>
13		<input type="checkbox"/>	<input type="checkbox"/>
14		<input type="checkbox"/>	<input type="checkbox"/>
15		<input type="checkbox"/>	<input type="checkbox"/>
16		<input type="checkbox"/>	<input type="checkbox"/>
17		<input type="checkbox"/>	<input type="checkbox"/>

OK Cancel

Wiring

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Wiring cable: Transmission line Power line

Distriet : Europe

User options(Refrigerant)

Inside classification: A1 Each

Small classification: A11

User option: A112 A113

Selected user options

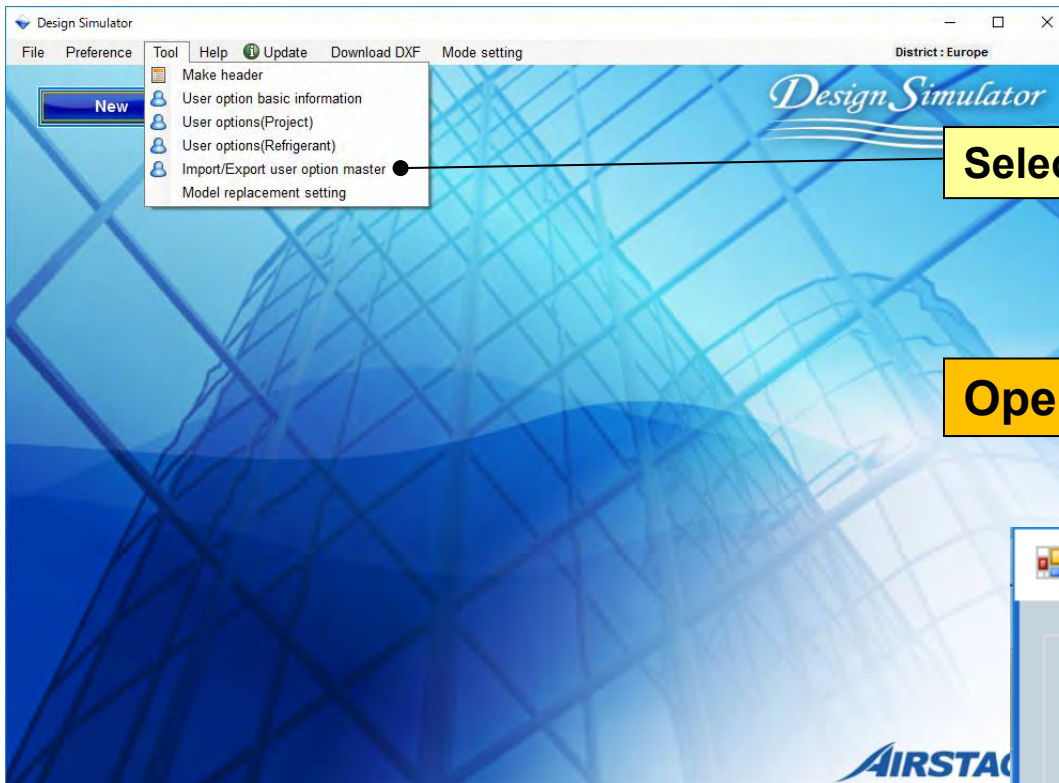
User Option item	Quantity
------------------	----------

OK Cancel

Select "User option"

Select "Dis continued"

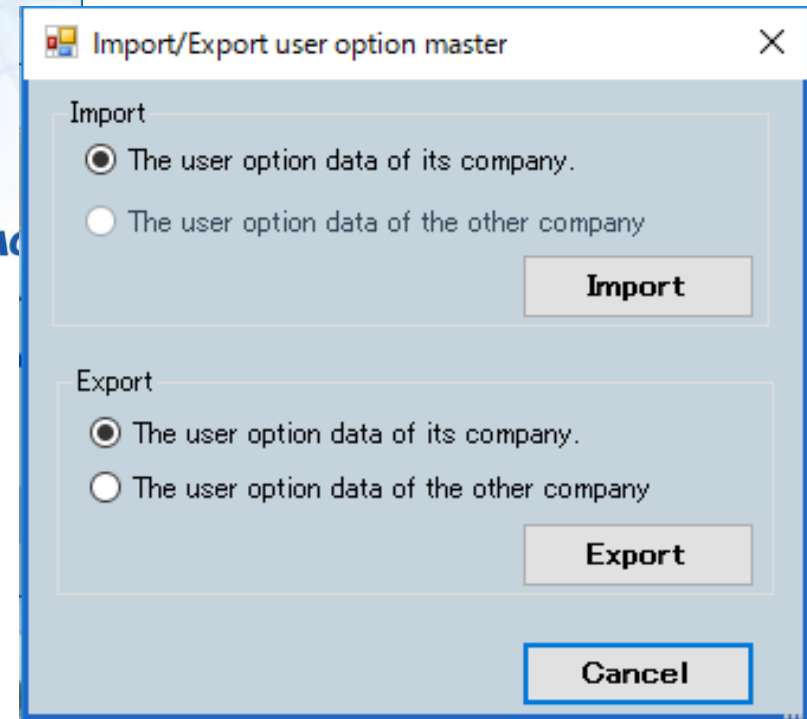
The checked options are not displayed in the selection list



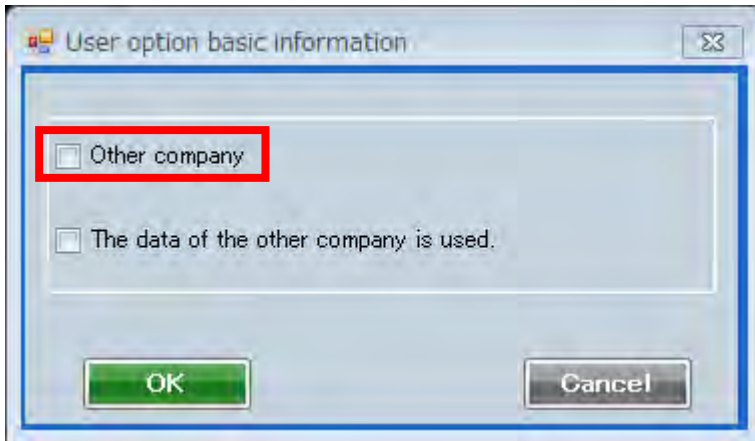
Select "Import/Export user option master"



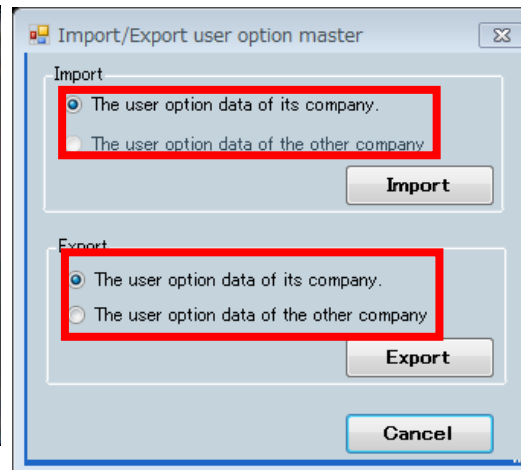
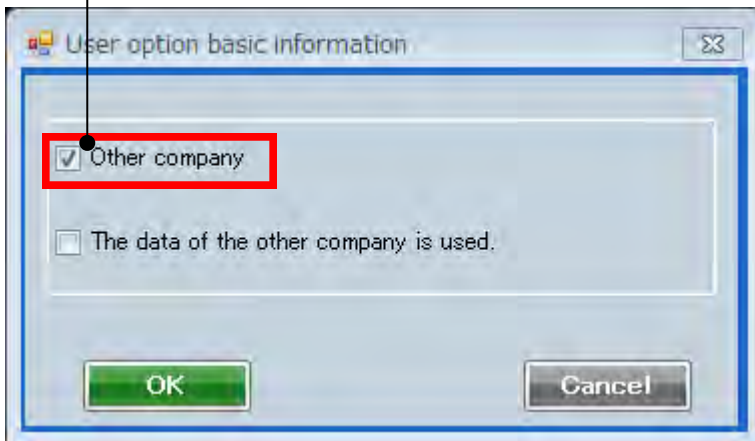
Open "User option basic information"



Import/Export user option master(1/2)



Select "Other company"

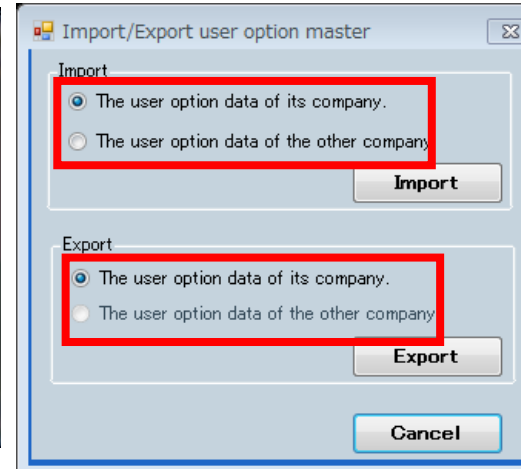


Import:

Only "The user option data of its company" can be selected.

Export:

Both items can be selected.



Import:

Both items can be selected.

Export:

Only "The user option data of its company" can be selected.

Import/Export user option master(2/2)

Import/Export user option master

Import

The user option data of its company.
 The user option data of the other company

Export

The user option data of its company.
 The user option data of the other company

Buttons: Import, Export, Cancel

Export:

Select “The user option data of its company.”
Only the data registered for your company will be exported. (*.uof)

Select “The user option data of the other company.”
Only the data registered for the other company will be exported. (*.uof)

Import/Export user option master

Import

The user option data of its company.
 The user option data of the other company

Export

The user option data of its company.
 The user option data of the other company

Buttons: Import, Export, Cancel

Import:

Select “The user option data of its company.”
The data of your company can be imported. (*.uof)

Select “The user option data of the other company.”
The data of the other company can be imported. (*.uof)

Select "Model replacement setting"

Open "Model replacement setting"

Select "Import"

Select "Export"

Select "sort"

Select "Clear"

Select "Search"

Select "New"

Select "Add"

Design Simulator

File Preference Tool Help Update Download DXF Mode setting

New

- Make header
- User option basic information
- User options(Project)
- User options(Refrigerant)
- Import/Export user option master
- Model replacement setting

District : Euro

Design Simulator

Table name
Replacement table - 01 maintenance

Search Model

Unit
Indoor

What model (before replacement) replace with (after replacement)

Model	RC C (kW)	RC H (kW)	Unit	Type	Model	RC C (kW)	RC H (kW)
INDZ15A	1.7	1.9	Indoor	Compact cassette	AUXB04GALH	1.1	1.3
INDZ20A	2.2	2.5	Indoor	Compact cassette	AUXB07GALH	2.2	2.8
INDZ25A	2.8	3.2	Indoor	Compact cassette	AUXB09GALH	2.8	3.2
INDZ32A	3.6	4.0	Indoor	Compact cassette	AUXB12GALH	3.6	4.1
INDZ40A	4.5	5.0	Indoor	Compact cassette	AUXB14GALH	4.5	5.0
INDZ50A	5.6	6.3	Indoor	Compact cassette	AUXB18GALH	5.6	6.3
INDZ15A3	1.7	1.9	Indoor	Slim duct(Drain pump internal)	ARXD04GALH	1.1	1.3
INDZ20A3	2.2	2.5	Indoor	Slim duct(Drain pump internal)	ARXD07GALH	2.2	2.8
INDZ25A3	2.8	3.2	Indoor	Slim duct(Drain pump internal)	ARXD09GALH	2.8	3.2
INDZ32A3	3.6	4.0	Indoor	Slim duct(Drain pump internal)	ARXD12GALH	3.6	4.0
INDZ40A3	4.5	5.0	Indoor	Slim duct(Drain pump internal)	ARXD14GALH	4.5	5.0
INDZ50A3	5.6	6.3	Indoor	Slim duct(Drain pump internal)	ARXD18GALH	5.6	6.3
INDZ63A3	8.0	9.0	Indoor	Slim duct(Drain pump internal)	ARXD24GALH	7.1	8.0

Record

New +

delete

OK Cancel

model replacement setting(1/4)

The model can be registered which is to be replaced and after replacement with the model replacement function.

(1) Add New

(2) Input "Text"

(3) Select "indoor or outdoor"

(4) Select "Model information"

(5) Select "type"

(6) select "Unit"

Model	RC C (kW)	RC H (kW)	Unit	Type	Model	RC C (kW)	RC H (kW)
INDZ15A	1.7	1.9	Indoor	Compact cassette	AUXB04GALH	1.1	1.3
INDZ20A	2.2	2.5	Indoor	Compact cassette	AUXB07GALH	2.2	2.8
INDZ25A	2.8	3.2	Indoor	Compact cassette	AUXB09GALH	2.8	3.2
INDZ32A	3.6	4.0	Indoor				
INDZ40A	4.5	5.0	Indoor				
INDZ50A	5.6	6.3	Indoor				
INDZ15A3	1.7	1.9	Indoor				
INDZ20A3	2.2	2.5	Indoor				
INDZ25A3	2.8	3.2	Indoor				
INDZ32A3	3.6	4.0	Indoor				
INDZ40A3	4.5	5.0	Indoor				
INDZ50A3	5.6	6.3	Indoor				
INDZ63A3	8.0	9.0	Indoor				

Image	Name	Capa C (kW)	Capa H (kW)	Airflow (l/s)	Sp (Pa)	Sound (dB)	WxHxD (mm)	Weight (kg)	Pip (mm)
	AUXB04GALH	1.1	1.3	97.2/125/147.2		25/30/34	245x570x570	14.50	6.35x
	AUXB04GBLH	1.1	1.3	97.2/125/147.2		21/28/34	245x570x570	14.50	6.35x
	AUXB07GALH	2.2	2.8	97.2/125/147.2					
	AUXB09GALH	2.8	3.2	97.2/125/147.2					
	AUXB12GALH	3.6	4.1	108.3/147.2/163.3					
	AUXB14GALH	4.5	5.0	108.3/163.3/181.1					
	AUXB18GALH	5.6	6.3	111.1/161.1/181.1					
	AUXB24GALH	7.1	8.0	125/230.5/250					

Unit	Type	Model	RC C (kW)	RC H (kW)
Indoor	Compact cassette	AUXB04GALH	1.1	1.3
Indoor	Compact cassette	AUXB07GALH	2.2	2.8
Indoor	Compact cassette	AUXB09GALH	2.8	3.2
Indoor	Compact cassette	AUXB12GALH	3.6	4.1
Indoor	Compact cassette	AUXB14GALH	4.5	5.0
Indoor	Compact cassette	AUXB18GALH	5.6	6.3
Indoor	Slim duct(Drain pump internal)	ARXD04GALH	1.1	1.3
Indoor	Slim duct(Drain pump internal)	ARXD07GALH	2.2	2.8
Indoor	Slim duct(Drain pump internal)	ARXD09GALH	2.8	3.2
Indoor	Slim duct(Drain pump internal)	ARXD12GALH	3.6	4.0
Indoor	Slim duct(Drain pump internal)	ARXD14GALH	4.5	5.0
Indoor	Slim duct(Drain pump internal)	ARXD18GALH	5.6	6.3
Indoor	Slim duct(Drain pump internal)	ARXD24GALH	7.1	8.0

model replacement setting(2/4)

Table name: Replacement table - 01 | maintenance | Import | Export

Search Model: | Search | Clear | Edit Unit: Indoor

What model (before replacement)			Replace with (after replacement)				
Model	RC C (kW)	RC H (kW)	Unit	Type	Model	RC C (kW)	RC H (kW)
NDZ15A	1.7	1.9	door	Compact cassette	AUXB04GALH	1.1	1.3
NDZ20A	2.2	2.5	door	Compact cassette	AUXB07GALH	2.2	2.8
NDZ25A	2.8	3.2	door	Compact cassette	AUXB09GALH	2.8	3.2
NDZ32A	3.6	4.0	door	Compact cassette	AUXB12GALH	3.6	4.1
NDZ40A	4.5	5.0	door	Compact cassette	AUXB14GALH	4.5	5.0
NDZ50A	5.6	6.3	door	Compact cassette	AUXB18GALH	5.6	6.3
NDZ15A3	1.7	1.9	door	Slim duct(Drain pump internal)	ARXD04GALH	1.1	1.3
NDZ20A3	2.2	2.5	door	Slim duct(Drain pump internal)	ARXD07GALH	2.2	2.8
NDZ25A3	2.8	3.2	door	Slim duct(Drain pump internal)	ARXD09GALH	2.8	3.2
NDZ32A3	3.6	4.0	door	Slim duct(Drain pump internal)	ARXD12GALH	3.6	4.0
NDZ40A3	4.5	5.0	door	Slim duct(Drain pump internal)	ARXD14GALH	4.5	5.0
NDZ50A3	5.6	6.3	door	Slim duct(Drain pump internal)	ARXD18GALH	5.6	6.3
NDD63A3	8.0	9.0	door	Slim duct(Drain pump internal)	ARXD24GALH	7.1	8.0

Record: New + | delete | | |

OK | Cancel

The model to be replaced and the model after replacement can be registered with the model replacement function.

A. Model to be replaced (Optional text)

B. Model after replacement (Only the model of this company)

*Select from the list screen

model replacement setting(3/4)

Table name: Replacement table - 01

Search Model: [] Search Clear

What model (before replacement) | Replace with (after replacement)

Model	RC C (kW)	RC H (kW)	Unit	Type	Model	RC C (kW)	RC H (kW)
INDZ15A	1.7	1.9	Indoor	Compact cassette	AUXB04GALH	1.1	1.3
INDZ20A	2.2	2.5	Indoor	Compact cassette	AUXB07GALH	2.2	2.8
INDZ25A	2.8	3.2	Indoor	Compact cassette	AUXB09GALH		
INDZ32A	3.6	4.0	Indoor	Compact cassette	AUXB12GALH		
INDZ40A	4.5	5.0	Indoor	Compact cassette	AUXB14GALH		
INDZ50A	5.6	6.3	Indoor	Compact cassette	AUXB18GALH	5.6	6.3
INDZ15A3	1.7	1.9	Indoor	Slim duct(Drain pump internal)	ARXD04GALH	1.1	1.3
INDZ20A3	2.2	2.5	Indoor	Slim duct(Drain pump internal)	ARXD07GALH	2.2	2.8
INDZ25A3	2.8	3.2	Indoor	Slim duct(Drain pump internal)	ARXD09GALH	2.8	3.2
INDZ32A3	3.6	4.0	Indoor	Slim duct(Drain pump internal)	ARXD12GALH	3.6	4.0
INDZ40A3	4.5	5.0	Indoor	Slim duct(Drain pump internal)	ARXD14GALH	4.5	5.0
INDZ50A3	5.6	6.3	Indoor	Slim duct(Drain pump internal)	ARXD18GALH	5.6	6.3
INDZ63A3	8.0	9.0	Indoor	Slim duct(Drain pump internal)	ARXD24GALH	7.1	8.0

Select "maintenance"
The multiple replacement tables can be selected

Open "Model replacement setting"

Select "New"

Select "rename"

Select "delete"

Select "order"

List maintenance

New rename delete

Table name

- Replacement table-01
- Replacement table-02

OK Cancel

model replacement setting(4/4)

Model replacement setting

Table name: Replacement table - 01

Buttons: maintenance, Import, Export

Search Model: [] Search Clear

Unit: Indoor

What model (before replacement)		Replace with (after replacement)					
Model	RC C (kW)	RC H (kW)	Unit	Type	Model	RC C (kW)	RC H (kW)
INDZ15A	1.7	1.9	Indoor	Compact cassette	AUXB04GALH	1.1	1.3
INDZ20A	2.2	2.5	Indoor	Compact cassette	AUXB07GALH	2.2	2.8
INDZ25A	2.8	3.2	Indoor	Compact cassette	AUXB09GALH	2.8	3.2
INDZ32A	3.6	4.0	Indoor	Compact cassette	AUXB12GALH	3.6	4.1
INDZ40A	4.5	5.0	Indoor	Compact cassette	AUXB14GALH	4.5	5.0
INDZ50A	5.6	6.3	Indoor	Compact cassette	AUXB18GALH	5.6	6.3
INDZ15A3	1.7	1.9	Indoor	Slim duct(Drain pump internal)	ARXD04GALH	1.1	1.3
INDZ20A3	2.2	2.5	Indoor	Slim duct(Drain pump internal)	ARXD07GALH	2.2	2.8
INDZ25A3	2.8	3.2	Indoor	Slim duct(Drain pump internal)	ARXD09GALH	2.8	3.2
INDZ32A3	3.6	4.0	Indoor	Slim duct(Drain pump internal)	ARXD12GALH	3.6	4.0
INDZ40A3	4.5	5.0	Indoor	Slim duct(Drain pump internal)	ARXD14GALH	4.5	5.0
INDZ50A3	5.6	6.3	Indoor	Slim duct(Drain pump internal)	ARXD18GALH	5.6	6.3
INDD83A3	8.0	9.0	Indoor	Slim duct(Drain pump internal)	ARXD24GALH	7.1	8.0

Record: New, delete

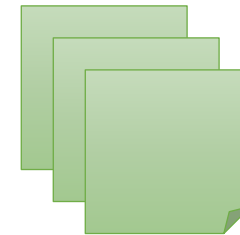
Table selection

OK Cancel

(1) Maintenance (e.g. table addition and deletion)

What model	Replace with
ARV11Z15H	ARV11Z15H
ARV11Z20H	ARV11Z20H
ARV11Z25H	ARV11Z25H
ARV11Z32H	ARV11Z32H
ARV11Z40H	ARV11Z40H
ARV11Z50H	ARV11Z50H
ARV11Z15H3	ARV11Z15H3
ARV11Z20H3	ARV11Z20H3
ARV11Z25H3	ARV11Z25H3
ARV11Z32H3	ARV11Z32H3
ARV11Z40H3	ARV11Z40H3
ARV11Z50H3	ARV11Z50H3
ARV11Z15H3	ARV11Z15H3
ARV11Z20H3	ARV11Z20H3
ARV11Z25H3	ARV11Z25H3
ARV11Z32H3	ARV11Z32H3
ARV11Z40H3	ARV11Z40H3
ARV11Z50H3	ARV11Z50H3

(2) Import/export of each table



- (1) The multiple replacement tables can be registered.
- (2) The data of each table can be imported/exported.

The image shows the Design Simulator software interface with an 'Update' dialog box open. The main window has a menu bar with 'File', 'Preference', 'Tool', 'Help', 'Update', 'Download DXF', and 'Mode setting'. The 'Update' menu item is circled in red. Below the menu bar are 'New' and 'Open' buttons. The background features the 'Design Simulator' logo and 'AIRSTAGE' branding.

The 'Update' dialog box displays the following information:

- Design Simulator
- Design Simulator Ver.3.1.3.02
- DB Ver.2017.05.25
- Design Simulator_Installation Ver.1.0.0.0
- Design Simulator_Installation DB Ver.2017.06.01
- Copyright (c) 2010 Fujitsu General Limited. All rights reserved.

On the right side of the dialog box, there are four radio buttons and three buttons:

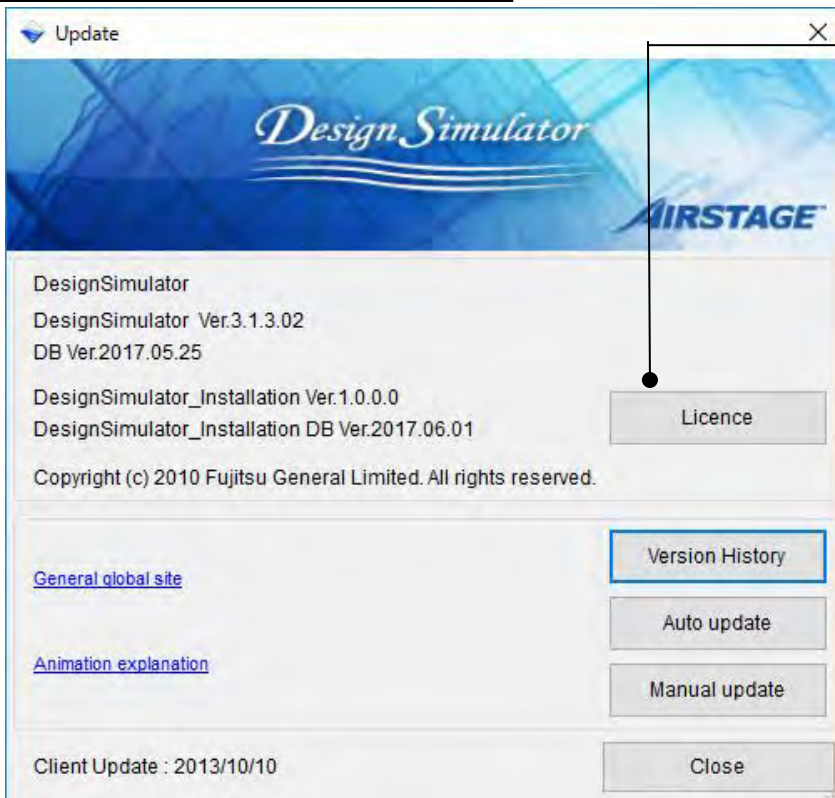
- Licence
- Version History
- Manual update
- Auto update
- Close

At the bottom left of the dialog box, there are two links: [General global site](#) and [Animation explanation](#). The 'Client Update' date is shown as 2013/10/10.

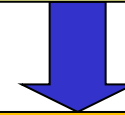
Callout boxes with yellow backgrounds and black text provide instructions:

- Select "Update"**: Points to the 'Update' menu item in the main window.
- Select "Licence"**: Points to the 'Licence' radio button in the dialog box.
- Select "Version History"**: Points to the 'Version History' radio button in the dialog box.
- Select "Manual update"**: Points to the 'Manual update' radio button in the dialog box.

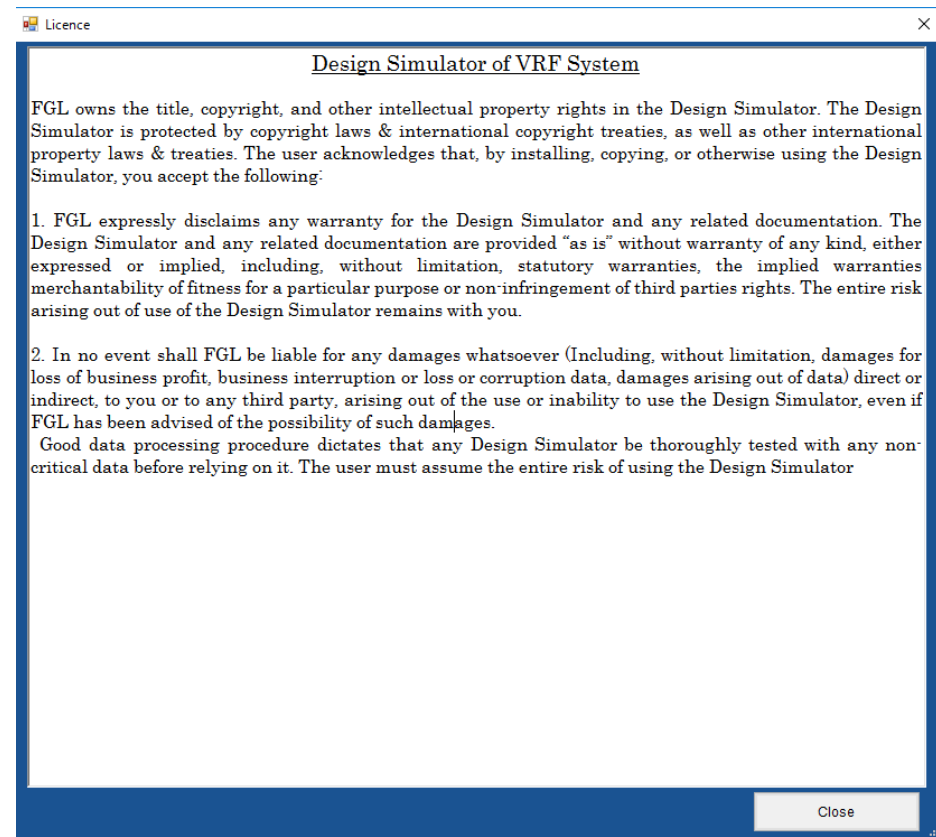
Update(1/3)



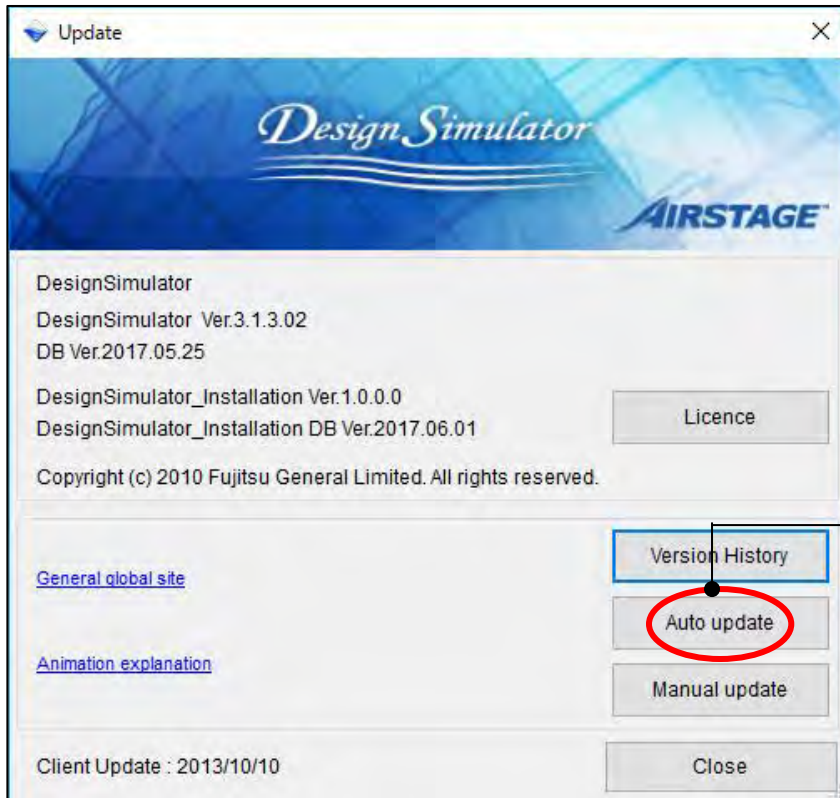
Select "Licence"



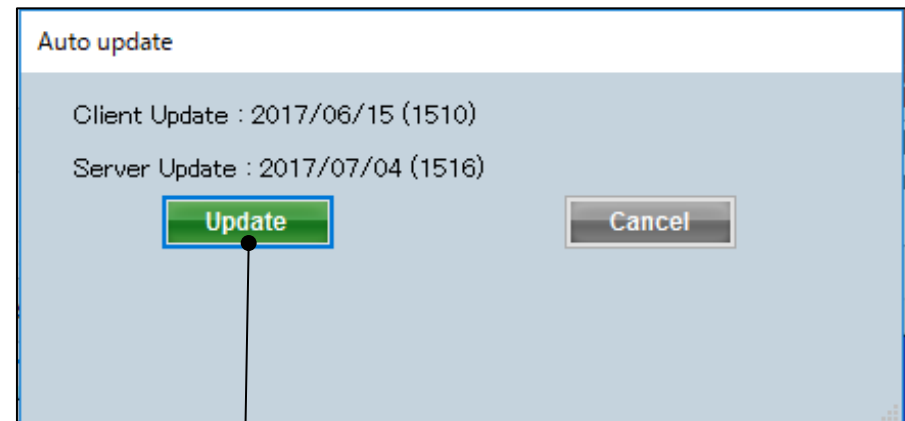
Open "Design Simulator of VRF System"



Update(2/3)

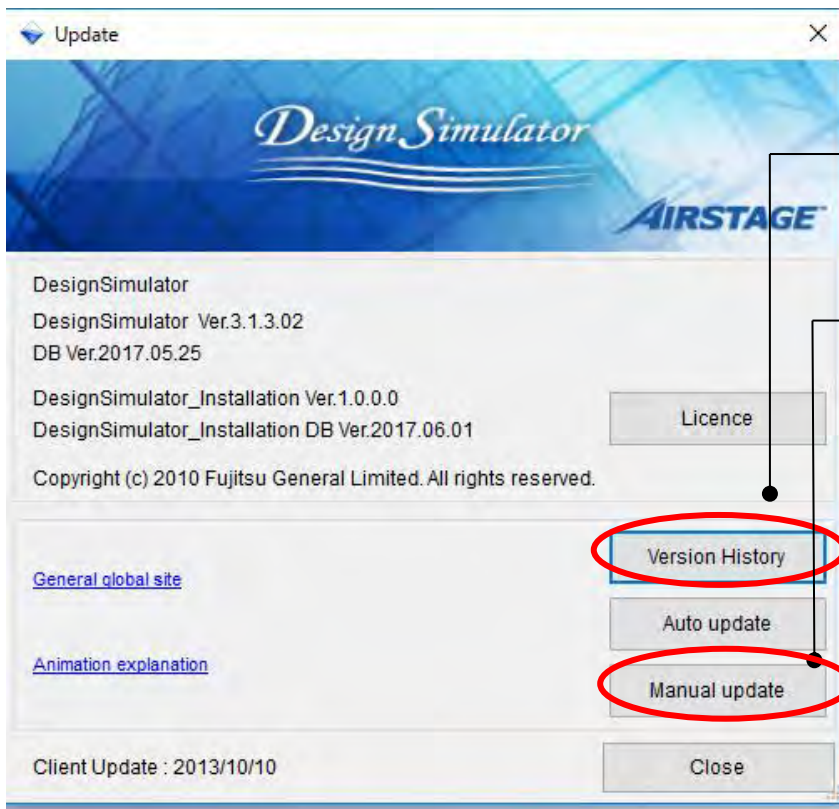


Select "Auto update"



When the "Update" button is pressed, the Design Simulator version is be updated

Update(3/3)



Select "Version History"

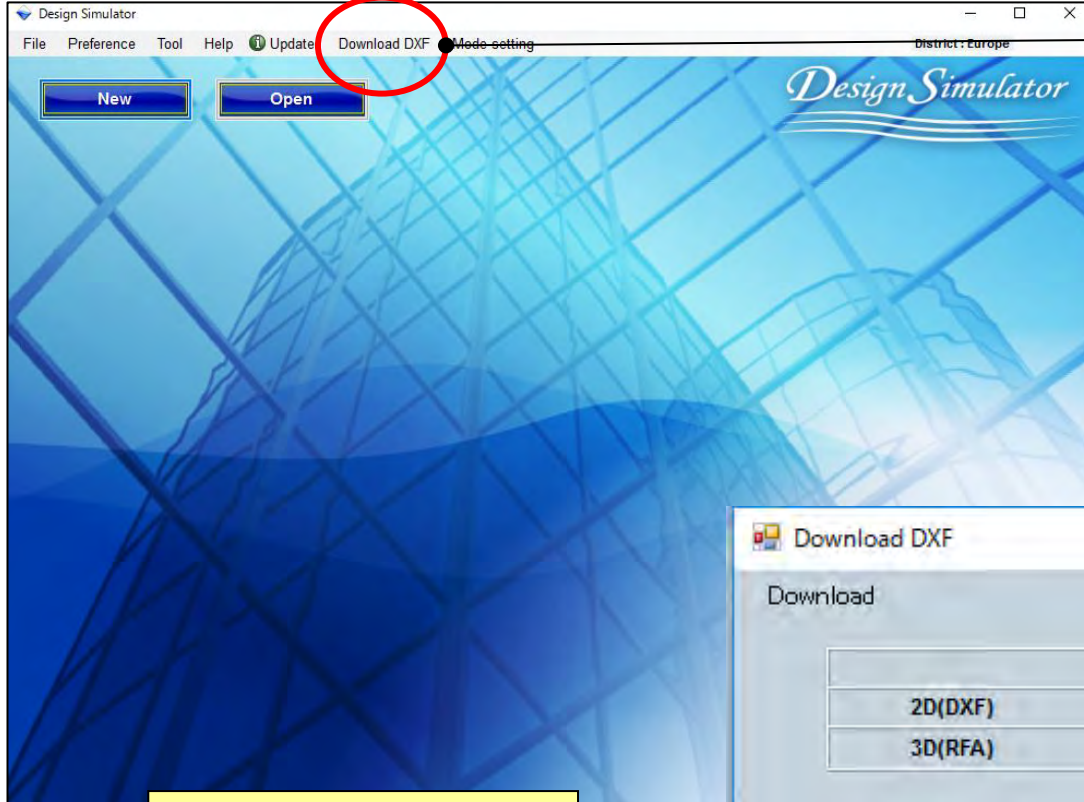
Select "Manual update"



The latest version information can be displayed by pressing "Version History / Version History"

Initial settings

Design Simulator

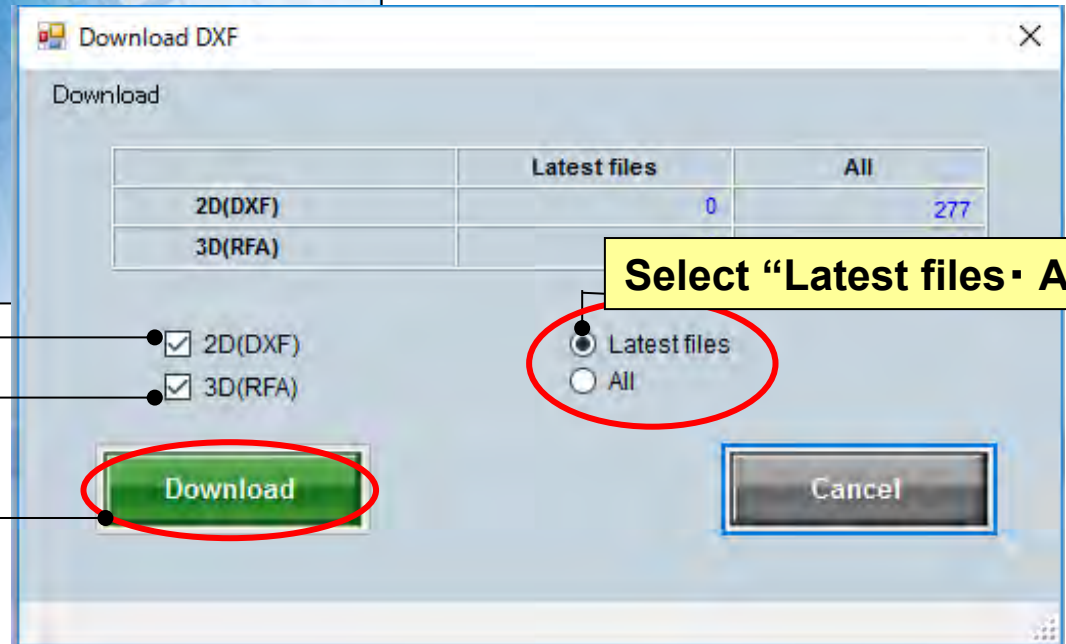


Select "Download DXF"

Select "2D (DXF)"

Select "3D (RFA)"

Select "Download"



Select "Latest files - All"

The image shows the initial settings process in the Design Simulator. The main window has a menu bar with 'File', 'Preference', 'Tool', 'Help', 'Update', 'Download DX', and 'Mode setting'. The 'Mode setting' menu item is circled in red. A yellow callout box points to it with the text 'Select "Mode setting"'. A blue arrow points down to another yellow callout box with the text 'Open "Model replacement setting"'. Below this, a 'Mode setting' dialog box is shown. It has a title bar 'Design Simulator - Mode setting'. Inside, there is a checked checkbox 'Always select mode with selection screen at startup' circled in red, with a yellow callout box 'Select "Mode setting"'. Below it are two radio button options: 'Normal mode' and 'Rapid mode - Simple user interface'. The 'Normal mode' radio button is selected and circled in red, with a yellow callout box 'Select "mode"'. At the bottom of the dialog are 'OK' and 'Cancel' buttons. A note at the bottom of the dialog reads '* This setting will be effective after restart.'

Select "Mode setting"

Open "Model replacement setting"

Select "Mode setting"

Select "mode"

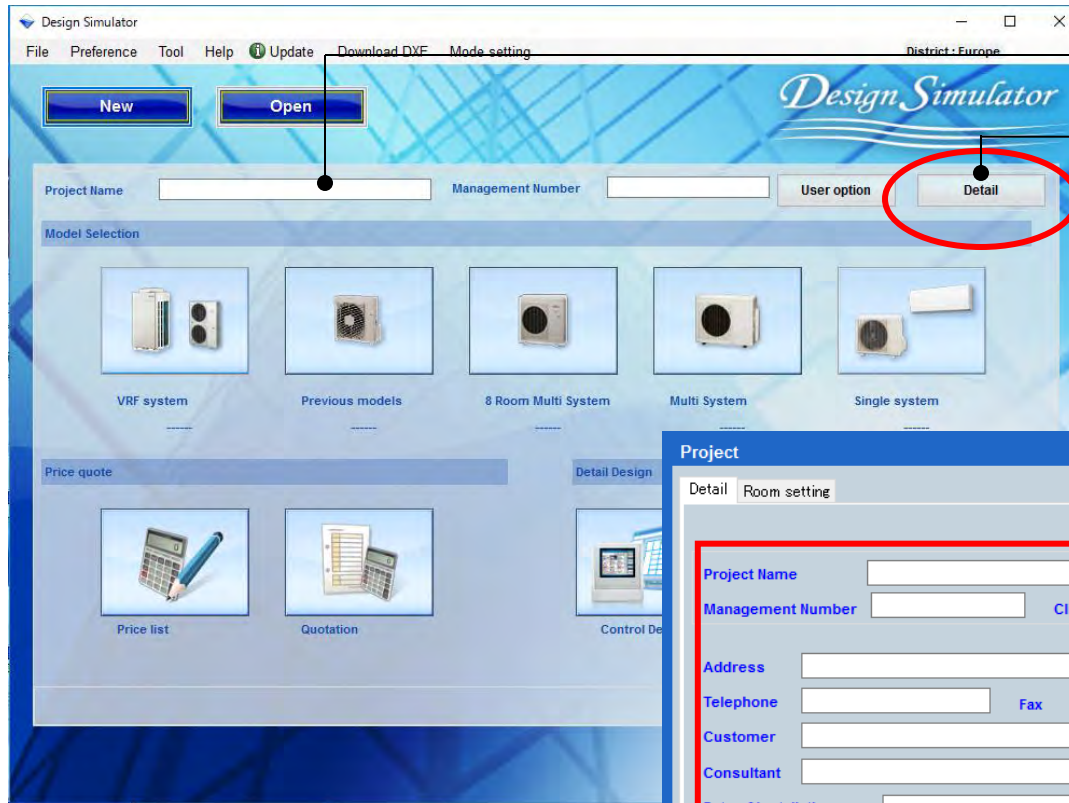
OK Cancel

* This setting will be effective after restart.

Normal mode or simple mode can be selected.

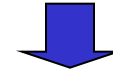
System settings(Detail)

Design Simulator



Input project name

Select "Detail"



Open project information screen

The screenshot shows the 'Project' information screen, which is a form for entering project details. The form is titled 'Project' and has two tabs: 'Detail' (selected) and 'Room setting'. The form fields are: 'Project Name' (input field), 'Management Number' (input field), 'Client Name' (input field), 'Building' (dropdown menu), 'Address' (input field), 'Telephone' (input field), 'Fax' (input field), 'e-Mail' (input field), 'Customer' (input field), 'Installer' (input field), 'Consultant' (input field), 'Construct' (input field), 'Date of installation' (input field), 'Commissioning start' (input field), 'Note' (text area), 'Your name' (input field), 'Your company' (input field), and 'E-mail address' (input field). The form is enclosed in a red border. At the bottom right, there are 'Cancel' and 'OK' buttons.

Room setting function

Select Floor

Add or Remove Floor

Displayed item setting

Project

Detail Room setting

Floor type Multi Floor

Floor All

Floor setting

Item setting

	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (RH %)	Tmp H (C)	Air space / person (m3)
1	Floor1	1F_Office	10.0	10.0	5.0	10	5	15	27	43.4	20	8
2	Floor1	2F_Conference1	20.0	20.0	8.0	20	10	30	27	43.4	20	22
3	Floor1	2F_Conference2	20.0	20.0	8.0	20	10	30	27	43.4	20	22
4	Floor1	1F_Office2_1	10.0	10.0	5.0	10	5	15	27	43.4	20	8
5	Floor1	1F_Office2_2	10.0	10.0	5.0	10	5	15	27	43.4	20	8
6	Floor1	1F_Office2_3	10.0	10.0	5.0	10	5	15	27	43.4	20	8
7	Floor1	1F_Office2_4	10.0	10.0	5.0	10	5	15	27	43.4	20	8
8	Floor1	1F_Office2_5	10.0	10.0	5.0	10	5	15	27	43.4	20	8
9	Floor1	1F_Office2_6	10.0	10.0	5.0	10	5	15	27	43.4	20	8
10	Floor1	1F_Office2_7	10.0	10.0	5.0	10	5	15	27	43.4	20	8

Set indoor unit to Room

Remove Floor

Collective setting

Remove

Cancel

OK

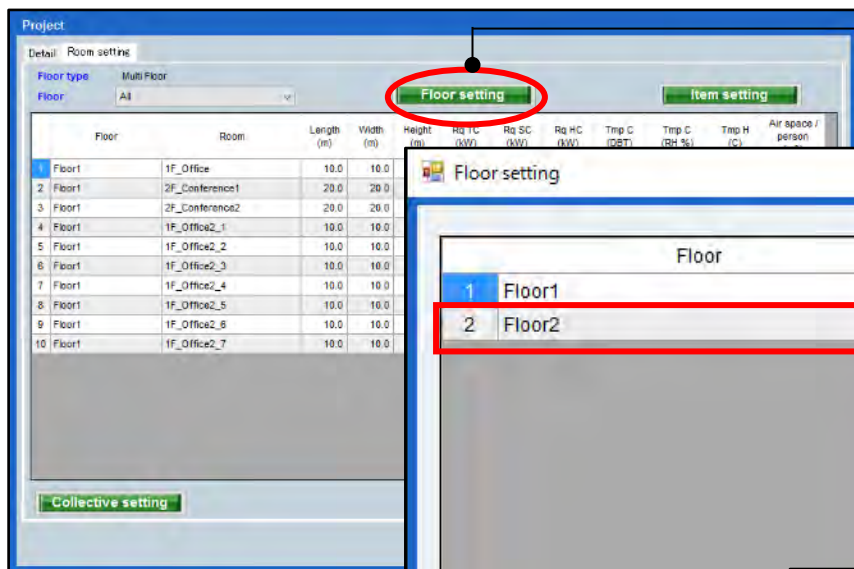
- 1. Set the number of floors and rooms of building**
- 2. Set indoor unit to each room of building**
- 3. Safety Measures Design**

1. Set the number of floors and rooms of building

2. Set indoor unit to each room of building

3. Safety Measures Design

Set the number of floors of building



Select "Floor setting"

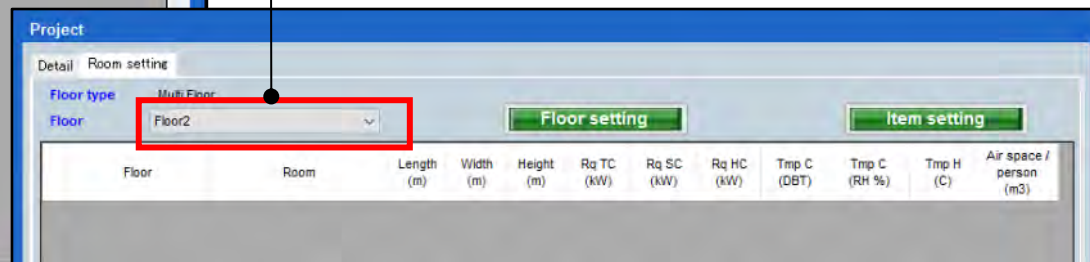
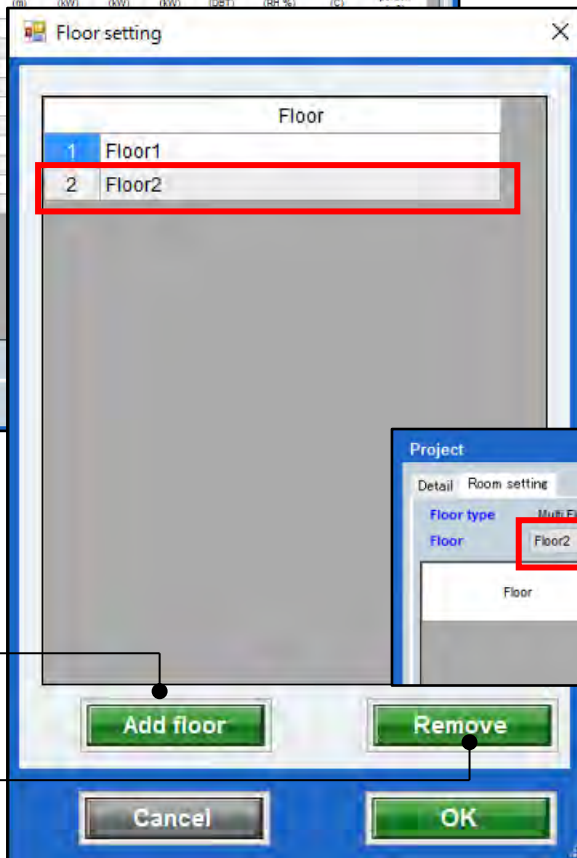
Open Floor setting screen

Floor can be added or removed

Floor2 can be added

Add Floor

Remove Floor



Set indoor unit to each room of building

Project

Detail Room setting

Floor type Multi Floor

Floor Floor2

Floor setting Item setting

Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (RH %)	Tmp H (C)	Air space / person (m3)
-------	------	------------	-----------	------------	------------	------------	------------	-------------	--------------	-----------	-------------------------

Collective setting

Add room Remove

Cancel OK

Add room to Floor

Remove room from Floor

Select "Add room"

Add or remove room

Room can be added to Floor2

Project

Detail Room setting

Floor type Multi Floor

Floor Floor2

Floor setting Item setting

	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (RH %)	Tmp H (C)	Air space / person (m3)
1	Floor2	2F_Conference1	20	20	8	20	10	30	27	43.4	20	22
2	Floor2	2F_Conference2	20	20	8	20	10	30	27	43.4	20	22

Room can be added to Floor2

Set the displayed item

The screenshot shows the 'Room settings' window with the 'Item setting' button highlighted in a red circle. The window displays a table with columns for Floor, Room, Length, Width, Height, Rq TC, Rq SC, Rq HC, Tmp C (DBT), Tmp C (RH %), Tmp H (C), and Air space / person (m3).

Select "Item setting"

Open Item setting screen

Displayed item can be set

Check the items you want to display

Checked items are displayed

Displayed item unit

Displayed item

Only unit can be changed for Air Space / person

11-18 can be set arbitrarily by user

Item	Unit	Use
1 Length	m	<input checked="" type="checkbox"/>
2 Width	m	<input checked="" type="checkbox"/>
3 Height	m	<input checked="" type="checkbox"/>
4 Rq TC	kW	<input checked="" type="checkbox"/>
5 Rq SC	kW	<input checked="" type="checkbox"/>
6 Rq HC	kW	<input checked="" type="checkbox"/>
7 Tmp C	DBT/RH %	<input checked="" type="checkbox"/>
8 Tmp C	DBT/RH %	<input checked="" type="checkbox"/>
9 Tmp H	C	<input checked="" type="checkbox"/>
10 Air space / person	m3	<input checked="" type="checkbox"/>
11 person	person	<input checked="" type="checkbox"/>
12 Remarks2		<input type="checkbox"/>
13 Remarks3		<input type="checkbox"/>
14 Remarks4		<input type="checkbox"/>
15 Remarks5		<input type="checkbox"/>
16 Remarks6		<input type="checkbox"/>
17 Remarks7		<input type="checkbox"/>
18 Remarks8		<input type="checkbox"/>

The screenshot shows the 'Room settings' window with the 'Item setting' button selected. A red box highlights the columns: Length (m), Width (m), Height (m), Rq TC (kW), Rq SC (kW), Rq HC (kW), Tmp C (DBT), Tmp C (RH %), Tmp H (C), and Air space / person (m3). The table below shows the data for these columns.

Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (RH %)	Tmp H (C)	Air space / person (m3)
1 Floor1	1F_Office	10.0	10.0	5.0	10	5	15	27	43.4	20	8
2 Floor1	2F_Conference1	20.0	20.0	8.0	20	10	30	27	43.4	20	22
3 Floor1	2F_Conference2	20.0	20.0	8.0	20	10	30	27	43.4	20	22

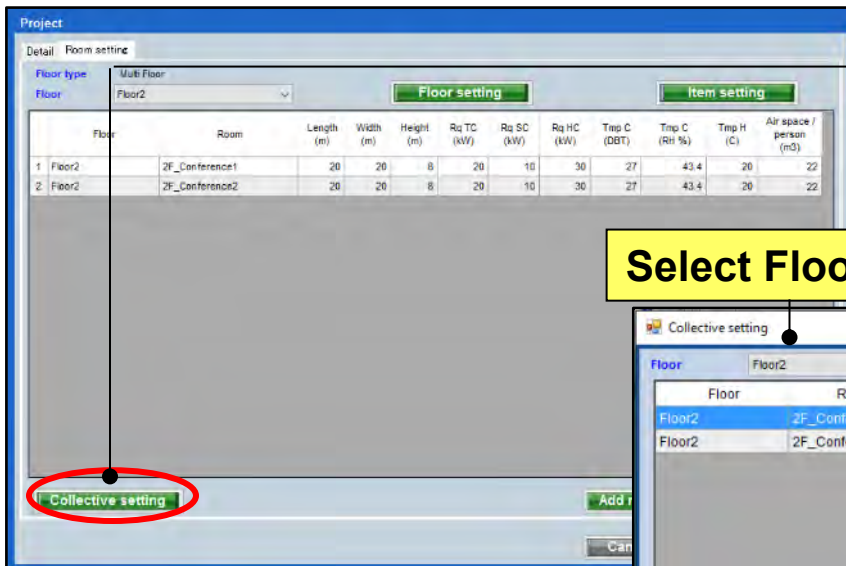
Item 10-18 : TH

1. Set the number of floors and rooms of building

2. Set indoor unit to each room of building

3. Safety Measures Design

Room setting function

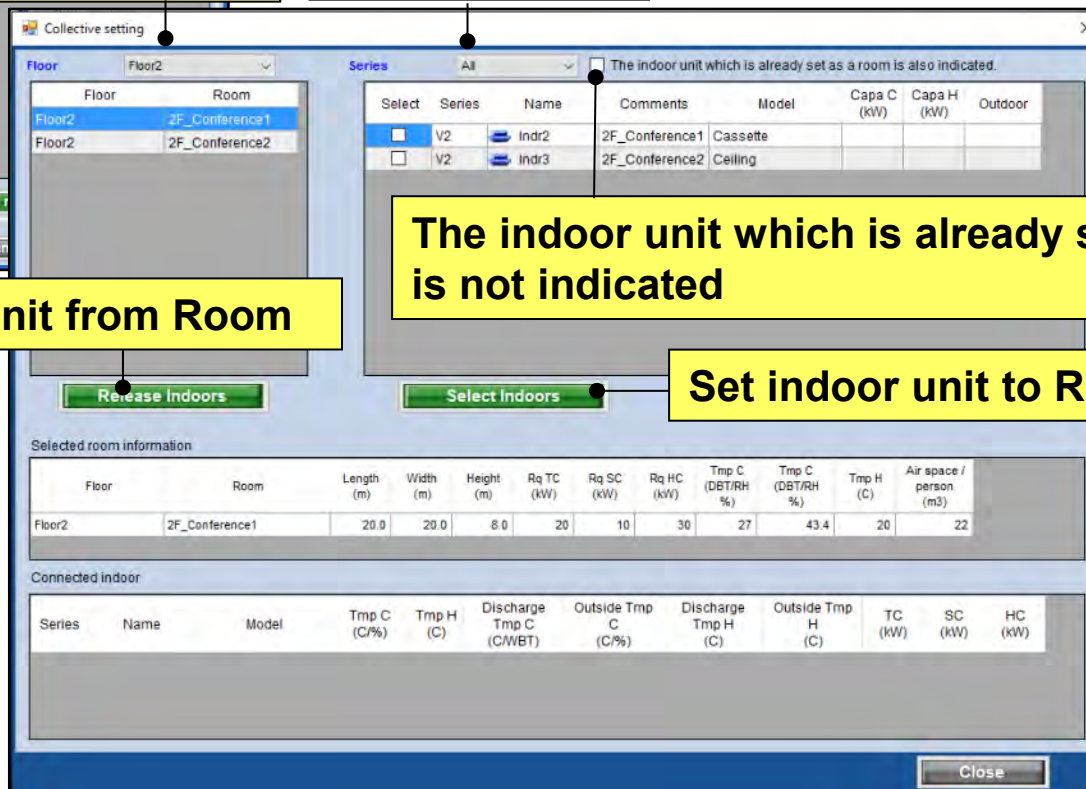


Select "Collective setting"

Open Collective setting screen

Select Floor

Select Series



The indoor unit which is already set as a room is not indicated

Remove indoor unit from Room

Set indoor unit to Room

System settings(Detail)

Set indoor unit to each room

Select Room

Select indoor unit you want to set

Select "Select Indoors"

The set indoor unit is displayed at each room

Collective setting

Floor: Floor1 Series: V2 The indoor unit which is already set as a room is also indicated.

Select	Series	Name	Comments	Model	Capa C (kW)	Capa H (kW)	Outdoor
<input checked="" type="checkbox"/>	V2	Indr1	1F_Office1	AUXB09GALH	2.0	3.2	Otdr1
<input type="checkbox"/>	V2	Indr2	2F_Conference1	ARXD04GALH	1.1	1.3	Otdr1
<input type="checkbox"/>	V2	Indr3	2F_Conference2	ABHA24GATH	7.1	8.0	Otdr1
<input type="checkbox"/>	V2	Indr4	1F_Office2_1	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr5	1F_Office2_2	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr6	1F_Office2_3	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr7	1F_Office2_4	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr8	1F_Office2_5	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr9	1F_Office2_6	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr10	1F_Office2_7	AUXB14GALH	4.5	5.0	Otdr1

Release Indoors **Select Indoors**

Selected room information

Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)
Floor1	1F_Office	10.0	10.0	5.0	10	5

Connected indoor

Series	Name	Model	Tmp C (C%)	Tmp H (C)	Discharge Tmp C (C/WBT)	Outside Tmp C (C%)
V2	Indr1	AUXB09GALH	27.0/43.4	20.0	-	-

Collective setting

Floor: Floor1 Series: V2 The indoor unit which is already set as a room is also indicated.

Select	Series	Name	Comments	Model	Capa C (kW)	Capa H (kW)	Outdoor
<input checked="" type="checkbox"/>	V2	Indr1	1F_Office	AUXB09GALH	2.0	3.2	Otdr1
<input type="checkbox"/>	V2	Indr2	2F_Conference1	ARXD04GALH	1.1	1.3	Otdr1
<input type="checkbox"/>	V2	Indr3	2F_Conference2	ABHA24GATH	7.1	8.0	Otdr1
<input type="checkbox"/>	V2	Indr4	1F_Office2_1	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr5	1F_Office2_2	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr6	1F_Office2_3	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr7	1F_Office2_4	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr8	1F_Office2_5	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr9	1F_Office2_6	AUXB14GALH	4.5	5.0	Otdr1
<input type="checkbox"/>	V2	Indr10	1F_Office2_7	AUXB14GALH	4.5	5.0	Otdr1

Release Indoors **Select Indoors**

Selected room information

Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT/RH %)	Tmp C (DBT/RH %)	Tmp H (C)	Air space / person (m3)
Floor1	1F_Office	10.0	10.0	5.0	10	5	15	27	43.4	20	8

Connected indoor

Series	Name	Model	Tmp C (C%)	Tmp H (C)	Discharge Tmp C (C/WBT)	Outside Tmp C (C%)	Discharge Tmp H (C)	Outside Tmp H (C)	TC (kW)	SC (kW)	HC (kW)
V2	Indr1	AUXB09GALH	27.0/43.4	20.0	-	-	-	-	2.7	2.0	3.2

Close

Remove the indoor unit set at each room

Collective setting

Floor: All Series: All The indoor unit which is already set as a room is also indicated.

Floor	Room
Floor1	1F_Office
Floor1	2F_Conference1
Floor1	2F_Conference2
Floor1	1F_Office2_1
Floor1	1F_Office2_2
Floor1	1F_Office2_3
Floor1	1F_Office2_4
Floor1	1F_Office2_5
Floor1	1F_Office2_6
Floor1	1F_Office2_7

Select Series Name Comments Model Capa C (kW) Capa H (kW) Outdoor

Release Indoors **Select Indoors**

Selected room information

Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq H (kW)
Floor1	1F_Office2_7	10.0	10.0	5.0	10	5	

Connected indoor

Series	Name	Model	Tmp C (C/%)	Tmp H (C)	Discharge Tmp C (C/WBT)	Outside Tmp C (C/%)
V2	Indr10	AUXB14GALH	27.0/43.4	20.0	-	

Select Room

Select "Release Indoors"

The indoor unit set at each room can be removed

Collective setting

Floor: All Series: All The indoor unit which is already set as a room is also indicated.

Select	Series	Name	Comments	Model	Capa C (kW)	Capa H (kW)	Outdoor
<input checked="" type="checkbox"/>	V2	Indr10	1F_Office2_7	AUXB14GALH	4.5	5.0	Otdr1

Release Indoors **Select Indoors**

Selected room information

Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT/RH %)	Tmp C (DBT/RH %)	Tmp H (C)	Air space / person (m3)
Floor1	1F_Office2_7	10.0	10.0	5.0	10	5	15	27	43.4	20	8

Connected indoor

Series	Name	Model	Tmp C (C/%)	Tmp H (C)	Discharge Tmp C (C/WBT)	Outside Tmp C (C/%)	Discharge Tmp H (C)	Outside Tmp H (C)	TC (kW)	SC (kW)	HC (kW)
--------	------	-------	-------------	-----------	-------------------------	---------------------	---------------------	-------------------	---------	---------	---------

Close

- 1. Set the number of floors and rooms of building**
- 2. Set indoor unit to each room of building**
- 3. Safety Measures Design**

- Changes from existing
 - Room settings screen items
 - R32 indoor unit checkbox
 - Piping, Wiring, Option, Output

1) Room setting additional point

- ① Room Areas
- ② Room Volume
- ③ Indoor unit Height
- ④ safety measure
- ⑤ R32 graph
- ⑥ Auto-selection Checkbox (Gas Sensor Only)

Room Setting

Floor	Room	Length (m)	Width (m)	Height (m)	Room Area (m2)	Room Volume (m3)	IU Height (H0) (m)	R32 VRF Safety measures
1	First floor Room - A	3.0	3.0	2.3	9.0	20.7		IU Air circulation
2	First floor Room - B	2.0	3.0	3.5	6.0	21.0		IU Air circulation
3	First floor Room - C	2.0	3.0	3.5	6.0	21.0		IU Air circulation
4	First floor Room - D	3.0	3.0	2.3	9.0	20.7		IU Air circulation
5	First floor Room - E	5.0	3.0	2.3	15.0	34.5		H0 is 1.8 m or more
6	Basement Room - L	3.0	5.0	3.5	15.0	52.5		H0 is 1.8 m or more

Room size

Indication of safety measures

Auto-selection Checkbox (Gas Sensor Only)

R32 Graph

Auto-select Gas Sensor Kit (inc. alarm) select one to an IU in the room which required safety measures

2) R32 Indoor

Only R32 Indoor can be selected.

Indoor Screen

Name: Indr7

Comments:

Model

Manual selection

Type R32

- [R32/R410A] Compact cassette
- [R32/R410A] Compact cassette
- [R32] Slim duct
- [R32/R410A] Wall-mounted
- [R32/R410A] Wall-mounted (EEV external)

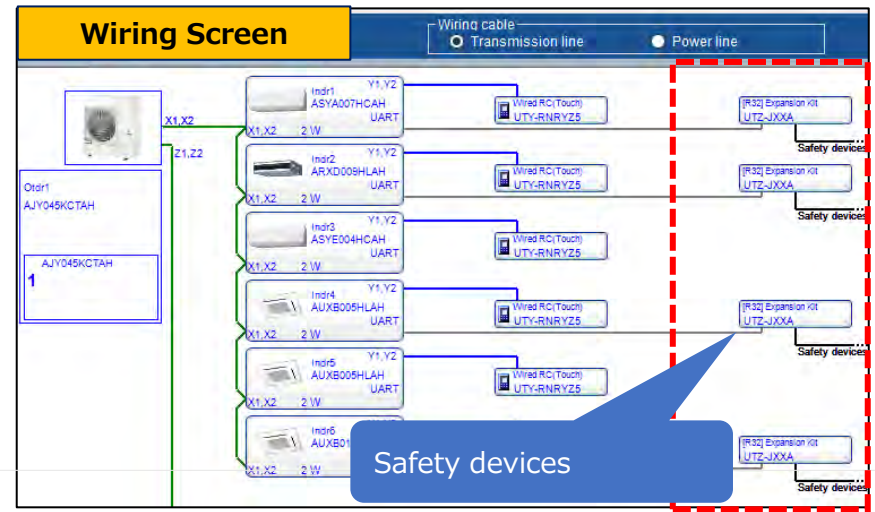
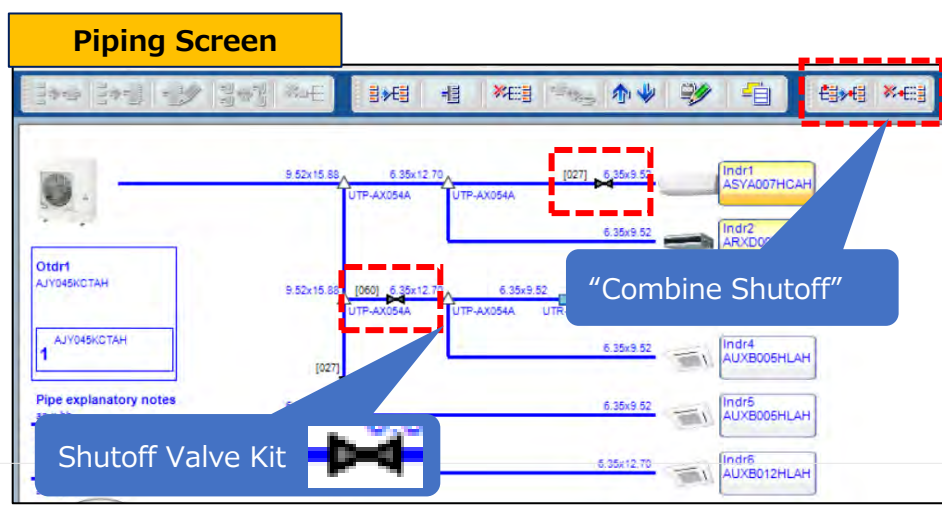
R32 Checkbox

R32 indoor unit.

[R32/R410A] Compact cassette		AUXB**HLAH
[R32] Slim duct		ARXD**HLAH
[R32/R410A] Wall-mounted		ASYA**HCAH
[R32/R410A] Wall-mounted (EEV external)		ASYE**HCAH

3) Piping and wiring screen

When Shutoff Valve Kit is selected on the option screen, the shutoff valve will be displayed on the piping and wiring screen. Select piping to connect Shutoff Valve Kit.



4) Added Option

[R32] Shutoff Valve Kit, Gas Sensor Kit, Expansion Kit

5) Output

The report display safety design measures.

Output				
Floor ^{1,2}	Room ³	Response measure 1 ^{2,3}	Response measure 2 ³	Response measure 3 ³
Frsrt floor ^{2,3}	Room-A ^{2,3}	(H0 is 1.8 m or more) ^{2,3}	- ^{2,3}	- ^{2,3}
Frsrt floor ^{2,3}	Room-B ^{2,3}	IU Air circulation ^{2,3}	Safety alarm ^{2,3}	Safety shutoff valve or Ventilation ^{2,3}
Frsrt floor ^{2,3}	Room-C ^{2,3}	IU Air circulation ^{2,3}	Safety alarm ^{2,3}	Safety shutoff valve or Ventilation ^{2,3}
Frsrt floor ^{2,3}	Room-D ^{2,3}	(H0 is 1.8 m or more) ^{2,3}	- ^{2,3}	- ^{2,3}
Frsrt floor ^{2,3}	Room-E ^{2,3}	- ^{2,3}	- ^{2,3}	- ^{2,3}
Basement ^{2,3}	Room-L ^{2,3}	- ^{2,3}	- ^{2,3}	- ^{2,3}
Floor ^{2,3}	Room ³	Note ³		
Frsrt floor ^{2,3}	Room-A ^{2,3}	No required measure ^{2,3}		
Frsrt floor ^{2,3}	Room-B ^{2,3}	There's no Gas Sensor Kit in this room. ^{2,3}		
Frsrt floor ^{2,3}	Room-C ^{2,3}	There's no Gas Sensor Kit in this room. ^{2,3}		
Frsrt floor ^{2,3}	Room-D ^{2,3}	No required measure ^{2,3}		

(1) Room setting

(2) R32 Indoor Selection

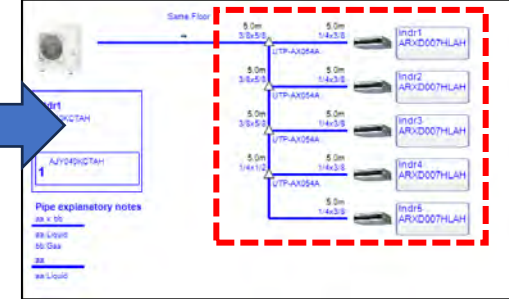
(3) R32 Outdoor Selection

(4) Input Pipe length

Floor	Room	Length (m)	Width (m)	Height (m)	Room Area (m ²)	Room Volume (m ³)	R32 VRF Safety measures
1st floor	Room-A	3.0	3.0	2.3	9.0	20.7	(H0 is 1.8 m or more)
1st floor	Room-B	2.0	3.0	3.5	6.0	21.0	IU Air circulation
1st floor	Room-C	2.0	3.0	3.5	6.0	21.0	IU Air circulation
1st floor	Room-D	3.0	3.0	2.3	9.0	20.7	(H0 is 1.8 m or more)
1st floor	Room-E	5.0	3.0	2.3	15.0	34.5	-
Basement	Room-L	3.0	6.0	3.0	18.0	54.0	-

- [R32/R410A] Compact cassette AUXB**HLAH
- [R32] Slim duct ARXD**HLAH
- [R32/R410A] Wall-mounted ASYA**H
- [R32/R410A] Wall-mounted (EEV external) ASYE**HCAH

Name: Otdr1
 Refrigerant: R32
 Model: [R32] J-VS
 Manual selection:
 Model: AJY045KCTAH
 PS: 1N, 230V, 50Hz
 Combination: 100%
 Full Load: Partial Load:
 capacity margin:



(5) Allocate indoor Units to rooms

(6) Confirming safety measures

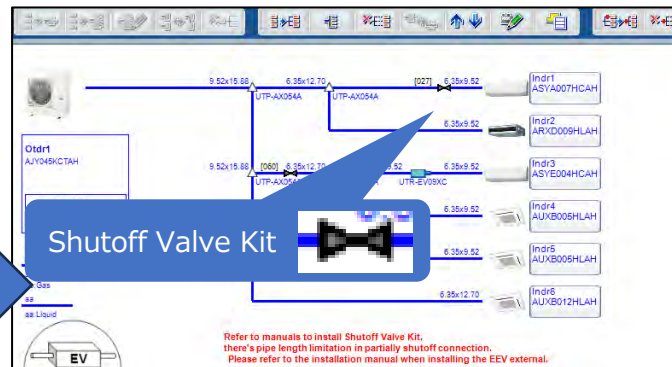
(7) Options selection

(8) Shutoff Valve Kit is displayed on piping screen

Floor	Room	Selected room information
1st floor	Room-A	Room-A
1st floor	Room-B	Room-B
1st floor	Room-C	Room-C
1st floor	Room-D	Room-D
1st floor	Room-E	Room-E
Basement	Room-L	Room-L

Floor	H0	R32 VRF Safety measures
1st floor		Response measure 1: (H0 is 1.8 m or more) Response measure 2: IU Air circulation Response measure 3: Safety alarm
1st floor		Response measure 1: (H0 is 1.8 m or more) Response measure 2: IU Air circulation Response measure 3: Safety alarm
1st floor		Response measure 1: (H0 is 1.8 m or more) Response measure 2: IU Air circulation Response measure 3: Safety alarm
1st floor		Response measure 1: (H0 is 1.8 m or more) Response measure 2: IU Air circulation Response measure 3: Safety alarm
1st floor		Response measure 1: (H0 is 1.8 m or more) Response measure 2: IU Air circulation Response measure 3: Safety alarm
Basement		Response measure 1: (H0 is 1.8 m or more) Response measure 2: IU Air circulation Response measure 3: Safety alarm

- Remote sensor unit(XSZXZ1)
- Wireless LAN Adapter(UTY-TFSXJ*)
- [R32] Shut-off Valve Kit (GX027A)
- [R32] Shut-off Valve Kit (GX060A)
- [R32] Gas Sensor Kit
- [R32] Expansion Kit
- External Connect Kit (XWZXZL)
- External Connect Kit (XWZXZM)



Refer to manuals to install Shutoff Valve Kit, there's pipe length limitation in partially shutoff connection. Please refer to the installation manual when installing the EEV external.

The procedure is an example. The order of design is free.

(1) Setting room and displaying Safety Measures Design

Design Simulator

File Preference Tool Help Update Download DXF Mode setting District: Europe / FUJITSU

New Open Project Manager

Project Name Management Number User option Detail

Project

Detail Room setting

Floor All Floor setting Add room Remove

Floor	Room	Length (m)	Width (m)	Height (m)	Room Area (m2)	Room Volume (m3)	IU Height (H0) (m)	R32 VRF Safety measures
1	Firsrt floor	Room-A	3.0	3.0	2.3	9.0	20.7	(H0 is 1.8 m or more)
2	Firsrt floor	Room-B	2.0	3.0	3.5	6.0	21.0	IU Air circulation
3	Firsrt floor	Room-C	2.0	3.0	3.5	6.0	21.0	IU Air circulation
4	Firsrt floor	Room-D	3.0	3.0	2.3	9.0	20.7	(H0 is 1.8 m or more)
5	Firsrt floor	Room-E	5.0	3.0	2.3	15.0	34.5	-
6	Basement	Room-L	3.0	5.0	3.5	15.0	52.5	-

Input Room size

Indication of safety measures

Auto-selection Checkbox (Gas Sensor Only)

IU Allocation *Required input for R32 VRF Safety. **Optional

Auto-select Gas Sensor Kit (inc. alarm) select one to an IU in the room which required safty measures

R32 Graph Customize List

Cancel OK

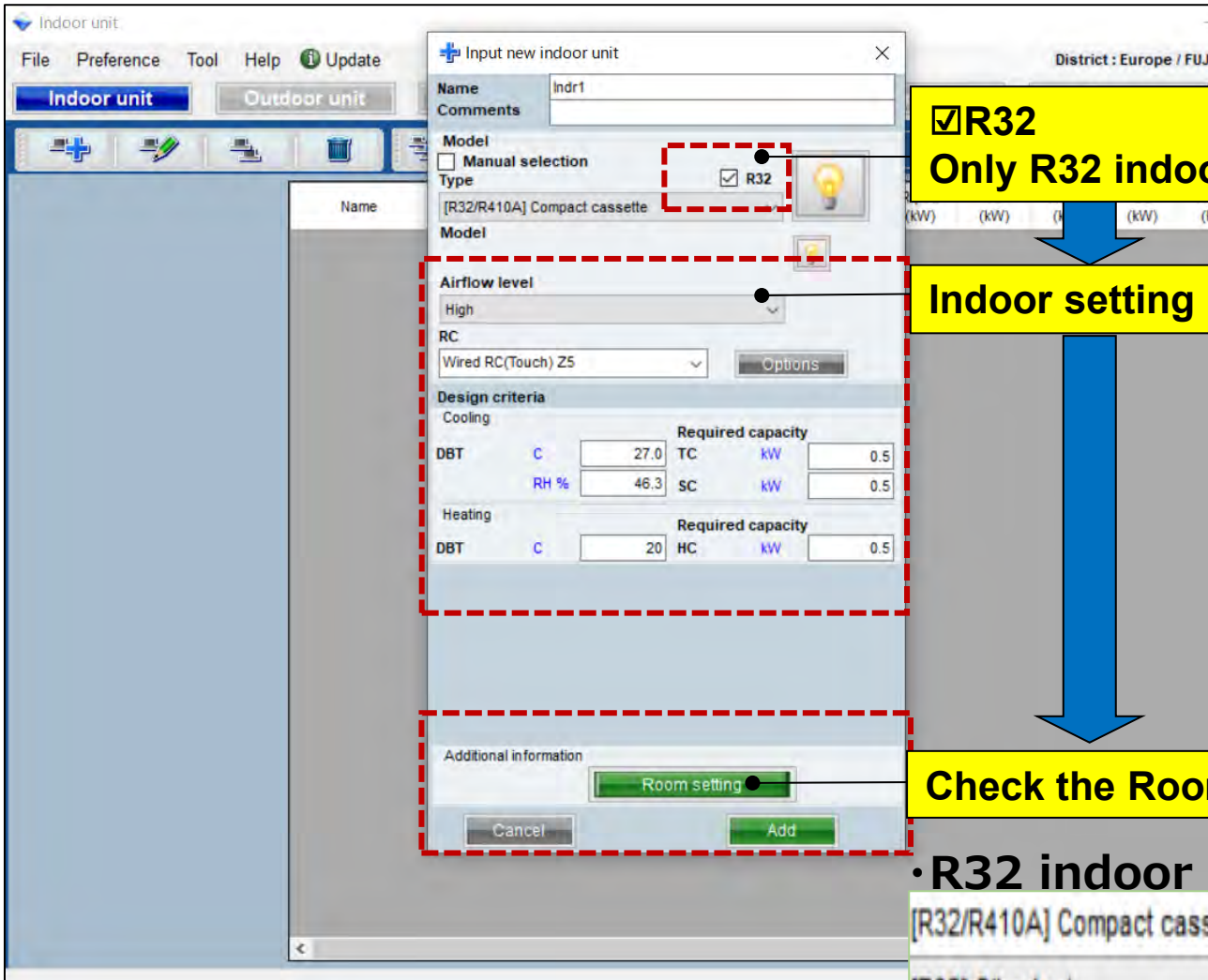
Select "Detail"

Floor setting

Room setting

Select "Add room"

(2) R32 Indoor unit selection







R32
Only R32 indoor unit can be displayed.

Indoor setting

Check the Room setting screen in "Detail"

• R32 indoor unit example

[R32/R410A] Compact cassette		AUXB**HLAH
[R32] Slim duct		ARXD**HLAH
[R32/R410A] Wall-mounted		ASYA**HCAH
[R32/R410A] Wall-mounted (EEV external)		ASYE**HCAH

(3) R32 Outdoor unit selection

Modify outdoor unit

Name: Otdr1
Comments:
Refrigerant: R32
Model Type: [R32] J-VS
Model: Manual selection
AJY045KCTAH
PS: 1N, 230V, 50Hz
Combination: 100% Full Load Partial Load
capacity margin:
Outdoor dry bulb temperature: Cooling C 35.0 Heating C 7
Actual capacity: Cooling 13.1 kW Heating 14.0 kW
Piping: Actual piping length m 11.0
Position of outdoor unit relative to indoor unit: Higher Same Floor Lower
Height difference between outdoor and indoor units m 0.0

Otdr1 AJY045KCTAH 93.6%
Indr1 ASYA007HCAH
Indr2 ARXD009HLAH
Indr3 ASYE004HCAH
Indr4 AUXB005HLAH
Indr5 AUXB005HLAH
Indr6 AUXB012HLAH

Indoor unit not yet connected

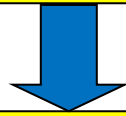
Partial Load operation

Cancel OK

Select "R32 outdoor unit"

(4) Input Piping length

Select "Piping length"



Input Piping length

Note

In order to design safety measures, the pipe length needs to be entered to calculate the amount of refrigerant.

(5) Assign indoor unit on the room setting screen

Select "IU Allocation"

Allocation indoor unit to room

Indoor setting and Allocated Indoor Unite

Allocate IU

Indoor setting and Allocated Indoor Unite

Floor	Room	Length (m)	Width (m)	Height (m)	Volume (m3)	Remarks - 1	Remarks - 2
First floor	Room-A	3.0	3.0	2.3	20.7		

Series	Name	Model	Tmp C (C/%)	Tmp H (C)	Discharge Tmp (C)	Outside Tmp C (C/%)	Discharge Tmp H (C)	Out
V2	IU-A	ASYA007HCAH	27.0/46.3	20.0				

Select	Series	Name	Comments	Model	Capa C (kW)	Capa H (kW)
<input checked="" type="checkbox"/>	V2	IU-A		ASYA007HCAH	2.2	2.8
<input type="checkbox"/>	V2	IU-B&C		ARXD009HLAH	2.8	3.2
<input type="checkbox"/>	V2	IU-D		ASYE007HCAH	2.2	2.8
<input type="checkbox"/>	V2	IU-E1		AUXB005HLAH	1.7	1.9
<input type="checkbox"/>	V2	IU-E2		AUXB005HLAH	1.7	1.9
<input type="checkbox"/>	V2	IU-L		ARXD012HLAH	3.6	4.0

Show IU already allocated.

(6) Check Safety Measures Design on Room setting screen

Project

Detail Room setting

Floor All **Floor setting** * **Add room** **Remove**

select a floor to add rooms

Floor	H0)**	R32 VRF Safety measures			Note
		Response measure 1	Response measure 2	Response measure 3	
1	Firsrt floor	(H0 is 1.8 m or more)	-	-	No required measure
2	Firsrt floor	IU Air circulation	Safety alarm	Safety shutoff valve or Ve...	There's no Gas Sensor Kit in this room.
3	Firsrt floor	IU Air circulation	Safety alarm	Safety shutoff valve or Ve...	There's no Gas Sensor Kit in this room.
4	Firsrt floor	(H0 is 1.8 m or more)	-	-	No required measure
5	Firsrt floor	-	-	-	No required measure
6	Basement				

Display of Safety Measures Design and note

Report

9.3.R32 VRF Safety measures

Floor	Room	Response measure 1	Response measure 2	Response measure 3
Firsrt floor	Room-A	(H0 is 1.8 m or more)	-	-
Firsrt floor	Room-B	IU Air circulation	Safety alarm	Safety shutoff valve or Ventilation
Firsrt floor	Room-C	IU Air circulation	Safety alarm	Safety shutoff valve or Ventilation
Firsrt floor	Room-D	(H0 is 1.8 m or more)	-	-
Firsrt floor	Room-E	-	-	-
Basement	Room-L			

Displayed on report

Floor	Room	Note
Firsrt floor	Room-A	No required measure
Firsrt floor	Room-B	There's no Gas Sensor Kit in this room.
Firsrt floor	Room-C	There's no Gas Sensor Kit in this room.
Firsrt floor	Room-D	No required measure

Customize List

OK

Confirming Safety Measures Design (2/2) Design Simulator

Check R32 graph on the room settings screen

Select "Floor"

Select "R32 Graph"

R32 Graph is displayed

Project

Detail Room setting

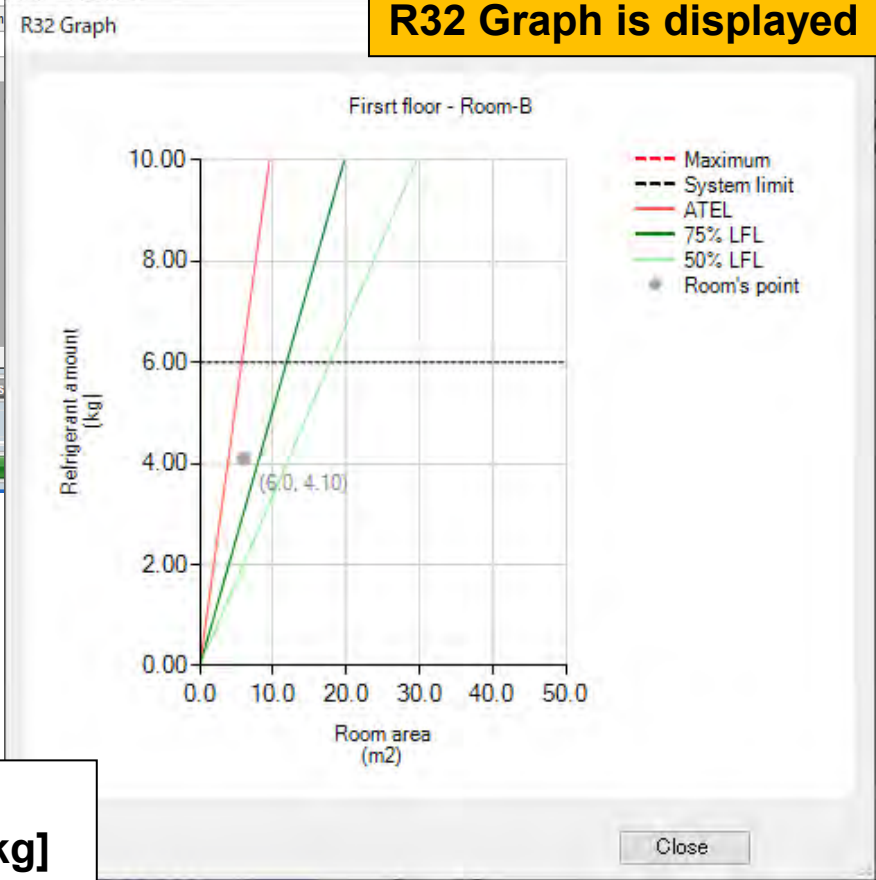
Floor: All (select a floor to add rooms) Floor setting * Add room Remove

Floor	Room	Length (m)	Width (m)	Height (m)	Room Area (m ²) *	Room Volume (m ³) **	IU Height (H0) (m) **	R32 VRF Safety measures
1 First floor	Room-A	3.0	3.0	2.3	9.0	20.7		(H0 is 1.8 m or more)
2 First floor	Room-B	2.0	3.0	3.5	6.0	21.0		IU Air circulation
3 First floor	Room-C	2.0	3.0	3.5	6.0	21.0		IU Air circulation
4 First floor	Room-D	3.0	3.0	2.3	9.0	20.7		(H0 is 1.8 m
5 First floor	Room-E	5.0	3.0	2.3	15.0	34.5		
6 Basement	Room-L	3.0	5.0	3.5	15.0	52.5		

*Required input for R32 VRF Safety. **Optional

Auto-select Gas Sensor Kit (inc. alarm) select one to an IU in the room which required safety measures

IU Allocation R32 Graph Cancel



Standard concentration :LFL [kg/m³]
System maximum refrigerant amount :RefMax [kg]

(7) Safety devices Option selection on piping screen

The screenshot displays the 'Wiring' software interface. The main window shows a piping diagram with various components connected. A yellow callout box labeled 'Select Options' points to the 'Options' button in the bottom-left corner of the main window. Another yellow callout box labeled 'Used option Screen' points to the 'Used option' dialog box. The 'Used option' dialog box contains a table with columns 'No.', 'Indoor', 'Gr', and 'RC Line'. Below the table, there are sections for 'Indoor', 'Outdoor', and 'Other' options. A red dashed box highlights the 'Allowed options' section, which lists various safety devices with checkboxes. A yellow callout box labeled 'Allowed options' points to this section. Below the 'Allowed options' is a 'Selected options' table.

No.	Indoor	Gr	RC Line
01	Indr1 ASYA007HCAH	-	2
02	Indr2 ARXD009HLAH	-	2
03	Indr3 ASYE004HCAH	-	2
04	Indr4 AUXB005HLAH	-	2
05	Indr5 AUXB005HLAH	-	2

Name	Model number	Quantity
[R32] Shut-off Valve Kit	UTP-GX027A	1
[R32] Expansion Kit	UTZ-JXXX	1

Check the safety device on the Wiring screen

Wired RC(Touch) Z5

Remote controller2

Allowed options

- Remote sensor unit(XSZXZ1)
- Wireless LAN Adapter(UTY-TFSXJ*)
- [R32] Shut-off Valve Kit (GX027A)
- [R32] Shut-off Valve Kit (GX060A)
- [R32] Gas Sensor Kit
- [R32] Expansion Kit
- External Connect Kit (XWZXZL)
- External Connect Kit (XWZXZM)

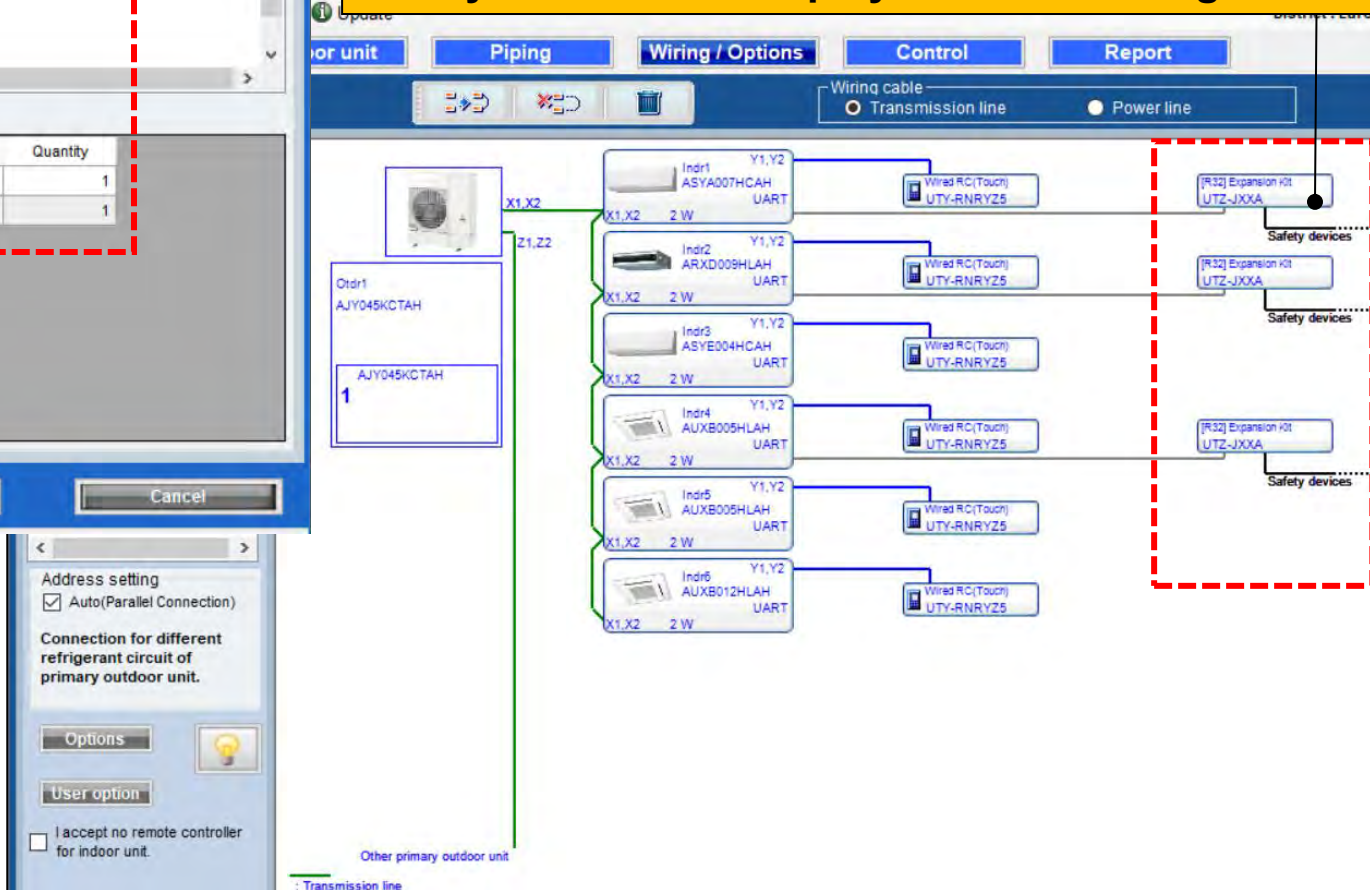
Selected options

Name	Model number	Quantity
[R32] Shut-off Valve Kit (G...	UTP-GX027A	1
[R32] Expansion Kit	UTZ-JXXA	1

OK Cancel

Expansion Kit are required to use Shutoff Valve Kit.

Safety devices are displayed on the wiring screen



(8) Shutoff Valve Kit is displayed on the piping screen

Allowed options

- Remote sensor unit(XSZXZ1)
- Wireless LAN Adapter(UTY-TFSXJ*)
- [R32] Shut-off Valve Kit (GX027A)
- [R32] Shut-off Valve Kit (GX060A)
- [R32] Gas Sensor Kit
- [R32] Expansion Kit
- External Connect Kit (XWZXZL)
- External Connect Kit (XWZXZM)

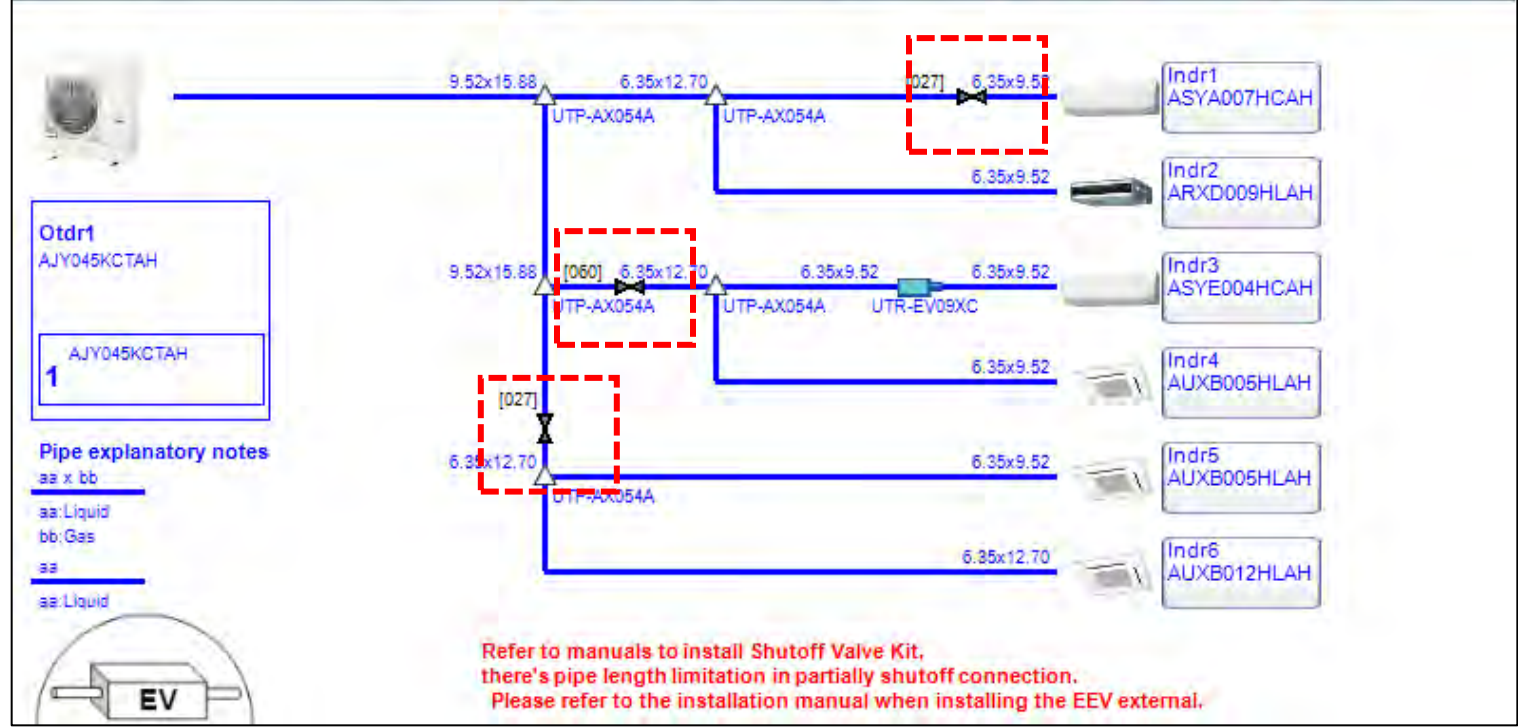
Selected options

Name	Model number	Quantity
[R32] Shut-off Valve Kit (G...	UTP-GX027A	1
[R32] Expansion Kit	UTZ-JXXA	1

Select Shutoff Valve Kit on option screen



Safety devices are displayed on the piping screen



Shutoff Valve Kit on piping (2/3)

Operate the connection position of Shutoff Valve Kit on piping screen

Help Update District : Europ

Outdoor unit Piping Wiring / Options Control Report

Select Indoor

Select "Combine Shutoff"

Connect Shutoff Valve Kit to piping of selected indoor unit

Shutoff Valve Kit

Help Update District : Europe / FUJ

Outdoor unit Piping Wiring / Options Control Report

Shutoff Valve Kit

Shutoff Valve Kit on piping (3/3)

Design Simulator

Operate the connection position of Shutoff Valve Kit on piping screen

