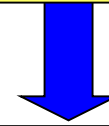


System settings

Design Simulator

Select VRF system



Indoor unit settings initial screen

The screenshot displays the 'Indoor unit' configuration window in the Design Simulator. The window title is 'Indoor unit' and it includes a menu bar with 'File', 'Preference', 'Tool', 'Help', and 'Update'. Below the menu bar are tabs for 'Indoor unit', 'Outdoor unit', 'Piping', 'Wiring', 'Control', and 'Report'. A sub-menu for 'DX kit' is open, showing options for 'Indoor unit', 'Outdoor air unit', and 'Future unit'. The 'Indoor unit' option is selected.

The main area of the window contains a table with the following columns: Name, Comments, Model, Temp C (C%), Temp H (C), Rq TC (kW), TC (kW), Rq SC (kW), SC (kW), Rq HC (kW), HC (kW), Capa C (kW), Capa H (kW), Pipe (mm), and Outdoor. The table body is currently empty.

On the left side of the window, there is a 'Details of indoor unit' section with a sub-section for 'Indoor unit type image'. Below this, there are several input fields labeled 'Indoor unit value', 'Model', 'Capacity', 'Fan air flow rate', 'Sound pressure level', and 'Input power'.

1. Indoor unit



Select Indoor unit

2. Outdoor air unit



Select Outdoor air unit

3. DX Kit Indoor unit



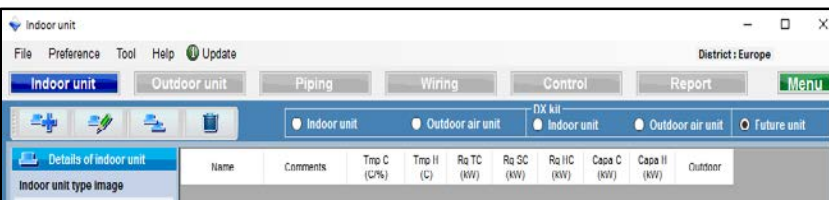
Select DX Kit Indoor unit

4. DX Kit Outdoor air unit



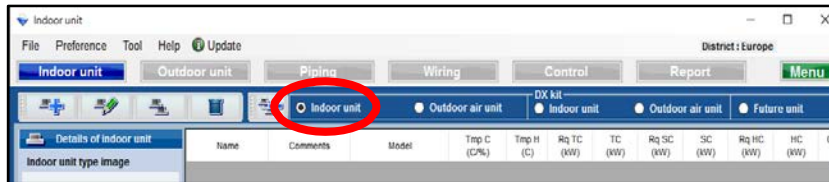
Select DX Kit Outdoor air unit

5. Future unit



Select Future unit

1. Indoor unit



Select Indoor unit

2. Outdoor air unit



Select Outdoor air unit

3. DX Kit Indoor unit



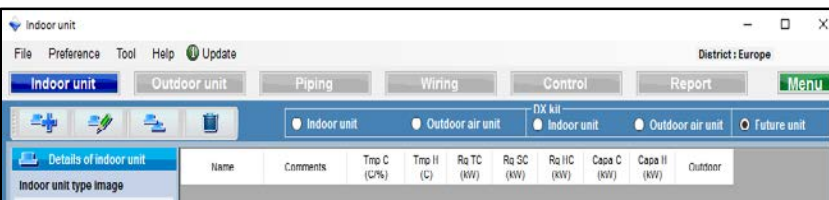
Select DX Kit Indoor unit

4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

5. Future unit



Select Future unit

1. Indoor unit settings

Indoor unit selection method (1/6)

Select "add new indoor unit"

Open indoor unit initial registration screen

The screenshot displays the Design Simulator software interface. The 'Indoor unit' menu is highlighted in red. A yellow box points to the 'add new indoor unit' button. Another yellow box points to the 'Input new indoor unit' dialog box, which is also highlighted in red. The dialog box contains the following fields and options:

- Name: [text input]
- Comments: [text input]
- Model: [text input]
- Manual selection:
- Type: Compact cassette
- Model: [text input]
- Airflow level: High
- RC: Wired RC(touch)
- Options: [button]
- Design criteria:
 - Cooling:
 - DBT: C [27.0] Required capacity: TC [0.5] kW
 - RH %: [43.4] SC [0.5] kW
 - Heating:
 - DBT: C [20] Required capacity: HC [0.5] kW
- Additional information:
 - Room setting: [button]
- Cancel: [button] Add: [button]

1.Indoor unit settings

Indoor unit selection method (2/6)

Input new indoor unit

Name:indr1

Comments:

Model

Manual selection

Type: Compact cassette

Model:

Airflow level: High

RC: Wired RC(Touch) Options

Design criteria

Cooling

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

Heating

DBT	C	20	Required capacity	HC	kW	0.5
-----	---	----	-------------------	----	----	-----

Additional information

Room setting

Cancel Add

Preference input name display

Input comments. (Limitation Twenty characters)
It is possible to write freely. (Ex. : 1Floor Office 1)

<Auto selection>

Select type of Indoor unit

Model-information function

Select Airflow level

Select type of Remote Controller

Select Optional parts

Input design conditions.
If you don't decide design conditions, input it
under the ratings condition of cooling "27C"
and heating "24C".

Input required capacity.

Room setting function

1. Indoor unit settings(duct Type)

Design Simulator

Indoor unit selection method (3/6)

Only when Air flow and static setting is selected at Design of air flow static pressure

Input new indoor unit

Name: Indr1

Comments:

Model

Manual selection

Type: Slim duct(Drain pump internal)

Model: ARXD04GALH

RC: Wired RC(Touch)

Options

Design criteria

Cooling

DBT	C	27.0	TC	kW	0.5
	RH %	43.4	SC	kW	0.5

Heating

DBT	C	20	HC	kW	0.5
-----	---	----	----	----	-----

Primary setting

Required air flow

External static pressure

Required air flow

m3/h: 510 Range: 0 - 510

External static pressure

Pa: 25 Range: 0 - 90

Additional information

Room setting

Cancel Add

Select Primary setting

Input Required air flow

Input External static pressure

1.Indoor unit settings(Used option) *Design Simulator*

Indoor unit selection method (4/6)

Used option

Remote controller1

Wired RC(Touch) ✓

Remote controller2

✓

Allowed options

- Air outlet shutter plate
- External switch controller(TEKX)
- Insulation kit for high humidity
- Fresh air intake kit
- External connect kit(XWZXZ7)
- External connect kit(XWZXZB)
- External connect kit(XWZXZC)
- External connect kit(XWZXZD)

Selected options

Name	Model number	Quantity

Cancel

OK

Select Remote controller1

Select Remote controller2

Add Allowed options

1. Indoor unit settings

Indoor unit selection method (5/6)

(Ex. Case1)

(Ex. Case2)

(Ex. Case3)

Input new indoor unit

Name: Indr1
Comments: 1F_Office1

Model
 Manual selection
Type: Compact cassette
Model

Airflow level: High
RC: Wired RC(Touch) [Options]

Design criteria

Cooling		Required capacity		
DBT	C	27.0	TC kW	2.0
	RH %	43.4	SC kW	2.0

Heating		Required capacity		
DBT	C	20	HC kW	2.0

Additional information
Room setting
Cancel Add

Input new indoor unit

Name: Indr2
Comments: 2F_Conference1

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

Primary setting
 Required air flow
 External static pressure

Required air flow: 510 m3/h Range: 0 - 1330
External static pressure: 25 Pa Range: 0 - 90

Additional information
Room setting
Cancel Add

Input new indoor unit

Name: Indr3
Comments: 2F_Conference2

Model
 Manual selection
Type: Ceiling
Model

Airflow level: High
RC: Wired RC(Touch) [Options]

Design criteria

Cooling		Required capacity		
DBT	C	27.0	TC kW	7.0
	RH %	43.4	SC kW	5.0

Heating		Required capacity		
DBT	C	20	HC kW	7.0

Additional information
Room setting
Cancel Add

(Ex. Case1)

Comments : 1Floor Office 1
Type : Compact cassette
RC : Wired remote controller
Design temperature : 27C
Required capacity (TC) : 2.0kW (Cooling)

(Ex. Case2)

Comments : 2Floor Conference room 1
Type : Slim duct(Drain pump internal)
RC : Wired remote controller
Design temperature : 27C
Required capacity (TC) : 0.5kW (Cooling)

(Ex. Case3)

Comments : 2Floor Conference room 2
Type : Ceiling
RC : Wired remote controller
Design temperature : 27C
Required capacity (TC) : 7.0kW (Cooling)
Required capacity (SC) : 5.0kW (Cooling)

Indoor unit selection method (6/6)

Name	Comments	Model	Tmp C (C/%)	Tmp H (C)	Rq TC (kW)	TC (kW)	Rq SC (kW)	SC (kW)	Rq HC (kW)	HC (kW)	Capa C (kW)	Capa H (kW)	Pipe (inch)	Outdoor
Indr1	1F_Office1	Compact cassette	27.0/ 43.4	20	2.0		2.0		2.0					
Indr2	2F_Conference1	Slim duct(Drain pump...	27.0/ 43.4	20	0.5		0.5		0.5					
Indr3	2F_Conference2	Ceiling	27.0/ 43.4	20	7.0		5.0		7.0					
Indr4	1F_Office2_1	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr5	1F_Office2_2	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr6	1F_Office2_3	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr7	1F_Office2_4	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr8	1F_Office2_5	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr9	1F_Office2_6	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr10	1F_Office2_7	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					

Indoor unit value

- Model: Compact cassette
- Capacity: 1.1 - 7.1 kW
- Fan air flow rate: 530 - 1030 m3/h
- Sound pressure level: 34 - 50 dB(A)
- Input power: 23 - 84 W

Information on the models with the possibilities are displayed.

The model has not been decided in Auto Selection. When it is connected with the outdoor unit, the model of the indoor unit is decided.

Room setting function (1/3)

Select "Room setting"

Open Room setting screen

Select "Floor setting"

Open Floor setting screen

Add or remove Floor

Floor2 can be added

Add Floor

Remove Floor

Modify indoor unit

Name: lndr2
Comments: 2F_Conference1

Model
 Manual selection
Type: Cassette

Airflow level: High

RC: Wired RC(Touch)

Design criteria
Cooling: DBT C 25.0, RH % 43.9
Heating: DBT C 20.0

Additional information

Room setting

Room setting

Floor type: Single Floor
Floor: Floor1

Floor setting

Select	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)
1	Floor1							
2	Floor2							

Item setting

Room setting

Floor type: Multi Floor
Floor: Floor2

Floor setting

Select	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)
--------	-------	------	------------	-----------	------------	------------	------------	------------	-------------	--------------	-----------

Add floor Remove

Cancel OK

Room setting function (2/3)

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

Room setting

Floor type: Single Floor
Floor: Floor1

Item setting

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 Remark		<input type="checkbox"/>
14 Remark		<input type="checkbox"/>
15 Remark		<input type="checkbox"/>
16 Remark		<input type="checkbox"/>
17 Remark		<input type="checkbox"/>
18 Remark		<input type="checkbox"/>

Room setting

Floor type: Multi Floor
Floor: Floor2

Select	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 F
1	Floor2	2F_Conference1	20.0	20.0	8.0	20	10	30	27	43.4	20	

Room setting function (3/3)

Set the set temperature condition of Room to indoor unit

Add Room to Floor

Remove Room from Floor

Set the temperature of the room to the indoor unit

Add room

Remove

The screenshot shows the 'Room setting' window. A dropdown menu for 'Floor' is set to 'Floor2'. Below the table, there are two buttons: 'Add room' and 'Remove'. A checkbox labeled 'Set the temperature of the room to the indoor unit' is also visible. Lines connect the text boxes to the corresponding UI elements.

Select "Add room"

Add Room

Set indoor unit to Room

Add Room to Floor2

Select	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 F
1	Floor2	Room1							27	43.4	20	

The screenshot shows the 'Room setting' window with the 'Floor' dropdown set to 'Floor2'. The table below has one row with 'Room1' added to 'Floor2'. A yellow box highlights the 'Add Room to Floor2' text, and a red box highlights the first row of the table.

ROOM setting

Set each value to Room

Select	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 F
1	Floor2	2F_Conference1	20.0	20.0	8.0	20	10	30	27	43.4	20	

The screenshot shows the 'Room setting' window with the 'Floor' dropdown set to 'Floor2'. The table below has one row with '2F_Conference1' added to 'Floor2'. The 'Select' checkbox for this row is checked. A yellow box highlights the 'Set each value to Room' text, and a red box highlights the first row of the table.

Check and set indoor unit to Room

1. Indoor unit settings

Sort order function

Press Sort button

Open Sort order registration screen

The screenshot displays the 'Indoor unit' settings window in the Design Simulator. The main window contains a table of indoor units and a 'Sort order' dialog box. A red circle highlights the sort order dropdown menu in the main window, which is expanded to show options: Index, Name, Comments, and Outdoor. A blue arrow points from the 'Press Sort button' text to the 'Sort order' dialog box. The dialog box has a title bar 'Sort order' and a close button. It contains a dropdown menu for 'order' set to 'Priority High'. Below it are four dropdown menus labeled 1), 2), 3), and 4), each with a red number next to it. A yellow box labeled 'Priority High' is positioned above the first dropdown, and another yellow box labeled 'Priority Low' is positioned below the fourth dropdown. A yellow box labeled 'Perform Sort in the 1) - 4) order' is positioned to the right of the dialog box. At the bottom of the dialog box are 'Cancel' and 'OK' buttons. The main window table has the following data:

Name	Comments	Model	Temp C (C/%)	Temp H (C)	Rq TC (kW)	TC (kW)	Rq SC (kW)	SC (kW)	Rq HC (kW)	HC (kW)	Capa C (kW)	Capa H (kW)	Pipe (inch)	Outdoor
Indr1	1F_Office1	Compact cassette	27.0/ 43.4	20	2.0		2.0		2.0					
Indr2	2F_Conference1	Slim duct(Drain pump...	27.0/ 43.4	20	0.5		0.5		0.5					
Indr3	2F_Conference2	Ceiling	27.0/ 43.4	20	7.0		5.0		7.0					
Indr4	1F_Office2_1	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr5	1F_Office2_2	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr6	1F_Office2_3	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr7	1F_Office2_4	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr8	1F_Office2_5	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr9	1F_Office2_6	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					
Indr10	1F_Office2_7	Compact cassette	27.0/ 43.4	20	4.0		4.0		4.0					

Manual selection function (1/2)

Input new indoor unit

Name: Indr1

Comments:

Model

Manual selection

Type: Compact cassette

Model: AUXB07GALH

Airflow level: High

RC: Wired RC(Touch)

Options

Design criteria

Cooling

DBT	C	27.0	Required capacity	TC	kW	2.0
	RH %	43.4		SC	kW	2.0

Heating

DBT	C	24.0	Required capacity	HC	kW	2.0
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Additional information

Room setting

Cancel Add

<Manual selection>

Select "Manual selection"

Select type of Indoor unit

Select model name of indoor unit

Manual selection function (2/2)

Indoor unit


File Preference Tool Help Update District : Europe

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Indoor unit Outdoor air unit DX kit Indoor unit Outdoor air unit Future unit

Details of indoor unit

Indoor unit type image



Indoor unit value

Model
AUXB07GALH
Capacity
2.2 kW
Fan air flow rate
High / 540 m3/h
Sound pressure level
34 dB(A)
Input power
25 W

Name	Comments	Model	Tmp C (C/%)	Tmp H (C)	Rq TC (kW)	TC (kW)	Rq SC (kW)	SC (kW)	Rq HC (kW)	HC (kW)	Capa C (kW)	Capa H (kW)	Pipe (inch)	Outdoor
Indr1		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr2		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr3		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr4		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr5		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr6		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	
Indr7		AUXB07GALH	27.0/ 43.4	20	2.0		2.0		2.0		2.2	2.8	1/2x1/4	

Information on the model that decides

1. Indoor unit settings

Model-information function (1/2)


Input new indoor unit

Name: Indr1
Comments:

Model

Manual selection

Type: Compact cassette

Model: 

Airflow level: High

RC: Wired RC(Touch)

Design criteria

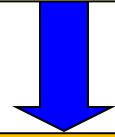
Cooling: DBT C 27.0, RH % 43.4, Required cooling capacity TC, SC

Heating: DBT C 20, Required heating capacity HC

Additional information: Room setting

Buttons: Cancel, Room setting, Select









Select "Model-information"



Model-information screen

Model-information

Compact cassette

Image	Name	Capa C (kW)	Capa H (kW)	Airflow (m3/h)	ESP (Pa)	Sound (dB)	HxWxD (mm)	Weight (kg)	Pipe (inch)
	AUXB04GALH	1.1	1.3	350/450/530		25/30/34	245x570x570	15.00	1/4x1/2
	AUXB04GBLH	1.1	1.3	350/450/530		21/28/34	245x570x570	14.50	1/4x3/8
	AUXB07GALH	2.2	2.8	350/450/540		25/30/34	245x570x570	15.00	1/4x1/2
	AUXB09GALH	2.8	3.2	350/450/550		25/30/35	245x570x570	15.00	1/4x1/2
	AUXB12GALH	3.6	4.1	390/530/600		27/34/37	245x570x570	15.00	1/4x1/2
	AUXB14GALH	4.5	5.0	390/590/680		27/34/38	245x570x570	15.00	1/4x1/2
	AUXB18GALH	5.6	6.3	400/580/710		27/35/41	245x570x570	17.00	3/8x5/8
	AUXB24GALH	7.1	8.0	450/830/1030		30/44/50	245x570x570	17.00	3/8x5/8

Click Select button to select a model as Manual selection.

Buttons: Close, Select

1. Indoor unit settings

Design Simulator

Model-information function (2/2)

Model-information

Compact cassette

Image	Name	Capa C (kW)	Capa H (kW)	Airflow (m3/h)	ESP (Pa)	Sound (dB)	HxWxD (mm)	Weight (kg)	Pipe (inch)
	AUXB04GALH	1.1	1.3	350/450/530		25/30/34	245x570x570	15.00	1/4x1/2
	AUXB04GBLH	1.1	1.3	350/450/530		21/28/34	245x570x570	14.50	1/4x3/8
	AUXB07GALH	2.2	2.8	350/450/540		25/30/34	245x570x570	15.00	1/4x1/2
	AUXB09GALH	2.8	3.2	350/450/550		25/30/35	245x570x570	15.00	1/4x1/2
	AUXB12GALH	3.6	4.1	390/530/600		27/34/37	245x570x570	15.00	1/4x1/2
	AUXB14GALH	4.5	5.0	390/590/680		27/34/38	245x570x570	15.00	1/4x1/2
	AUXB18GALH	5.6	6.3	400/580/710		27/35/41	245x570x570	17.00	3/8x5/8
	AUXB24GALH	7.1	8.0	450/830/1030		30/44/50	245x570x570	17.00	3/8x5/8

Click Select button to select a model as Manual selection.

Close Select

Input new indoor unit

Name: Indr2

Comments:

Model

Manual selection

Type: Compact cassette

Model: AUXB12GALH

Airflow level: High

RC: Wired RC(Touch)

Options

Design criteria

Cooling

DBT: C 27.0 Required capacity TC: kW 0.5

RH %: 43.4 SC: kW 0.5

Heating

DBT: C 20 Required capacity HC: kW 0.5

Additional information

Room setting

Cancel Add

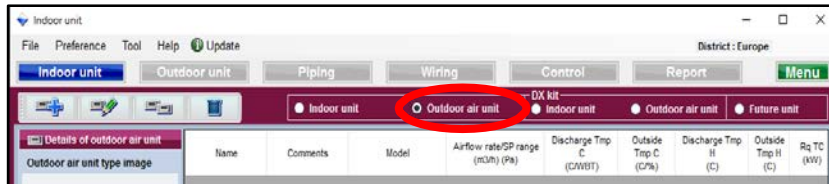
Indoor unit can be selected by manual selection

1. Indoor unit



Select Indoor unit

2. Outdoor air unit



Select Outdoor air unit

3. DX Kit Indoor unit



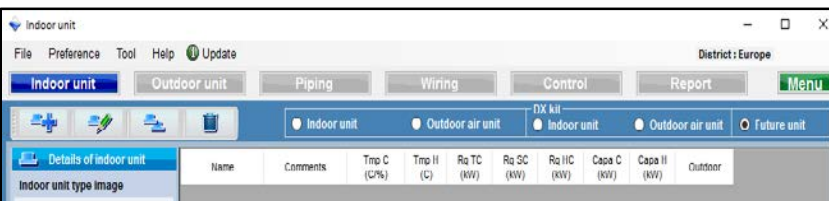
Select DX Kit Indoor unit

4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

5. Future unit

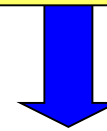


Select Future unit

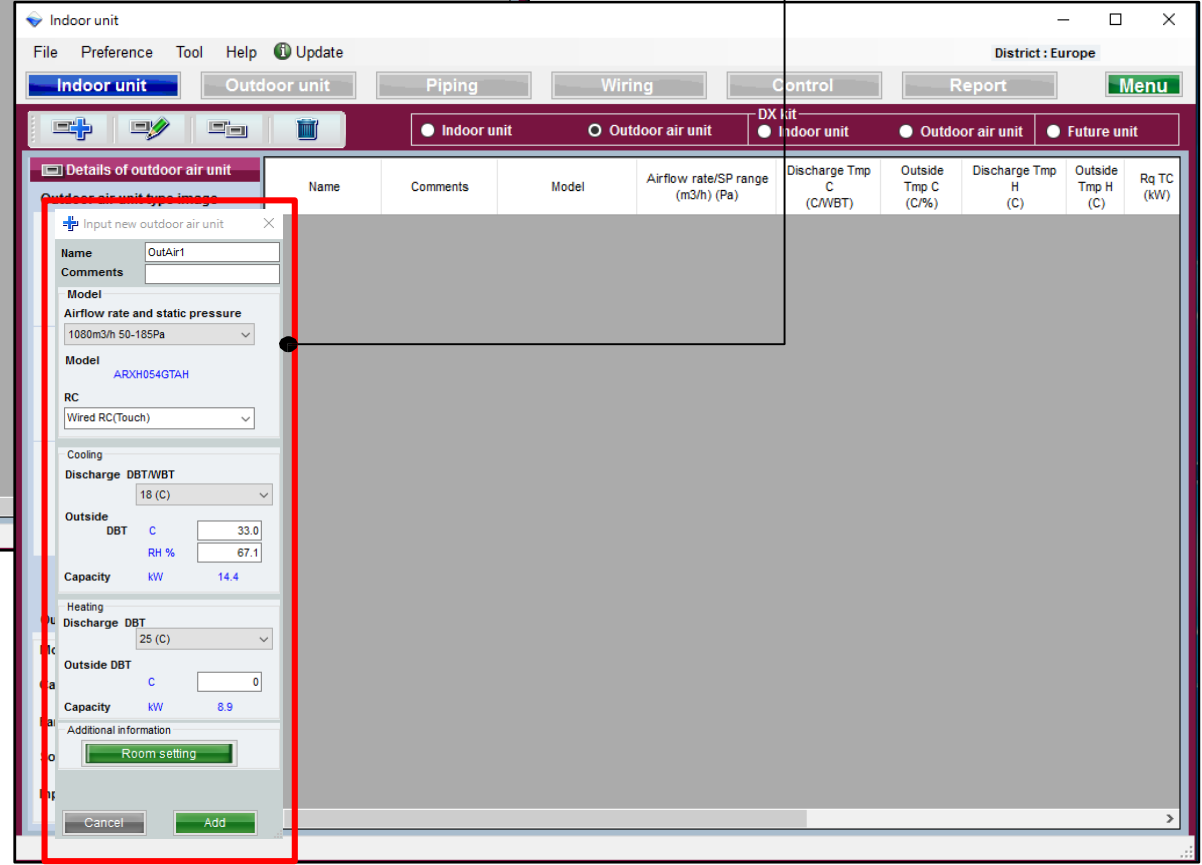
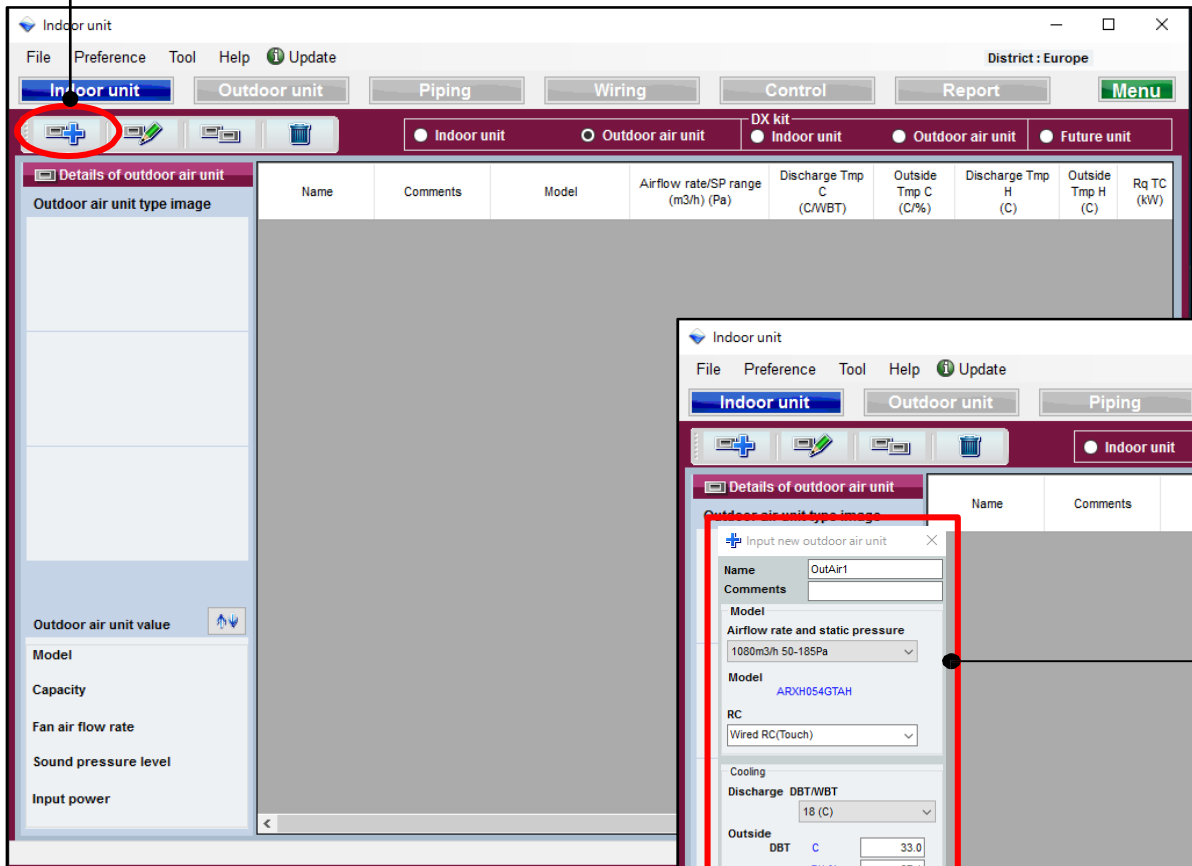
2. Outdoor air unit settings

Outdoor air unit selection method (1/2)

Select "add new outdoor air unit"



Open outdoor air unit initial registration screen



Outdoor air unit selection method (2/2)

Input new outdoor air unit

Name: OutAir1
Comments: Office

Model
Airflow rate and static pressure: 1080m3/h 50-185Pa
Model: ARXH054GTAH
RC: Wired RC(Touch)

Cooling
Discharge DBT/WBT: 18 (C)
Outside DBT: 33.0
RH %: 67.1
Capacity kW: 14.4

Heating
Discharge DBT: 25 (C)
Outside DBT: 20.0
Capacity kW: 1.8

Additional information
Room setting

Cancel Add

Select Airflow rate and static pressure

Select type of Remote Controller

Input Discharge DBT/WBT

Input Outside DBT

Input Discharge DBT

Input Outside DBT

Room setting function

1. Indoor unit



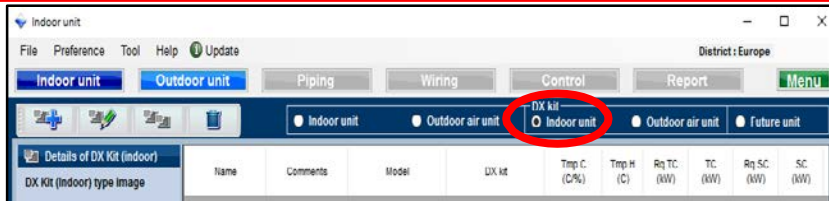
Select Indoor unit

2. Outdoor air unit



Select Outdoor air unit

3. DX Kit Indoor unit



Select DX Kit Indoor unit

4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

5. Future unit



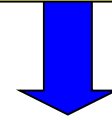
Select Future unit

3.DX Kit Indoor unit settings

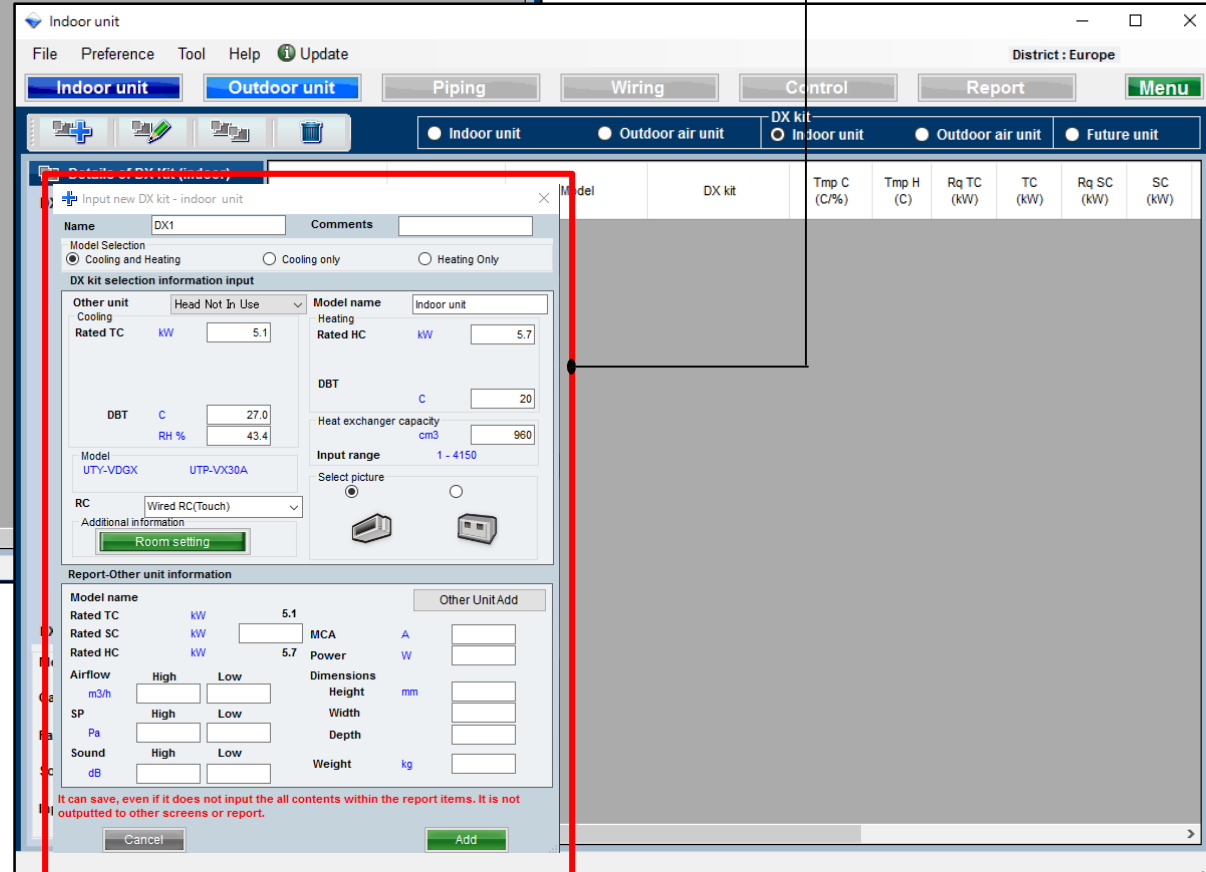
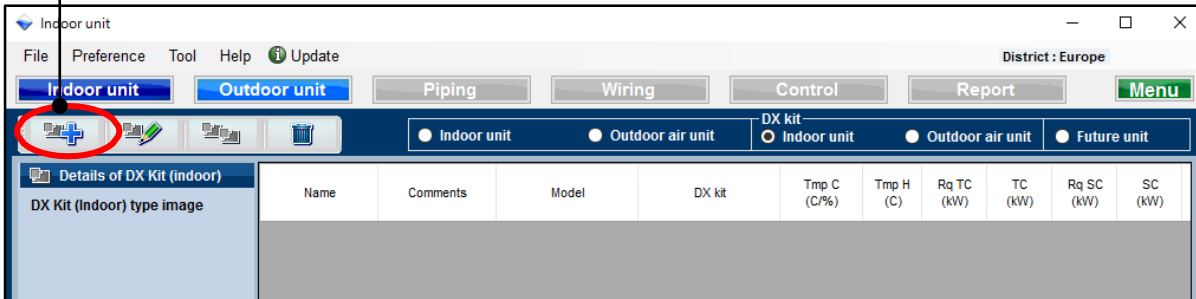
Design Simulator

DX Kit Indoor unit selection method (1/3)

Select "add new DX Kit"



Open Input new DX kit registration screen



DX Kit Indoor unit selection method (2/3)

Input new DX kit - indoor unit

Name: DX2 Comments:

Model Selection
 Cooling and Heating Cooling only Heating Only

DX kit selection information input

Other unit: Head Not In Use Model name: Indoor unit

Cooling
Rated TC: kW 5.1 Heating
Rated HC: kW 5.7

DBT: C 27.0 DBT: C 20
RH %: 43.4 Heat exchanger capacity: cm3 960

Model: UTY-VDX UTP-VX30A Input range: 1 - 4150

RC: Wired RC(Touch) Select picture:

Additional information: Room setting

Report-Other unit information

Model name			Other UnitAdd	
Rated TC	kW	5.1	MCA	A 0.56
Rated SC	kW	4.0	Power	W 4
Rated HC	kW	5.7		
Airflow	High	Low	Dimensions	
	m3/h	710	Height	mm 198
		400	Width	900
SP	High	Low	Depth	620
	Pa	90	Weight	kg 22
		10		
Sound	High	Low		
	dB	34		
		10		

Cancel Add

Select Model type

Select Other unit

Input Model name

Input Rated TC/HC

Input DBT

Input Heat exchanger capacity

Select Picture

Select type of Remote Controller

Room setting function

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

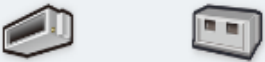
DX Kit Indoor unit selection method (3/3)

Input new DX kit - indoor unit

Name: Comments:

Model Selection
 Cooling and Heating Cooling only Heating Only

DX kit selection information input

Other unit: <input type="text" value="Head Not In Use"/>	Model name: <input type="text" value="Indoor unit"/>
Cooling Rated TC: kW <input type="text" value="5.1"/>	Heating Rated HC: kW <input type="text" value="5.7"/>
DBT: C <input type="text" value="27.0"/>	DBT: C <input type="text" value="20"/>
RH %: <input type="text" value="43.4"/>	Heat exchanger capacity: cm3 <input type="text" value="960"/>
Model: UTY-VDGX UTP-VX30A	Input range: 1 - 4150
RC: <input type="text" value="Wired RC(Touch)"/>	Select picture: <input type="radio"/> <input type="radio"/>
Additional information: <input type="button" value="Room setting"/>	

Report-Other unit information

Model name: <input type="text" value="Indoor unit"/>	Rated TC: kW <input type="text" value="5.1"/>	Rated SC: kW <input type="text" value="4.0"/>	Rated HC: kW <input type="text" value="5.7"/>	MCA: A <input type="text" value="0.56"/>	Power: W <input type="text" value="4"/>
Airflow: High <input type="text" value="710"/> Low <input type="text" value="400"/>	Dimensions: Height mm <input type="text" value="198"/>	Width mm <input type="text" value="900"/>	Depth mm <input type="text" value="620"/>	Weight kg <input type="text" value="22"/>	
SP: High <input type="text" value="90"/> Low <input type="text" value="10"/>					
Sound: High <input type="text" value="34"/> Low <input type="text" value="10"/>					

Other Unit Add function

Input Rated SC

Input MCA

Input Power

Input Dimensions

Input Weight

Input Airflow

Input SP

Input Sound

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

Other Unit Add function

Register the information used by DX Kit to Other Unit At 1) to 2)

Input new DX kit - indoor unit

Name: DX2

Model Selection: Cooling and Heating, Cooling only, Heating Only

DX kit selection information input

Other unit: **Head Not In Use**

Model name: Indoor unit

Rated TC: 5.1 kW, Rated SC: 4.0 kW, Rated HC: 5.7 kW

DBT: 20 C, Heat exchanger capacity: 960 cm3

Report-Other unit information

Model name: Indoor unit

Rated TC: 5.1 kW, Rated SC: 4.0 kW, Rated HC: 5.7 kW

Airflow: High 710 m3/h, Low 400 m3/h

SP: High 90 Pa, Low 10 Pa

Sound: High 34 dB, Low 10 dB

MCA: 0.56 A, Power: 4 W

Dimensions: Height 198 mm, Width 900 mm, Depth 620 mm

Weight: 22 kg

1) Other Unit Add

Buttons: Cancel, Add

Confirmation of the DX kit ...

Indoor unit

Model name: Indoor unit

Rated TC: 5.1 kW, Rated SC: 4.0 kW, Rated HC: 5.7 kW

Airflow: High 710 m3/h, Low 400 m3/h

SP: High 90 Pa, Low 10 Pa

Sound: High 34 dB, Low 10 dB

MCA: 0.56 A, Power: 4 W

Dimensions: Height 198 mm, Width 900 mm, Depth 620 mm

Weight: 22 kg

Buttons: Cancel, **2) Add**

Input new other unit

Indoor unit

Model name: Indoor unit

Rated TC: 5.1 kW, Rated SC: 4.0 kW, Rated HC: 5.7 kW

Fan air flow rate: High 710 m3/h, Low 400 m3/h

SP: High 90 Pa, Low 10 Pa

Sound: High 34 dB, Low 10 dB

MCA: 0.56 A, Power: 4 W

Dimensions: Height 198 mm, Width 900 mm, Depth 620 mm

Weight: 22 kg

Buttons: Cancel, **Add**, OK

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

Registered Other Unit can be selected from pull-down when DX kit is input

Registered Other Unit information can be changed from Tool menu

Design Simulator

File Preference **Tool** Help Update Download DXF

New

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

1. Indoor unit



Select Indoor unit

2. Outdoor air unit



Select Outdoor air unit

3. DX Kit Indoor unit



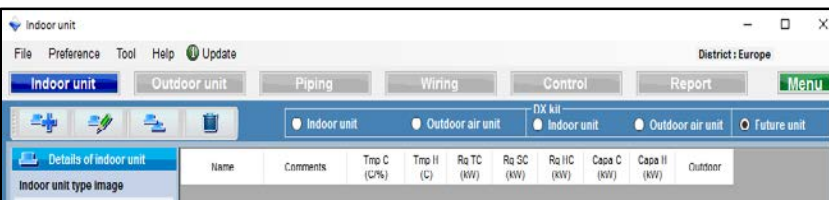
Select DX Kit Indoor unit

4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

5. Future unit



Select Future unit

4.DX Kit Outdoor air unit settings

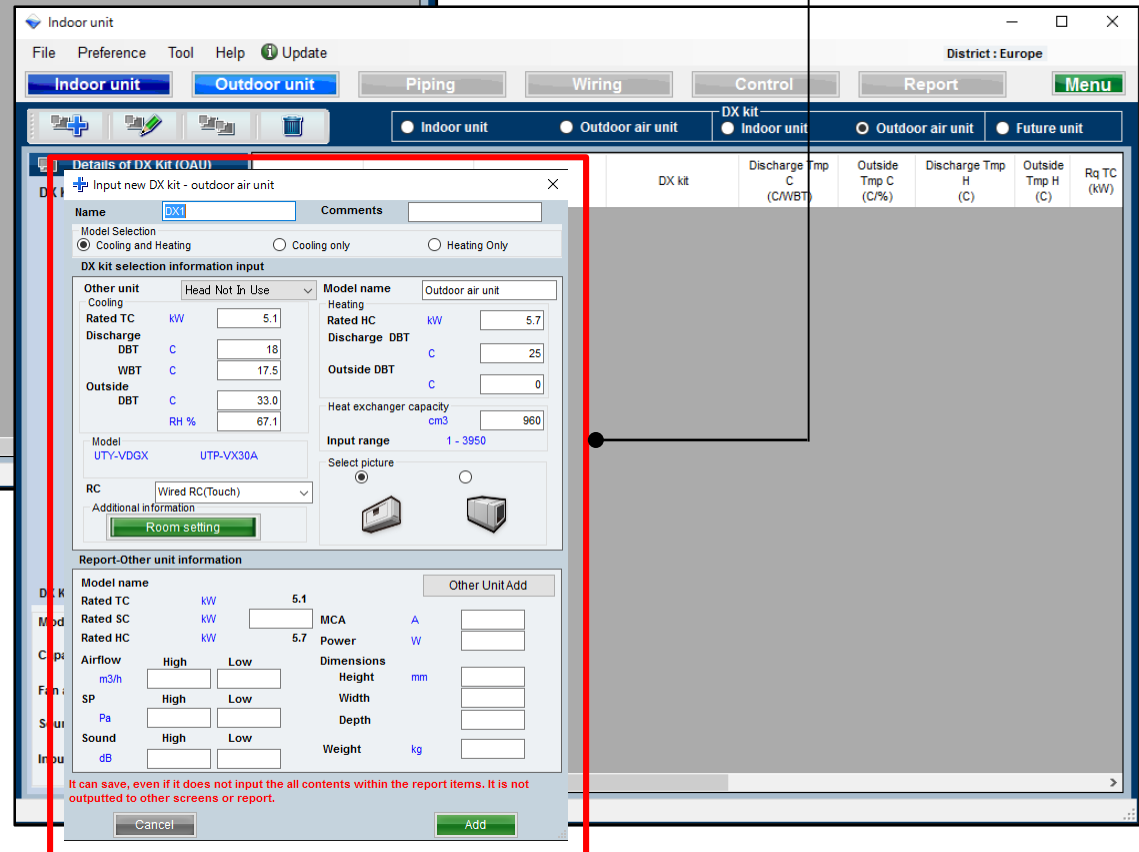
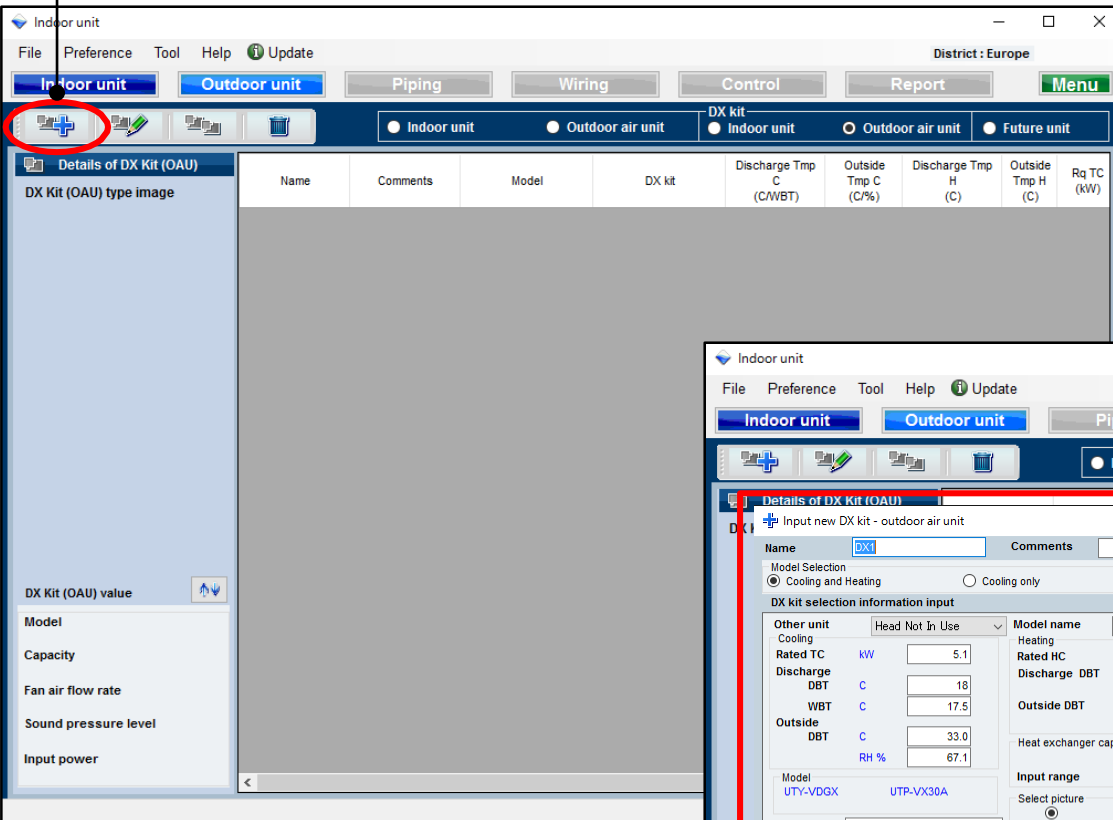
Design Simulator

DX Kit Outdoor air unit selection method (1/3)

Select "add new DX kit"



Open DX kit initial registration screen



4.DX Kit Outdoor air unit settings

Design Simulator

DX Kit Outdoor air unit selection method (2/3)

Input new DX kit - outdoor air unit

Name: DX2 Comments: []

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

Cooling
Rated TC: 5.1 kW
Discharge DBT: 18 C
WBT: 17.5 C
Outside DBT: 33.0 C
RH %: 67.1

Heating
Rated HC: 5.7 kW
Discharge DBT: 25 C
Outside DBT: 0 C

Heat exchanger capacity: 960 cm3
Input range: 1 - 3950

Model: UTY-VDGX UTP-VX30A

RC: Wired RC(Touch)

Additional information
Room setting

Report-Other unit information

Model name: []
Rated TC: 5.1 kW
Rated SC: 4.0 kW
Rated HC: 5.7 kW
MCA: 25.00 A
Power: 100 W

Airflow: High/Low (m3/h)
SP: High/Low (Pa)
Sound: High/Low (dB)

Dimensions: Height (mm), Width, Depth
Weight: 198.00 kg

Other Unit Add

Cancel Add

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

Select Model type

Select Other unit

Input Model name

Input Rated TC/HC

Input DBT

Input WBT

Input Heat exchanger capacity

Select Picture

Select type of Remote Controller

Room setting function

DX Kit Outdoor air unit selection method (3/3)

Input new DX kit - outdoor air unit

Name: DX2 Comments:

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
Cooling		Heating	
Rated TC	kW 5.1	Rated HC	kW 5.7
Discharge DBT	C 18	Discharge DBT	C 25
WBT	C 17.5	Outside DBT	C 0
Outside DBT	C 33.0	Heat exchanger capacity	cm3 960
RH %	67.1	Input range	1 - 3950

Model: UTY-VDGX UTP-VX30A

RC: Wired RC(Touch)

Additional information:

Select picture:

Report-Other unit information

Model name	Other UnitAdd		
Rated TC	kW 5.1	Rated SC	kW 4.0
Rated SC	kW 4.0	MCA	A 25.00
Rated HC	kW 5.7	Power	W 100
Airflow	High 910 Low 400	Dimensions	
SP	High 90 Low 10	Height	mm 1690
Sound	High 46 Low 26	Width	930
		Depth	765
		Weight	kg 198.00

It can save, even if it does not input the all contents within the report items. It is not outputted to other screens or report.

Other Unit Add function

Input Rated SC

Input MCA

Input Power

Input Dimensions

Input Weight

Input Airflow

Input SP

Input Sound

1. Indoor unit



Select Indoor unit

2. Outdoor air unit



Select Outdoor air unit

3. DX Kit Indoor unit



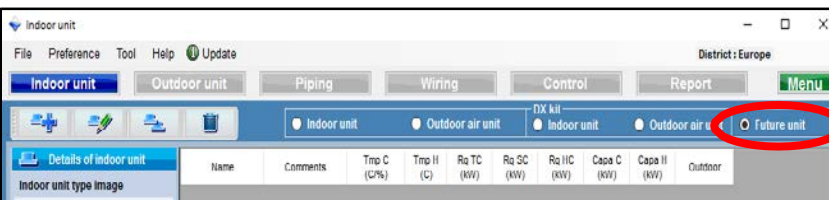
Select DX Kit Indoor unit

4. DX Kit Outdoor air unit



Select DX Kit Outdoor air unit

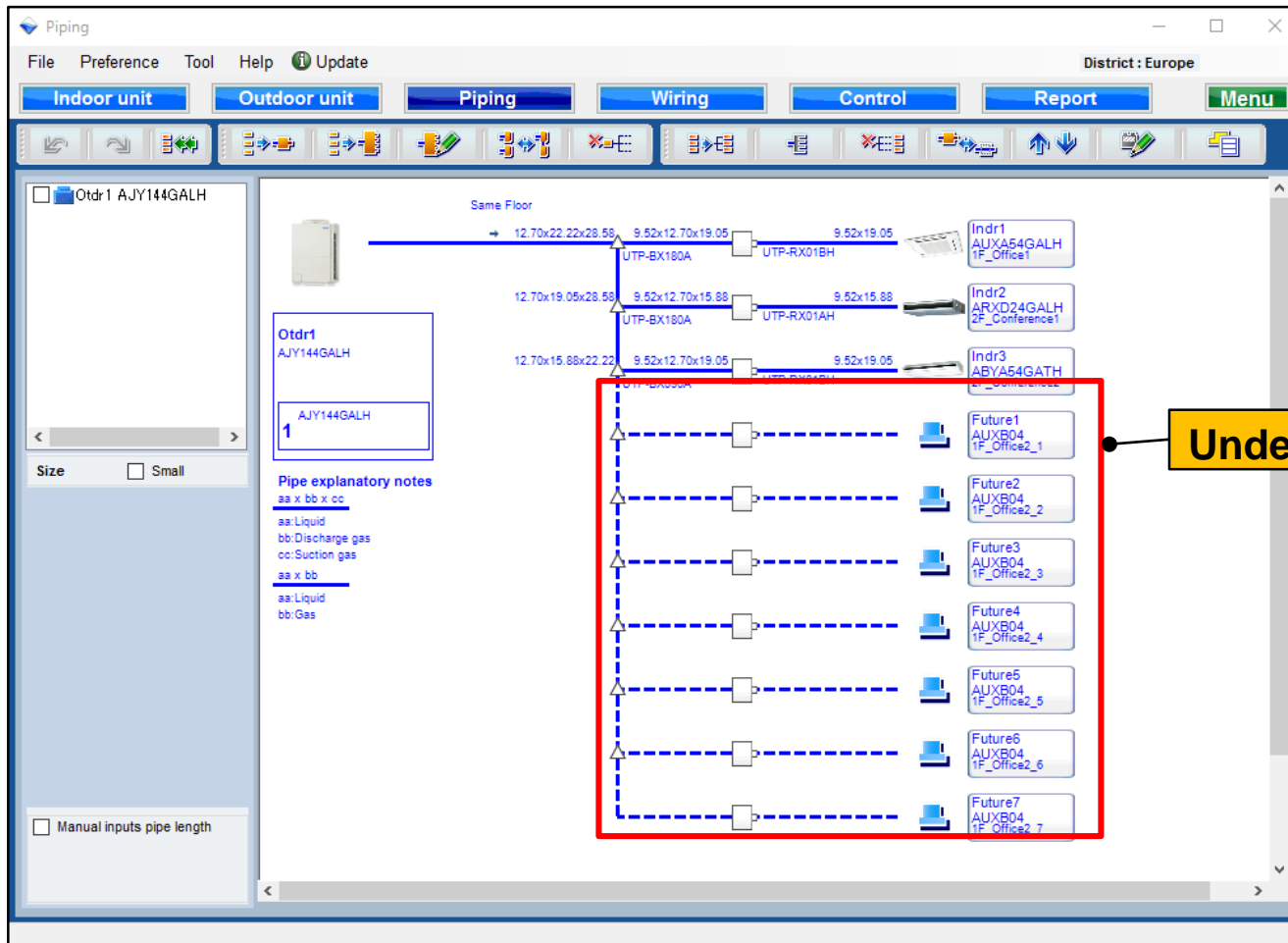
5. Future unit



Select Future unit

Future unit outline

This function selects outdoor units and piping in prospect of indoor units added in the future. Therefore, the results are not reflected to estimates or model selection list.



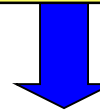
Undefined indoor units part

5.Future unit settings

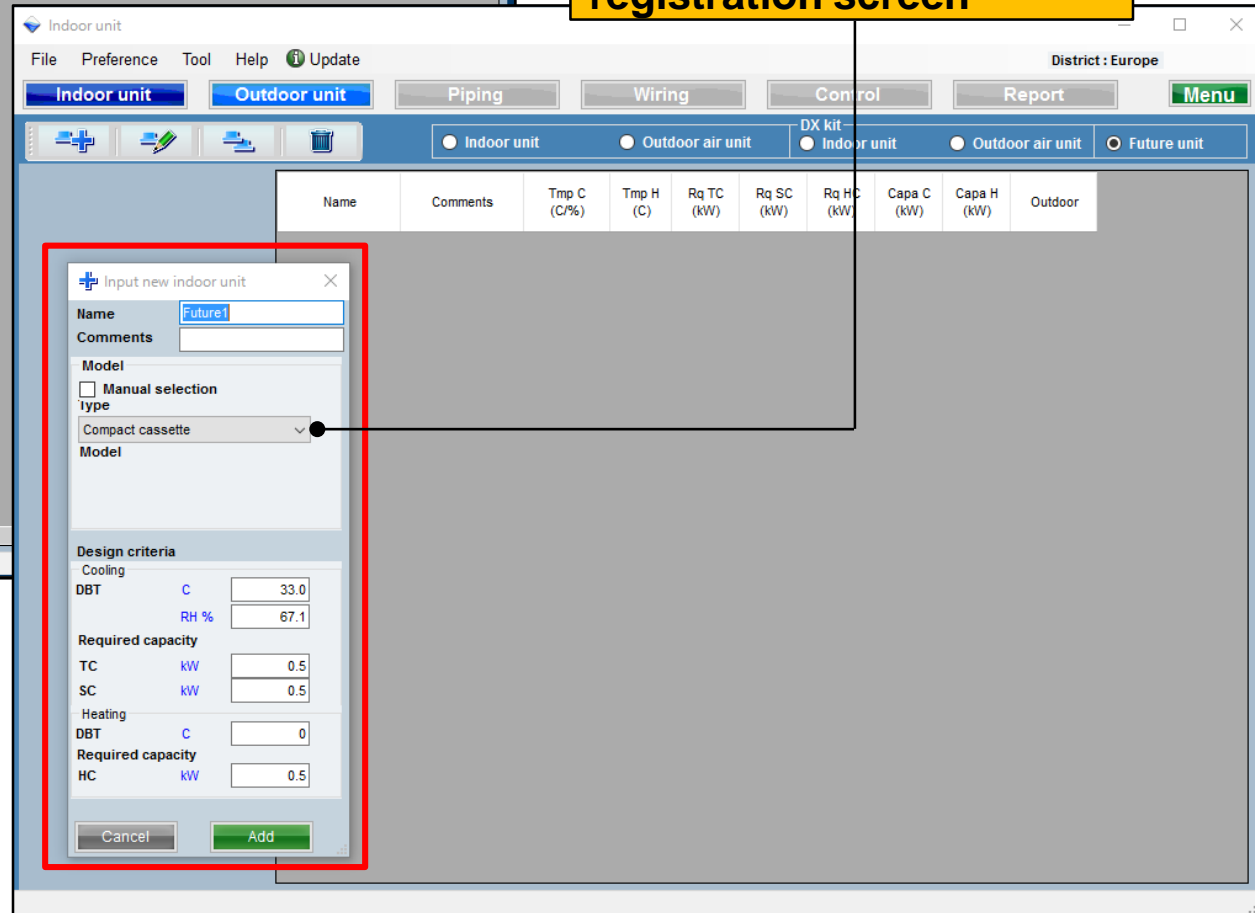
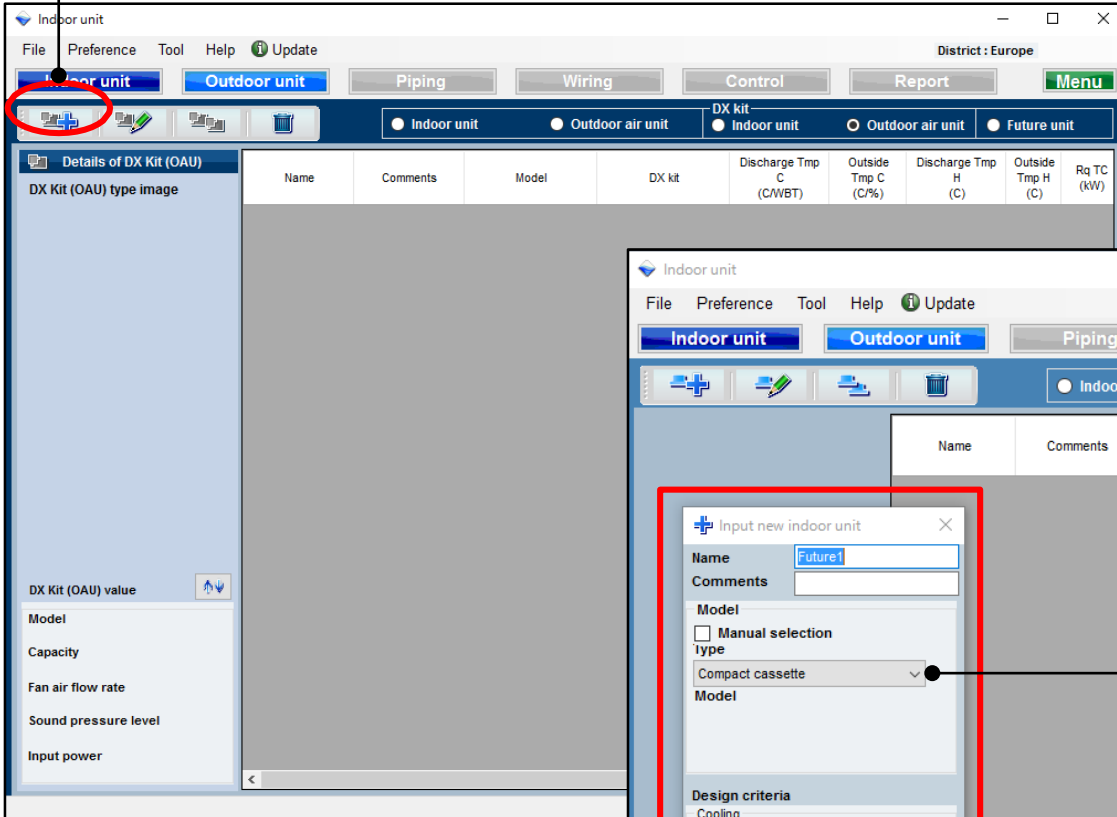
Design Simulator

Future unit selection method (1/4)

Select "add new future unit"



Open future unit initial registration screen



Future unit selection method (2/4)

Input new indoor unit

Name: Future1

Comments:

Model

Manual selection

type: Compact cassette

Model:

Design criteria

Cooling

DBT	C	33.0
	RH %	67.1
Required capacity		
TC	kW	0.5
SC	kW	0.5

Heating

DBT	C	0
Required capacity		
HC	kW	0.5

Buttons: Cancel, Add

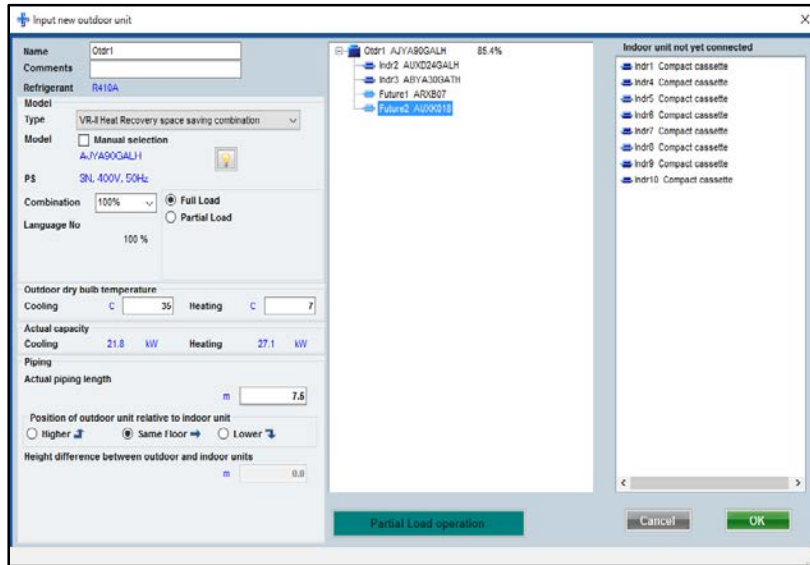
Select Manual selection

Select type of Indoor unit

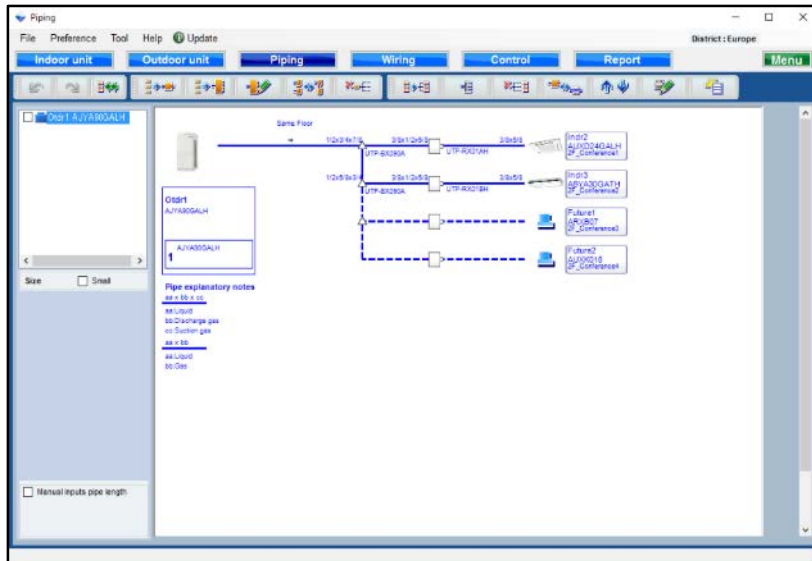
Input DBT

Input Required capacity

Future unit selection method (3/4)



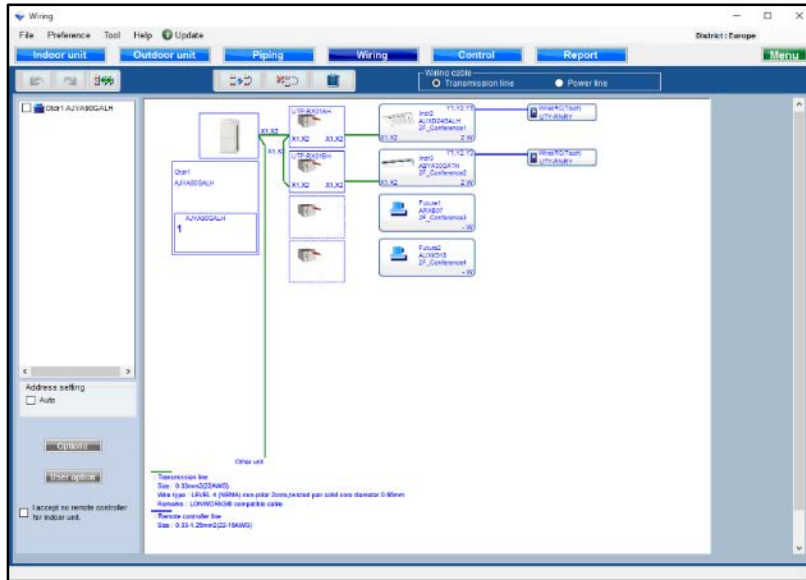
Connect future unit to outdoor unit



Future unit can be displayed at Piping. Pay attention to the following points.

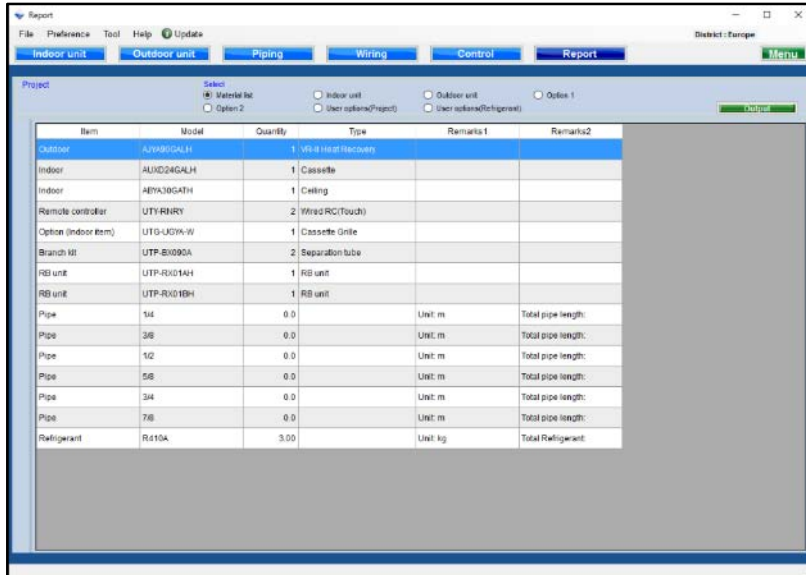
- " Future unit" only, a connection design of header can't be done.
- " Future unit" only, a connection design of RB single can't be done.
- " Future unit" only, a connection design of RB Multi can't be done.
- The design with which "Future unit" is connected at the end of header can't be done.
- Length input of the laying of the pipes which connects with "Future unit" can't be done.

Future unit selection method (4/4)



Future unit can be displayed at Wiring.
Pay attention to the following points.

- A remote control group including "Future unit" can't be designed.
- "Future unit" will not be displayed transmission lines and power lines.



Future unit is not displayed at Report.