

# U-match Selector Help

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Ver. 1.0

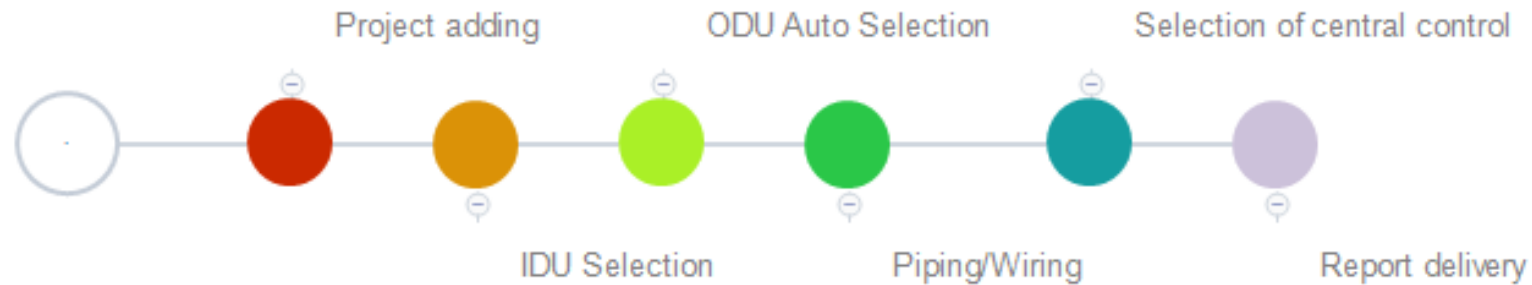
2023/5/17

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# 1、 Overview

Gree new generation VRF selector is developed based on years of experience in model selection and comprehensive research and analysis on the market. We carefully studied the selection logic of VRF products and optimized the selection process to tackle the pain points of customers, so as to make it suitable to different groups of customers. It is convenient to use, professional and precise. Each selection can be a joyful trip.

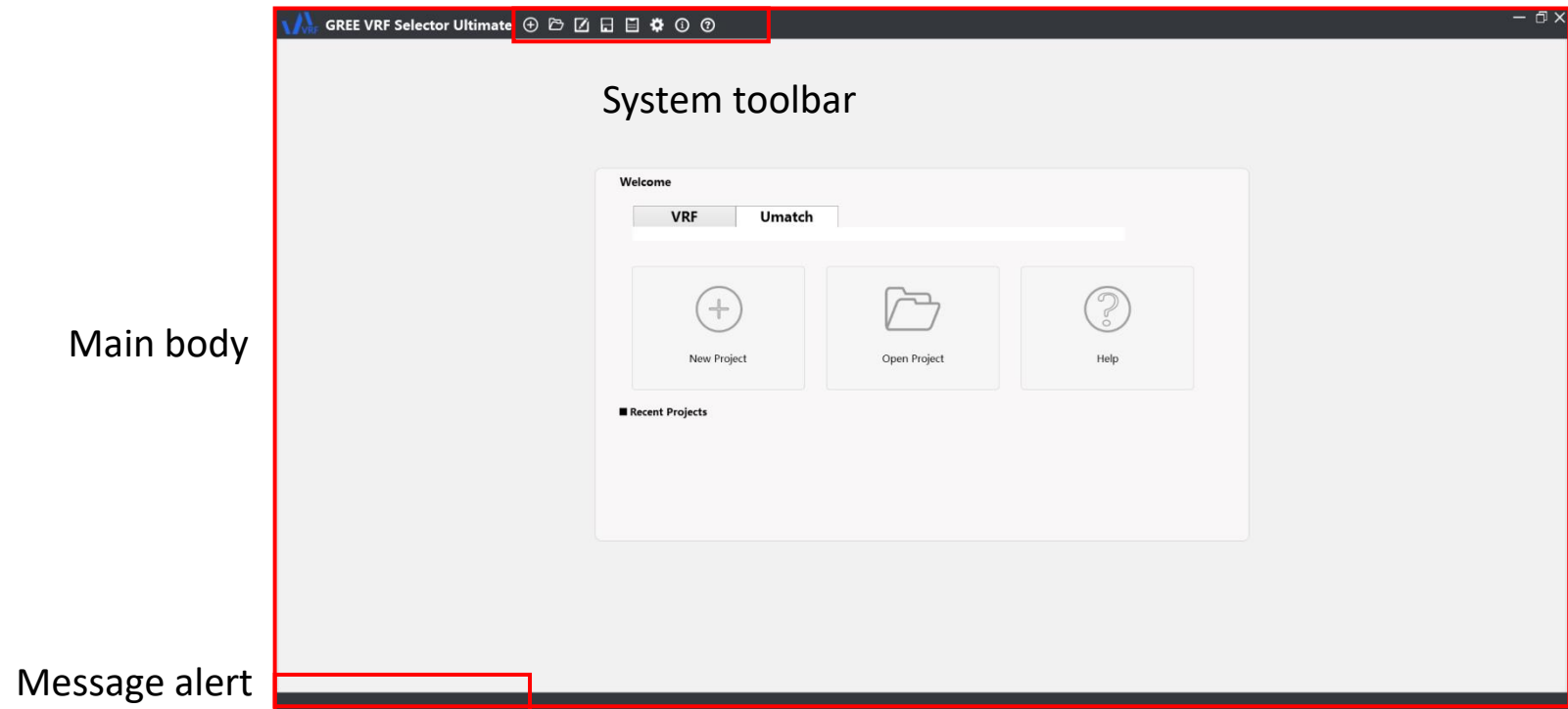


## 2、 Model Selection

### 1.Homepage

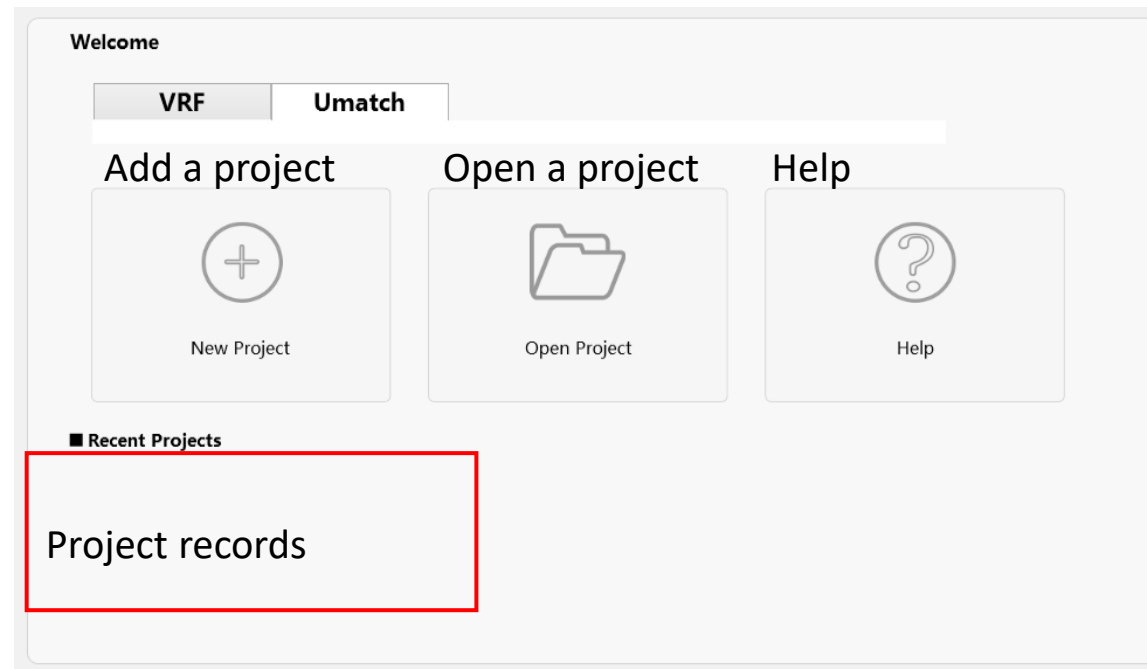
The homepage is divided into three sections.

- 1、 System toolbar(including project adding, save, edit and system setting)
- 2、 Main body (display area of the software)
- 3、 Message alert (display of system messages)

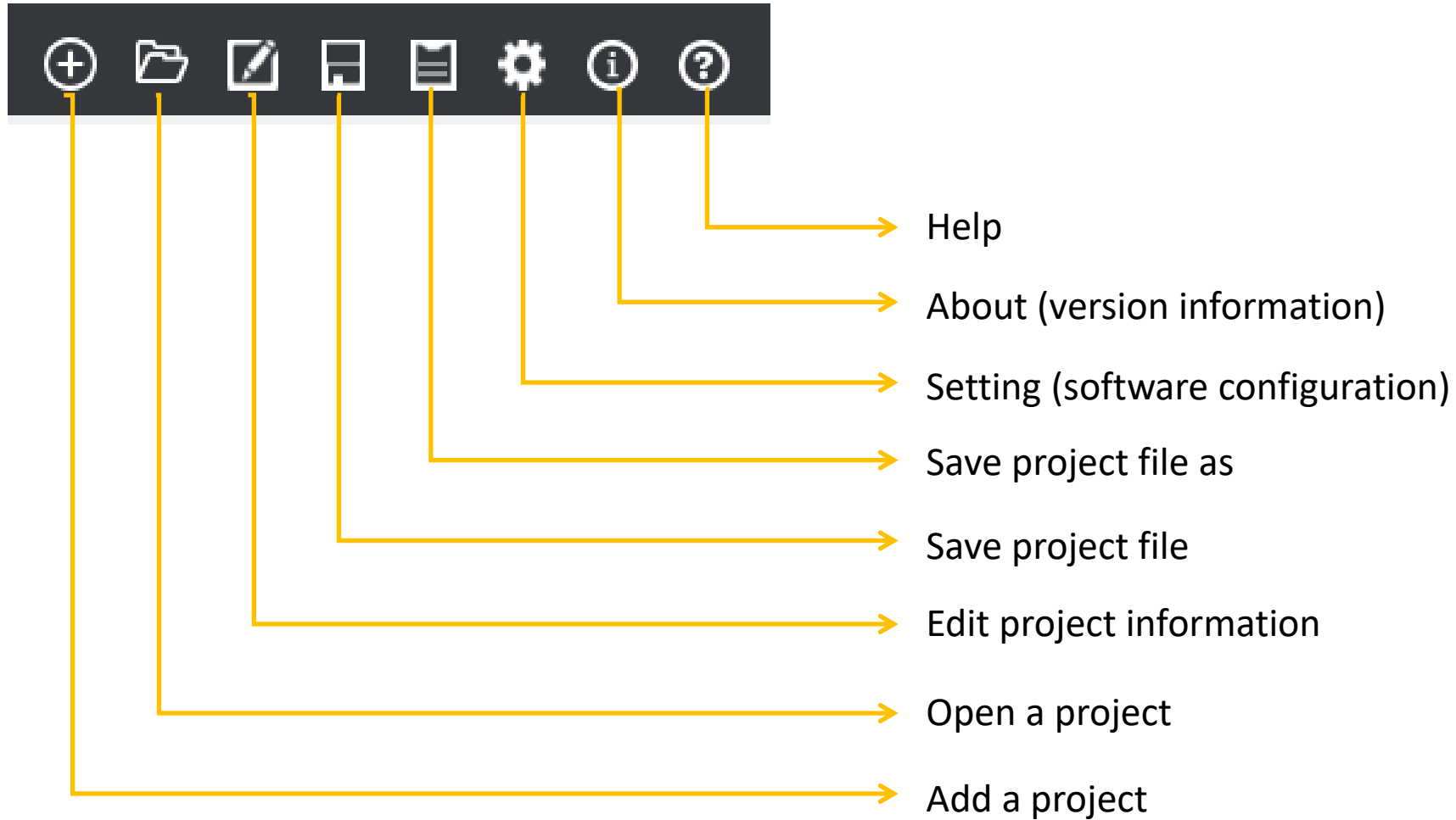


## 1.1 Welcome page

After the software is started, you will see a welcome page at the main body.



## 1.2 System toolbar



## 1.3 Setting

1. Unit setting (This is to set units that are used for calculation during model selection)

**Setting**

Unit | Selection calculation | Save automatically | CAD configuration | Other

☐ Metric system    ☒ Imperial system

Temperature <input type="radio"/> °C <input checked="" type="radio"/> °F	Length <input type="radio"/> m <input checked="" type="radio"/> ft
Capacity <input type="radio"/> kw <input checked="" type="radio"/> kBtu/h	Pipe diameter <input type="radio"/> mm <input checked="" type="radio"/> in
Weight <input type="radio"/> kg <input checked="" type="radio"/> Lbs.	Pressure <input type="radio"/> Pa <input checked="" type="radio"/> inWG
Volume <input type="radio"/> L <input checked="" type="radio"/> gal	Airflow volume <input type="radio"/> m³/h <input checked="" type="radio"/> CFM
HeatLoad <input type="radio"/> kw <input checked="" type="radio"/> kBtu/h	

\* Restart software to take effect

Confirm Cancel

## 1.3 Setting

### 2. Selection calculation (the way of auto adjustment, tolerance allowed, correction factor)

IDU and ODU are adjusted at the same time by default.

**Setting**

Unit Selection calculation Save automatically CAD configuration Other

**Adjust the way**

☒ Adjust IDU and ODU at the same time ☐ Only adjust outdoor unit

**Indoor unit tolerances allowed**

Cooling	-10%		20%	0%
Heating	-10%		20%	0%
Sensible Cooling	-10%		20%	0%

**Indoor unit maximum simultaneous utilization rate**

Cooling	80%		100%	100%
Heating	80%		100%	100%

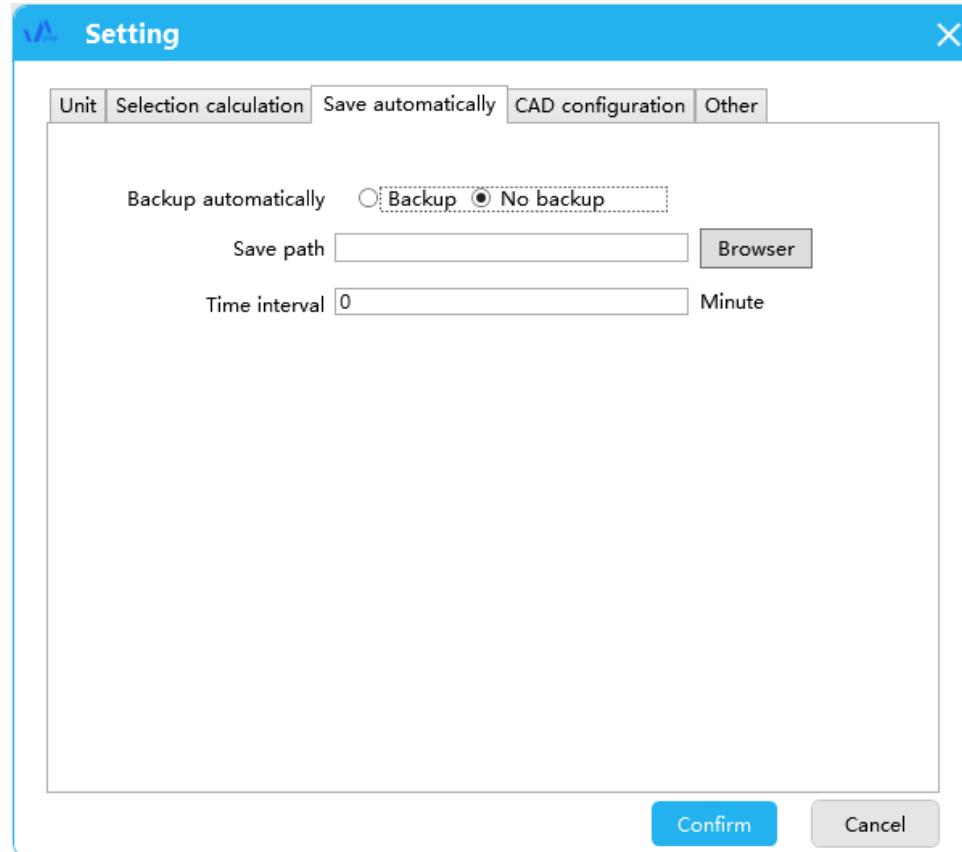
**Select the modification item of the actual capacity of the unit**

Indoor unit		Outdoor unit	
Cooling	<input checked="" type="checkbox"/> m <input checked="" type="checkbox"/> b	Cooling	<input checked="" type="checkbox"/> a <input checked="" type="checkbox"/> b
Heating	<input checked="" type="checkbox"/> m <input checked="" type="checkbox"/> b <input checked="" type="checkbox"/> c	Heating	<input checked="" type="checkbox"/> a <input checked="" type="checkbox"/> b <input checked="" type="checkbox"/> c
Sensible Cooling	<input checked="" type="checkbox"/> m <input checked="" type="checkbox"/> b <input checked="" type="checkbox"/> n	Sensible Cooling	<input checked="" type="checkbox"/> a <input checked="" type="checkbox"/> b <input checked="" type="checkbox"/> n
		Water Cooling	<input checked="" type="checkbox"/> d
		Heating	<input checked="" type="checkbox"/> d

Confirm Cancel

## 1.3 Setting

### 3. Save automatically (Set the path and time interval for auto saving)



The screenshot shows a 'Setting' dialog box with a blue title bar and a close button. It contains five tabs: 'Unit', 'Selection calculation', 'Save automatically' (which is active), 'CAD configuration', and 'Other'. The 'Save automatically' tab has two radio buttons for 'Backup automatically': 'Backup' and 'No backup' (which is selected). Below these are two input fields: 'Save path' with a 'Browser' button next to it, and 'Time interval' with the value '0' and the unit 'Minute'. At the bottom right are 'Confirm' and 'Cancel' buttons.

Setting

Unit Selection calculation **Save automatically** CAD configuration Other

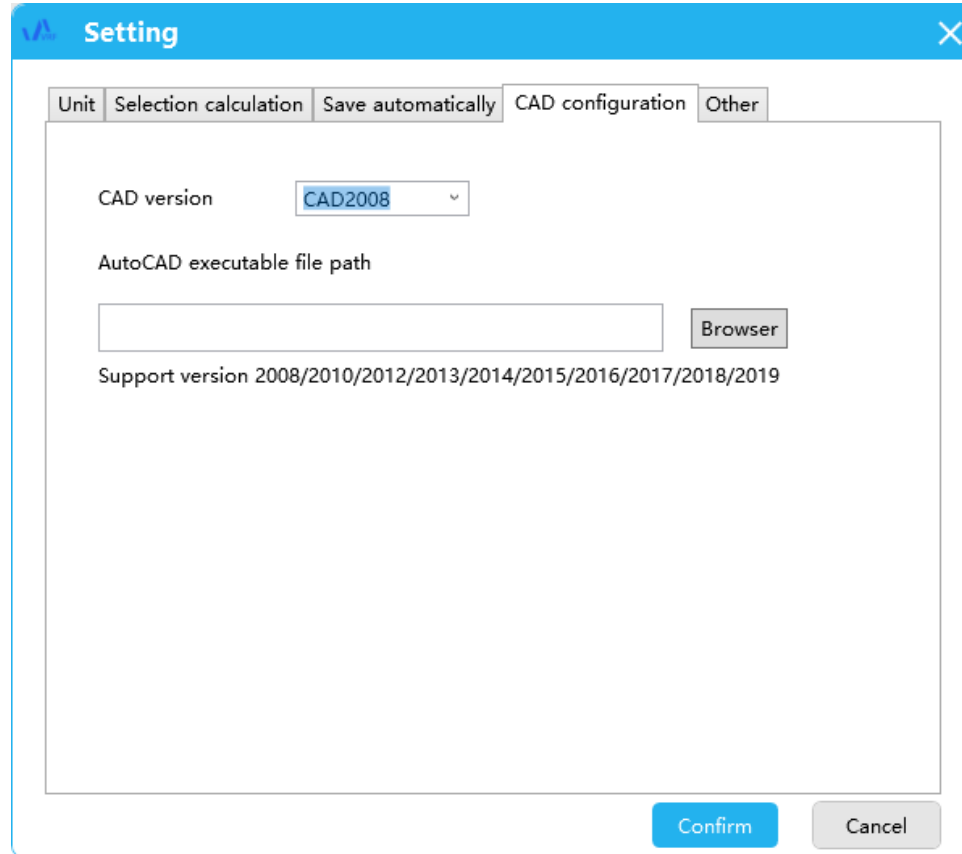
Backup automatically ☐ Backup ☒ No backup

Save path

Time interval  Minute

## 1.3 Setting

### 4. AutoCAD configuration (AutoCAD version, executable file path)



The screenshot shows a 'Setting' dialog box with a blue title bar and a close button. It contains five tabs: 'Unit', 'Selection calculation', 'Save automatically', 'CAD configuration' (which is active), and 'Other'. The 'CAD configuration' tab has two main settings: 'CAD version' with a dropdown menu showing 'CAD2008', and 'AutoCAD executable file path' with a text input field and a 'Browser' button. Below these is a line of text: 'Support version 2008/2010/2012/2013/2014/2015/2016/2017/2018/2019'. At the bottom right are 'Confirm' and 'Cancel' buttons.

Setting

Unit Selection calculation Save automatically CAD configuration Other

CAD version CAD2008

AutoCAD executable file path

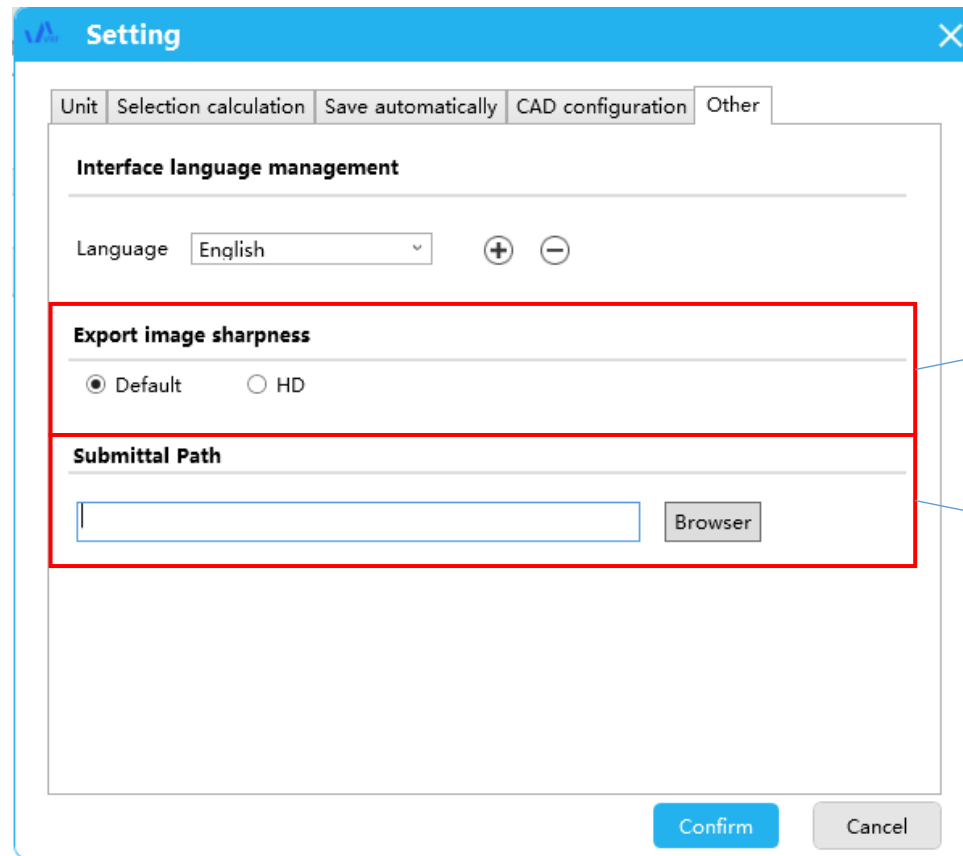
Browser

Support version 2008/2010/2012/2013/2014/2015/2016/2017/2018/2019

Confirm Cancel

## 1.3 Setting

### 5. Others (Add or delete languages,submittal)



Setting

Unit Selection calculation Save automatically CAD configuration Other

Interface language management

Language English + -

Export image sharpness

☒ Default ☐ HD

Submittal Path

Browser

Confirm Cancel

HD image export setting

Submittal path setting  
(This function is only for North American market at present)

## 2. Project adding

Click the icon of project adding at the toolbar or the welcome page to open the window of new project.

**Project information**

Project information

Area: North America Frequency: 50Hz 60Hz

Project Name: Address:

Date: 2021/9/4 Contract No.:

**Client information**

Name: Position:

Company: Address:

Tel: Fax:

☐ Save client information

**Designer information**

Name: Position:

Company: Address:

Tel: Fax:

☐ Save designer information

Remark:

Confirm Cancel

Enter project information

Choose an area for data customization.

Choose power specification.

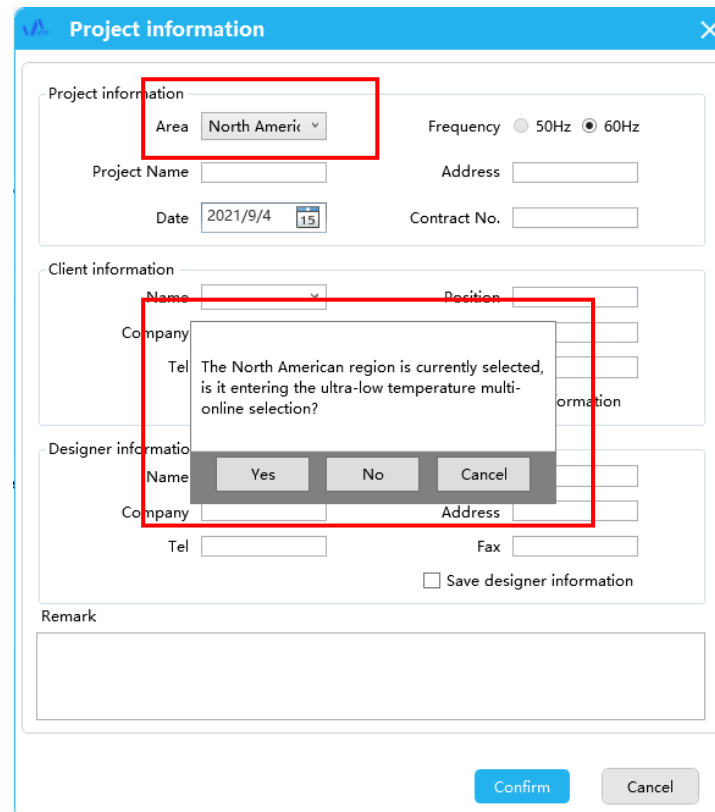
Enter client information.

Enter designer information.

After entering all the information, click “Confirm” to enter the interface of IDU selection.

## 2. Project adding

Note: After selecting “North America”, you can choose whether to jump to the selection of ultra-low temperature models when you click “Confirm”.



The screenshot shows a 'Project information' dialog box with a blue header and a close button. The dialog is divided into several sections: 'Project information', 'Client information', 'Designer information', and 'Remark'. In the 'Project information' section, the 'Area' dropdown is set to 'North America' and is highlighted with a red rectangle. The 'Frequency' section has radio buttons for '50Hz' and '60Hz', with '60Hz' selected. The 'Client information' section has fields for 'Name', 'Position', 'Company', and 'Tel'. The 'Designer information' section has fields for 'Name', 'Company', 'Address', 'Tel', and 'Fax', along with a checkbox for 'Save designer information'. A confirmation pop-up dialog is overlaid on the 'Client information' section, asking 'The North American region is currently selected, is it entering the ultra-low temperature multi-online selection?'. The pop-up has 'Yes', 'No', and 'Cancel' buttons. The 'Remark' section is a large text area at the bottom. At the bottom of the main dialog, there are 'Confirm' and 'Cancel' buttons.

Project information

Area: North America

Frequency: 50Hz 60Hz

Project Name:

Address:

Date: 2021/9/4

Contract No.:

Client information

Name:

Position:

Company:

Tel:

Designer information

Name:

Company:

Address:

Tel:

Fax:

Save designer information:

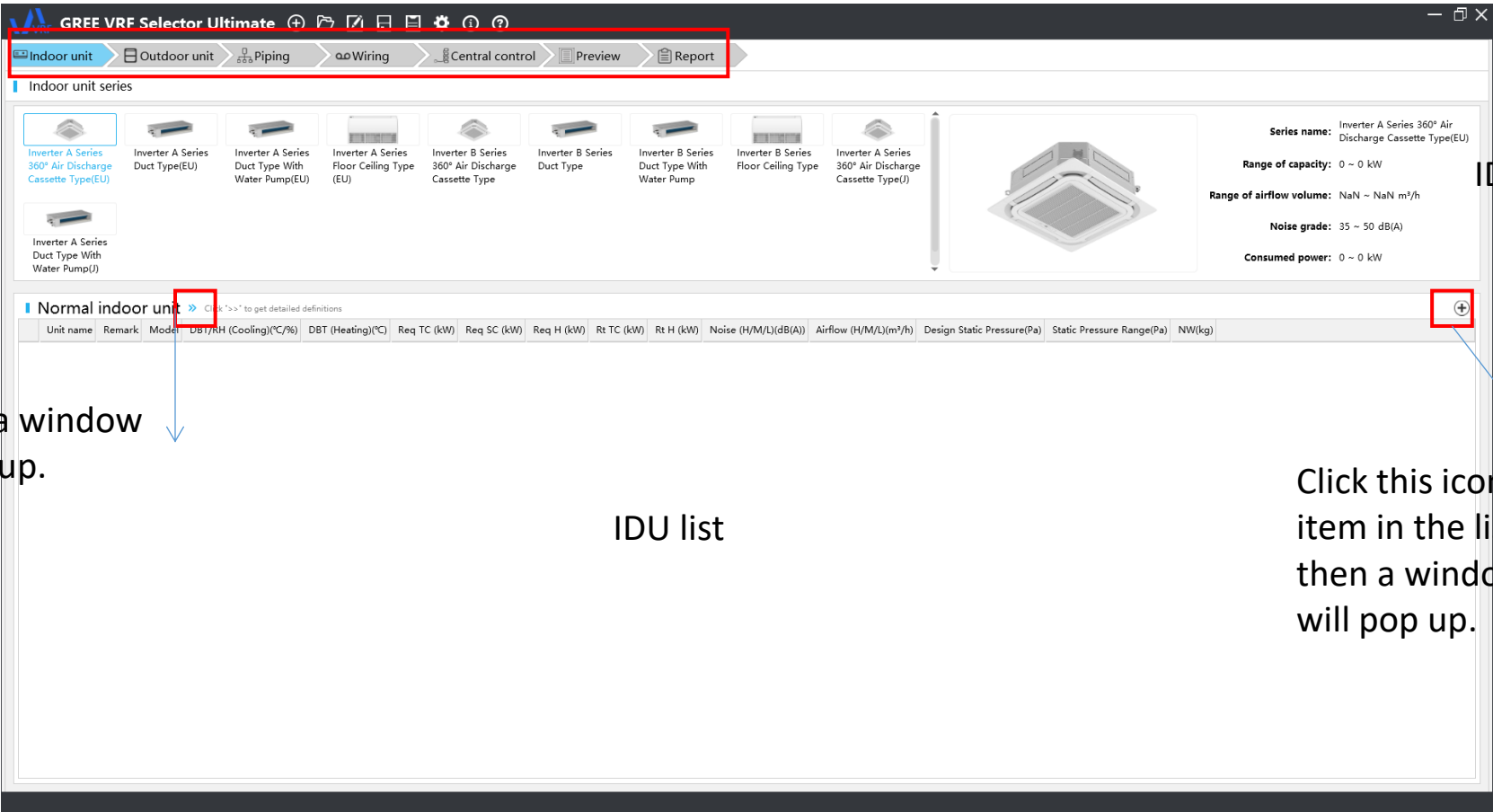
Remark:

Confirm Cancel

# 3. IDU selection

## IDU selection Interface

Selection process navigation bar (Note: Other interfaces are shielded until IDUs are added.)



List of IDU series

IDU information

Click the blue arrow and a window of specifications will pop up.

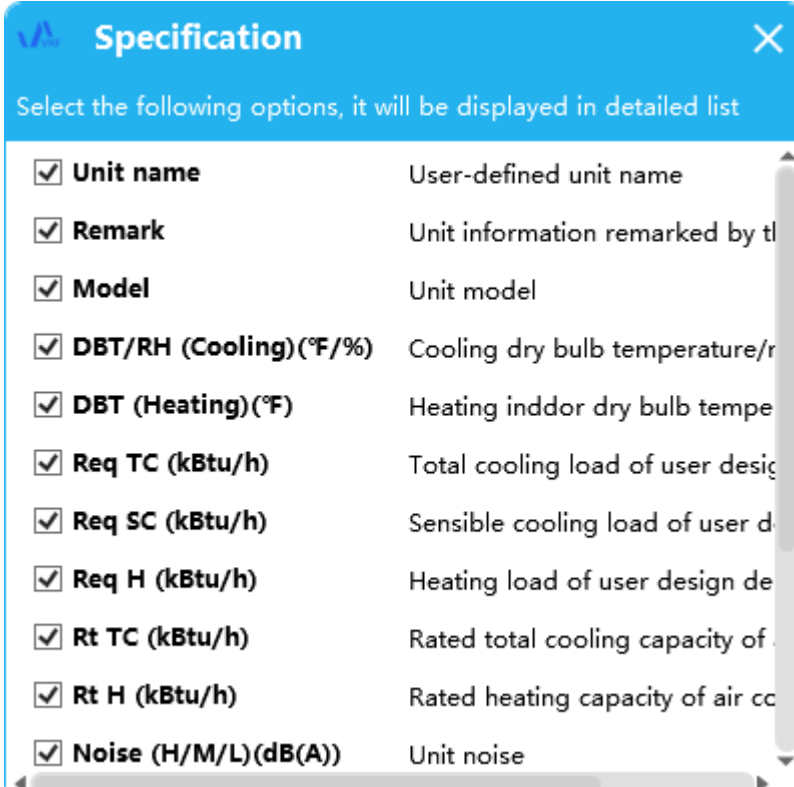
IDU list

Click this icon or double-click an item in the list of IDU series, then a window of IDU adding will pop up.

### 3. IDU selection

#### Selection of specifications

Normal indoor unit >> Click ">>" to get detailed definitions											+
Unit name	Remark	Model	DBT/RH (Cooling)(°F/%)	DBT (Heating)(°F)	Req TC (kBtu/h)	Req SC (kBtu/h)	Req H (kBtu/h)	Rt TC (kBtu/h)	Rt H (kBtu/h)	Noise (H/M/L)(dB(A))	Airflow (H/M/L)(CFM)

A blue dialog box titled "Specification" with a close button (X) in the top right corner. Below the title bar, it says "Select the following options, it will be displayed in detailed list". There is a list of 11 items, each with a checked checkbox and a description. The items are: Unit name (User-defined unit name), Remark (Unit information remarked by tl), Model (Unit model), DBT/RH (Cooling)(°F/%) (Cooling dry bulb temperature/r), DBT (Heating)(°F) (Heating inddor dry bulb tempe), Req TC (kBtu/h) (Total cooling load of user desig), Req SC (kBtu/h) (Sensible cooling load of user d), Req H (kBtu/h) (Heating load of user design de), Rt TC (kBtu/h) (Rated total cooling capacity of), Rt H (kBtu/h) (Rated heating capacity of air co), and Noise (H/M/L)(dB(A)) (Unit noise). A scrollbar is visible on the right side of the list.

<input checked="" type="checkbox"/> Unit name	User-defined unit name
<input checked="" type="checkbox"/> Remark	Unit information remarked by tl
<input checked="" type="checkbox"/> Model	Unit model
<input checked="" type="checkbox"/> DBT/RH (Cooling)(°F/%)	Cooling dry bulb temperature/r
<input checked="" type="checkbox"/> DBT (Heating)(°F)	Heating inddor dry bulb tempe
<input checked="" type="checkbox"/> Req TC (kBtu/h)	Total cooling load of user desig
<input checked="" type="checkbox"/> Req SC (kBtu/h)	Sensible cooling load of user d
<input checked="" type="checkbox"/> Req H (kBtu/h)	Heating load of user design de
<input checked="" type="checkbox"/> Rt TC (kBtu/h)	Rated total cooling capacity of
<input checked="" type="checkbox"/> Rt H (kBtu/h)	Rated heating capacity of air co
<input checked="" type="checkbox"/> Noise (H/M/L)(dB(A))	Unit noise

- 1.By selecting these parameters, you can adjust data items shown in the IDU list of the IDU selection interface.
- 2.You can view the explanation of each abbreviated parameter.

### 3. IDU selection

#### Window of IDU adding

U-Match Unit

Unit name: U-Match 1

Remark:

ODU Type: Heat pump ODU Power: 220~240V, 1Ph

IDU Type: Cassette IDU Series: Inverter A Series

☐ Manual selection

**Design condition**

Design condition

Cooling Indoor DBT: 27.00 °C WBT: 19.00 °C RH: 45.77 % Outdoor DBT: 35.00 °C

Heating Indoor DBT: 20.00 °C Outdoor DBT: 7.00 °C WBT: 6.00 °C RH: 85.36 %

**Required Capacity**

Total cooling: 0 kW Heating: 0 kW Static pressure: 0 Pa

**Height Difference**

0 m

Cancel Add

Set unit name 、 remark

Click the blue arrow or select the select box and then a manual selection window will pop up.  
(When you add AHU-KIT, select AHU. Once added, it can't be changed.)

Set working condition

Design load  
(Different design load selections are displayed as per IDU series.)

Other settings, height difference to ODU  
(For example, position of the ODU relative to IDUs)

Click "Add" to add one IDU.

普通内机

### 3. IDU selection

#### Auto recommendation

U-Match Unit

Unit name

Remark

ODU Type
Heat pump
ODU Power
220~240V, 1Ph

IDU Type
Cassette
IDU Series
Inverter A Serie

☐ Manual selection

#### Design condition

Cooling
Indoor
DBT
27.00 °C
WBT
19.00 °C
RH
45.77 %
Outdoor
DBT
35.00 °C

Heating
Indoor
DBT
20.00 °C
Outdoor
DBT
7.00 °C
WBT
6.00 °C
RH
85.36 %

#### Required Capacity

Total cooling
0 kW
Heating
0 kW
Static pressure
0 Pa

#### Height Difference

0 m

Cancel
Add

Normal indoor unit <small>Click "&gt;&gt;" to get detailed definitions</small>														
Unit name	Remark	Model	DBT/RH (Cooling)(°C/%)	DBT (Heating)(°C)	Req TC (kW)	Req SC (kW)	Req H (kW)	Rt TC (kW)	Rt H (kW)	Noise (H/M/L)(dB(A))	Airflow (H/M/L)(m³/h)	Design Static Pressure(Pa)	Static Pressure Range(Pa)	NW(kg)
U-Match 1		GUD35T1/A-S	27 / 45.77	20	0	0	0	3.5	4	35/33/29	- / - / -	0	0	16.5
U-Match 2		GUD35T1/B-S	27 / 45.77	20	0	0	0	3.5	4	35/33/29	- / - / -	0	0	16.5
U-Match 3		GUD18T1/A-S(J)	27 / 45.77	20	0	0	0	5.28	5.8	35/33/31	- / - / -	0	0	9.53

(Fully automatic)

1. Every time you click “Add”, it will automatically select IDUs according to the selected IDU series, input working condition and design load. The selected IDUs will be displayed in the IDU list.
2. IDUs will be adjusted automatically in following selections.
3. If no IDU is satisfied, it will inform you of the cause.

(Semi automatic)

After clicking the blue arrow, a manual selection window will pop up. When the manual select box is not selected:

1. Double-click the specific model and set the rated power of that model as design load; when you click “Add”, the unit that satisfies the required capacity will be recommended and added to the IDU list.
2. IDUs will be adjusted automatically in following selections.

### 3.IDU selection

#### Manual selection

U-Match Unit

Unit nameU-Match 4

Remark

ODU TypeHeat pumpODU Power220~240V,1Ph

IDU TypeCassetteIDU SeriesInverter A Serie

☒ Manual selection

Model

Design condition

Cooling Indoor

DBT27.00 °C

WBT19.00 °C

RH45.77 %

Outdoor

DBT35.00 °C

Heating Indoor

DBT20.00 °C

Outdoor

DBT7.00 °C

WBT6.00 °C

RH85.36 %

Required Capacity

Total cooling0 kW

Heating0 kW

Static pressure0 Pa

Height Difference

0 m

DBT

WBT

RH

DBT

WBT

RH

DBT

WBT

RH

CancelAdd

Inoor unit series

Inverter A Series  
360° Air Discharge  
Cassette Type(EU)

Inverter B Series  
360° Air Discharge  
Cassette Type

Inverter A Series  
360° Air Discharge  
Cassette Type(J)

Inoor unit list

Model	Rt TC (kW)	Rt H (kW)	NW(kg)	Noise (H/M/L)(dB(A))
GUD35T1/A-S	3.5	4	16.5	35/33/29
GUD50T1/A-S	5.3	5.8	21	35/33/31
GUD50T1/A1-S	5	5.6	16.5	41/39/35
GUD71T1/A-S	7.1	7.8	21	38/36/34
GUD85T1/A-S	8.5	8.8	21	46/42/38
GUD100T1/A-S	10.5	11.5	23	41/39/38
GUD125T1/A-S	12.1	13.5	23	46/43/39
GUD140T1/A-S	13.4	15.5	25	48/45/41

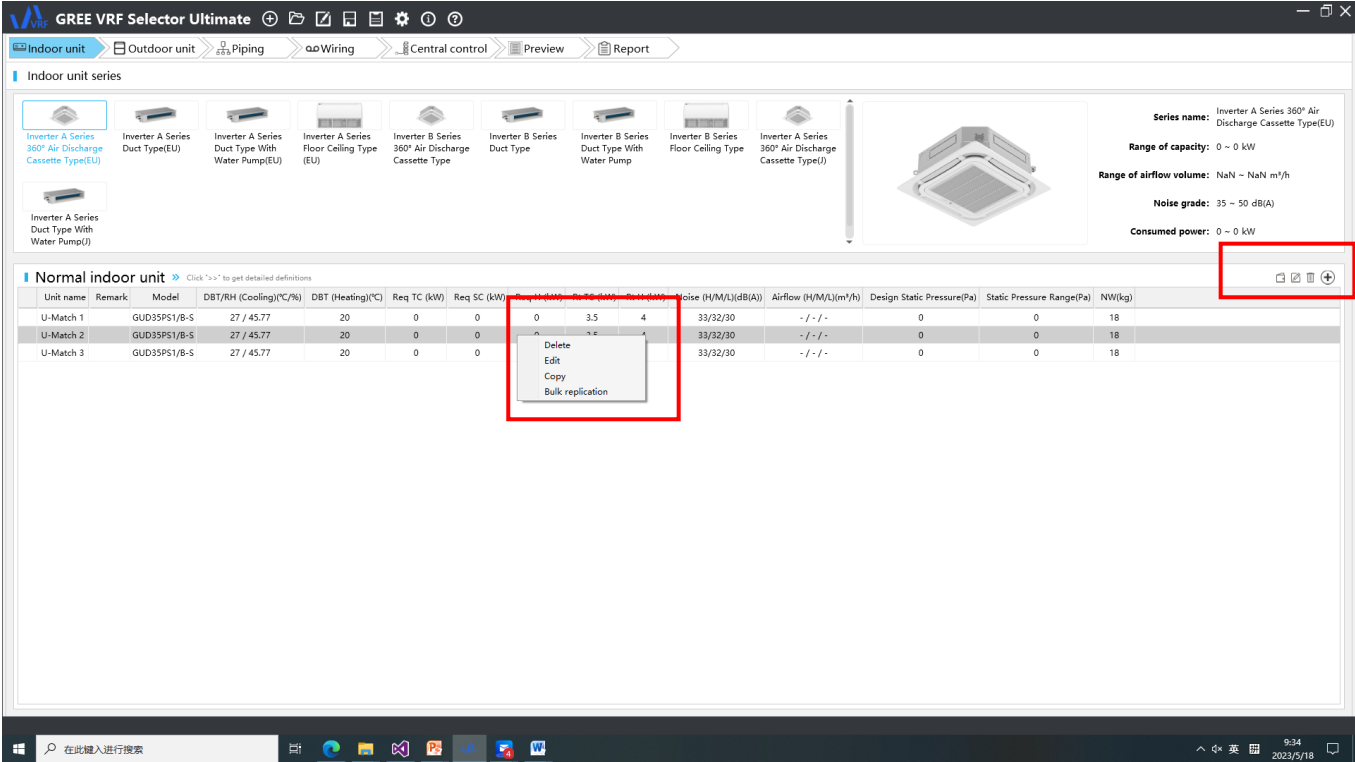
( Completely manual)

After selecting the select box, a manual selection window will pop up.

- 1.Double-click the specific model. If the current input load is “0”, then set the design load; if the current load is not “0”, then do not change the design load. The column of Model will display the selected IDUs. When you click “Add”, the unit will be added to the IDU list.
- 2.IDUs will not be adjusted in following selections.

# 3. IDU selection

## Actions of IDU list



Click a certain IDU in the list, then three icons w  
Right-click a certain IDU in the list, then an actio  
The three icons correspond to the three actions  
Delete: Delete the corresponding IDU;  
Edit: Edit the corresponding IDU;  
Copy: Copy the corresponding IDU.

## 4. ODU selection

### ODU selection Interface

After IDU selection is done, click “Outdoor unit” at the process navigation bar to enter the ODU selection interface.

List of ODUs

The screenshot displays the GREE VRF Selector Ultimate software interface. The top navigation bar includes tabs for Indoor unit, Outdoor unit, Piping, Wiring, Central control, Preview, and Report. The 'Outdoor unit' tab is active. On the left, a list of outdoor units is shown, with 'U-Match 1' selected. The main area displays detailed information for 'U-Match 1', including its model (GUD35W1/NhB-S), selection status (100%), and design conditions for both cooling and heating. A table at the bottom provides a summary of the unit's specifications.

Unit name	Remark	Model	DBT/RH (Cooling)(°C/%)	DBT (Heating)(°C)	Req TC (kW)	Req SC (kW)	Req H (kW)	Rt TC (kW)	Rt H (kW)	Noise (H/M/L)(dB(A))	Airflow (H/M/L)(m³/h)	Design Static Pressure(Pa)	Static Pressure Range(Pa)	NW(kg)
U-Match 1		GUD35SP1/B-S	27 / 45.77	20	0	0	0	3.5	4	33/32/30	- / - / -	0	0	18

Display area of ODU information

## 5. Piping

Piping interface (Take heat pump system as an example)

Piping toolbar

Legend

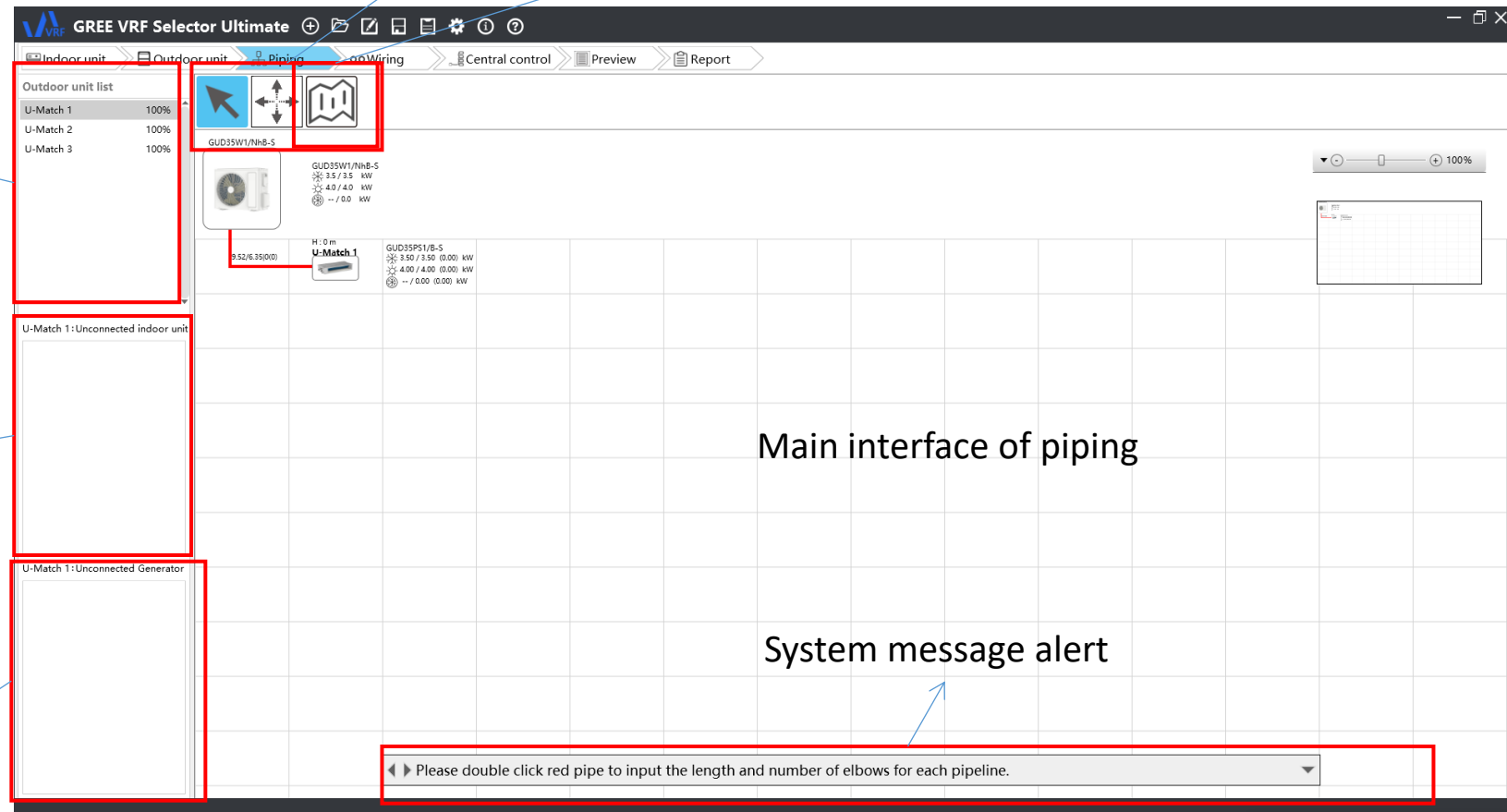
List of ODUs

List of IDUs not connected to pipes

List of hot water generators not connected to pipes

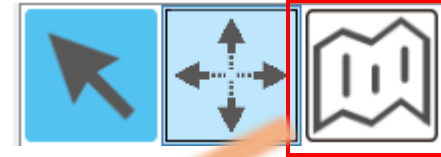
Main interface of piping

System message alert



## 5. Piping

### Piping legend



Legend

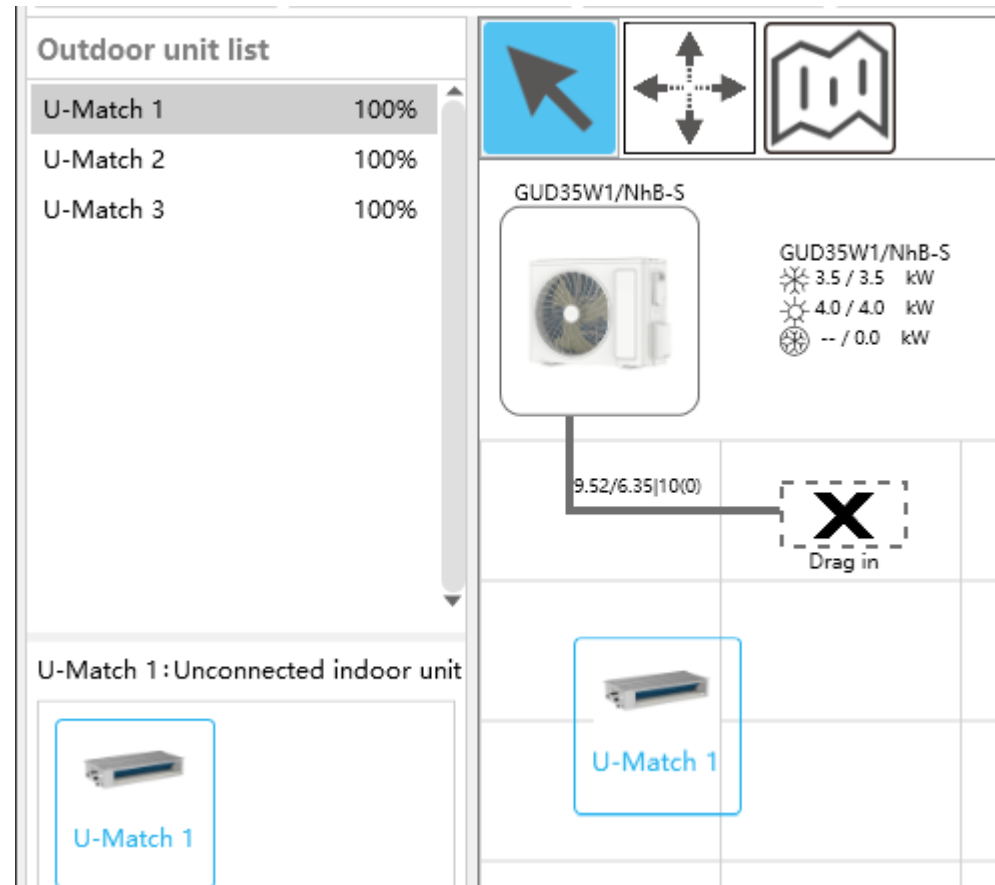
Item	Explain
1	Branch Name : Branch Model
2	Gas pipe /The pipe diameter of Liquid
3	The length of pipe(Elbow quantity)
4	H:Drop from ODU
5	Unit name
6	Unit model
7	Cooling Rated Capacity /Actual Capacity
8	Heating Rated Capacity /Actual Capacity
9	Sensible Cooling -- /Actual Capacity(l
10	Branch
11	Indoor unit
12	Connecting pipe
13	An unconnected branch

Click the icon of legend,  
and the legend window  
will appear.

## 5. Piping

### Piping process – Drag IDUs

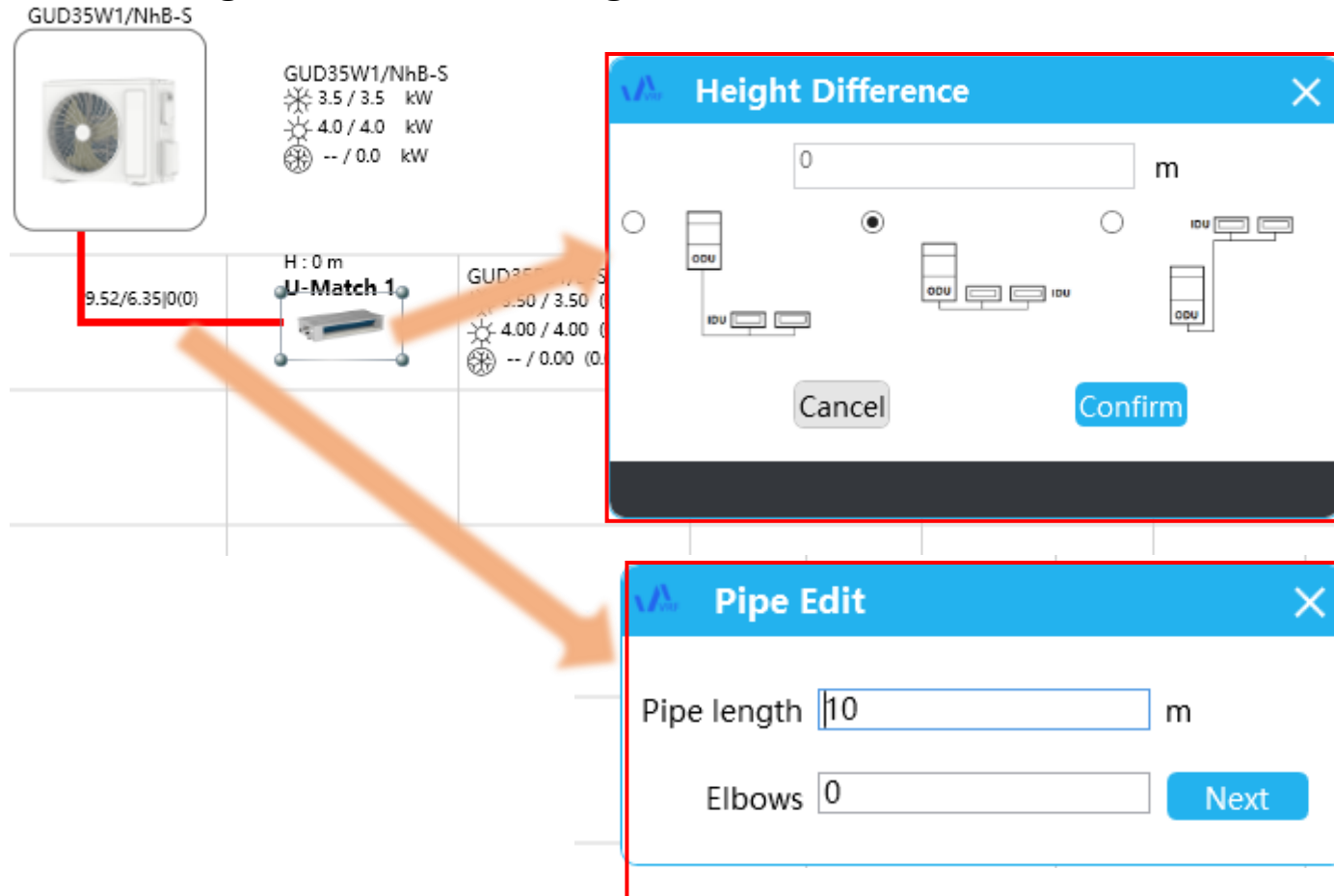
Drag one IDU



Press and hold “Shift” to select multiple IDUs. Don’t release “Shift” when dragging the IDU(s). Add multiple IDUs to the piping interface.

## 5. Piping

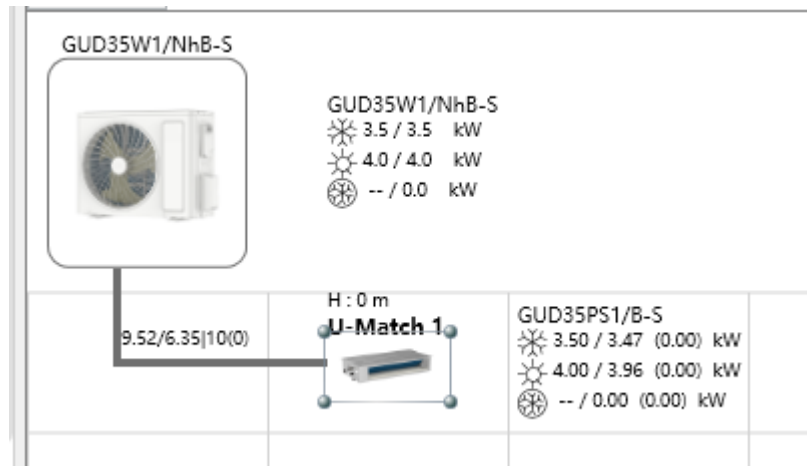
### Height difference setting



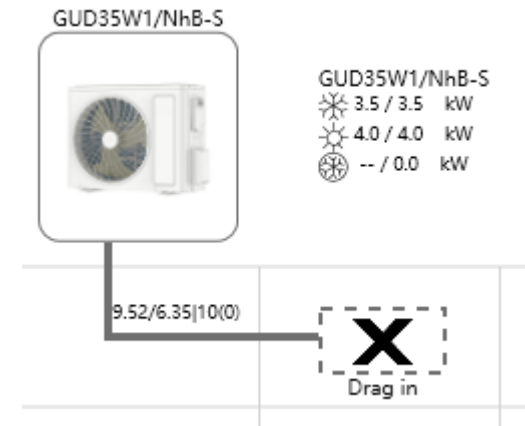
At the piping interface, double-click the picture of an IDU/heat storage module, a window of height difference setting will pop up.

## 5. Piping

### Piping edit—Frame selection



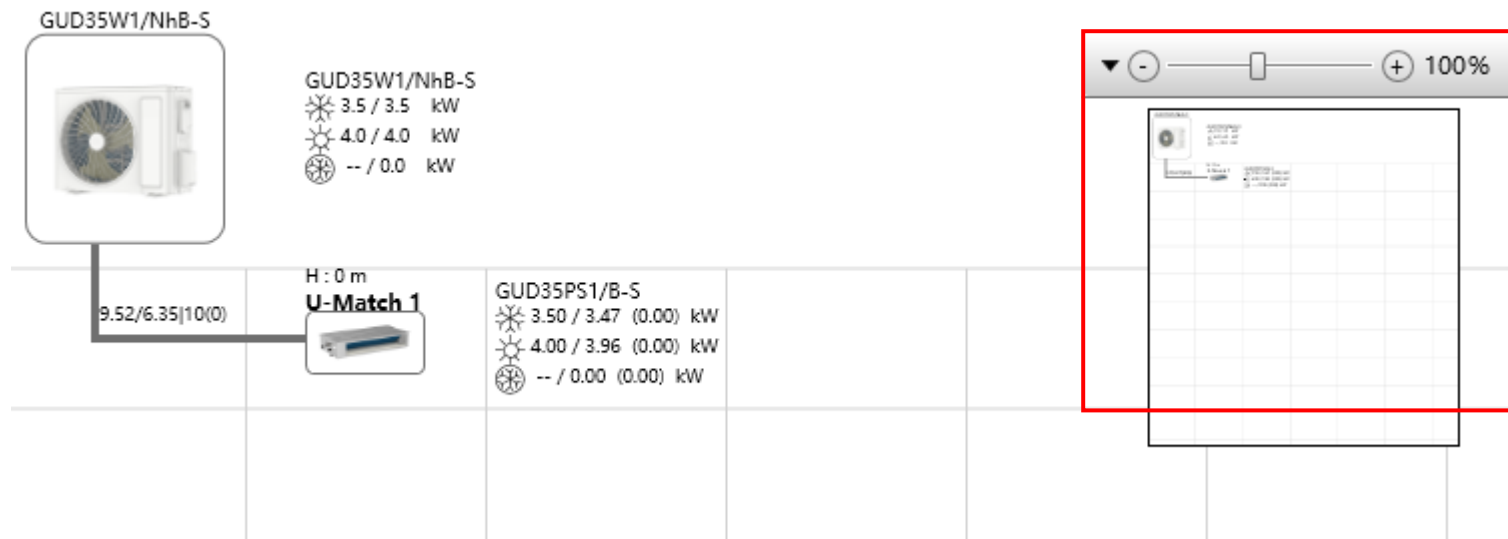
Selected devices will have four dots around.



Move the cursor to the blank space of the piping network, then click and hold the left mouse button to drag the cursor, which will create a dotted frame. Make sure the devices that require operation are within the frame. Then release the left mouse button.

## 5. Piping

### Piping edit—Zoom



If the whole piping network cannot be displayed, use the mouse to slide the box and view local area.

There is a reduced-size version of the piping network at the right corner of the piping interface. Move the slide to zoom in and out.

## 6. Wiring

### Wiring interface

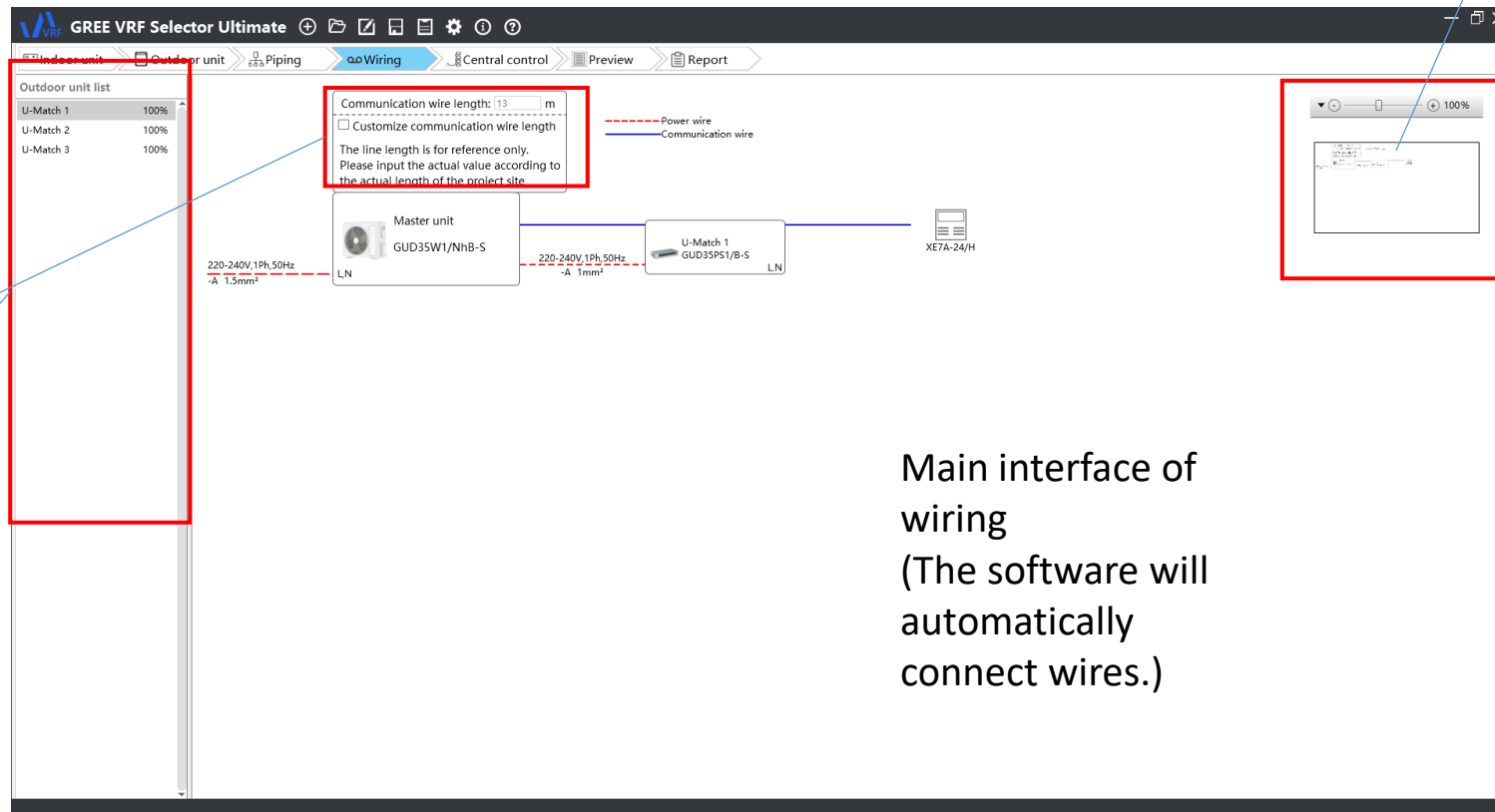
After pipe connection is done, click the navigation bar to enter the wiring interface.

General view

Customize communication wire length:

1. When it's not ticked, the suggested wire length is calculated automatically.
2. When it's ticked, please input the actual length of communication wire

System list

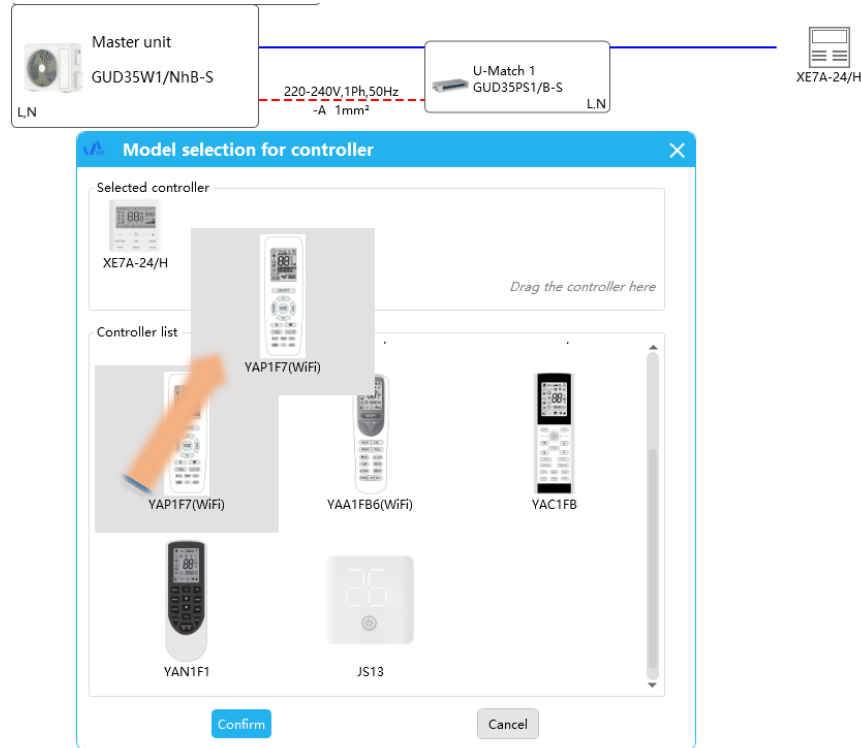


Main interface of wiring  
(The software will automatically connect wires.)

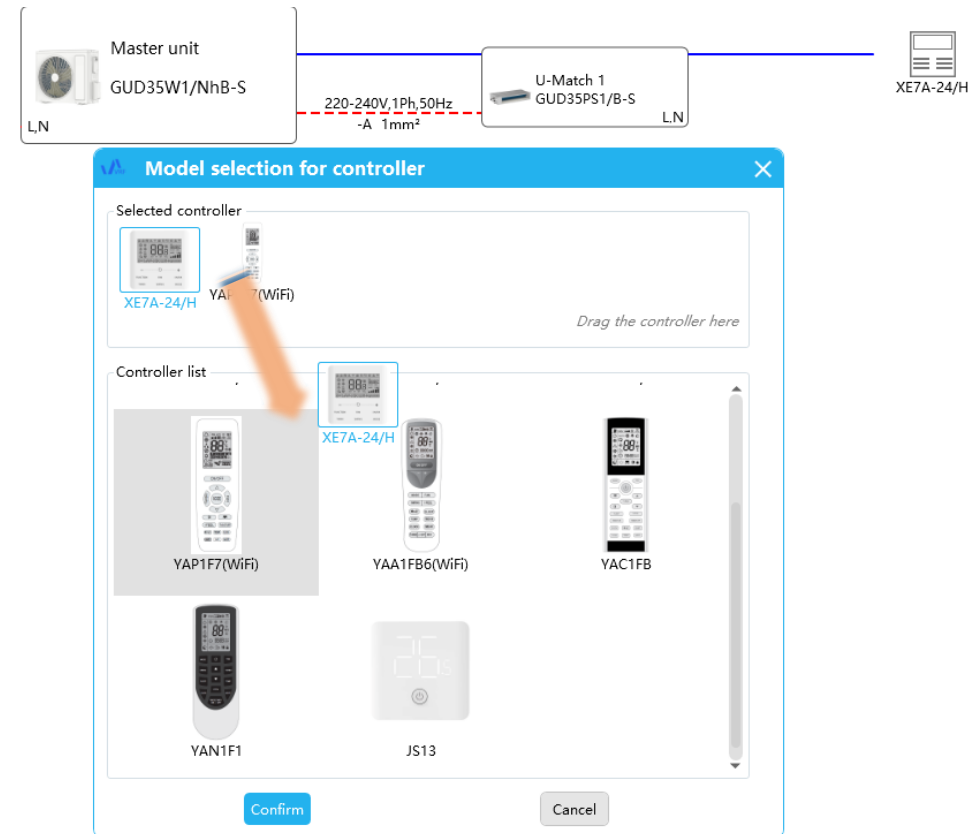
## 6. Wiring

### Controller selection

Double-click the picture of IDU or controller, and a controller edit window will pop up.



Select the controller to be added and drag it to the box of selected controllers.



Click and drag a selected controller to the lower part and the controller is deleted.

## 7. Selection of central control

### Interface of central controller selection

The screenshot displays the 'GREE VRF Selector Ultimate' software interface. The top navigation bar includes tabs for 'Indoor unit', 'Outdoor unit', 'Piping', 'Wiring', 'Central control' (which is highlighted), 'Preview', and 'Report'. Below the navigation bar, the 'Outdoor unit list' section shows three units: 'U-Match 1 IDU:1', 'U-Match 2 IDU:1', and 'U-Match 3 IDU:1'. To the left of the main workspace, a 'Central controller list' is visible, containing four controller models: 'CE55-24/F(C)', 'CE53-24/F(C)(obsoleted)', 'CE54-24/F(C)', and 'CE52-24/F(C)'. Each controller card displays its 'Max.System' and 'Max.IDU' values. A red box highlights this list, with an arrow pointing to it from the label 'Central controller list'. Another red box highlights a '+' icon next to the 'Central controller' label, with an arrow pointing to it from the label 'Add a group'. The main workspace area is labeled 'Display area of central controllers in groups' and contains a 'Group1' section with a 'Drag in Controller' button and a 'Connect external machine system' area. A red box highlights a 'Global control wiring' button in the top right corner of the workspace, with an arrow pointing to it from the label 'Global control wiring'. The workspace also features a 'Drop Outdoor Unit to Here!' instruction.

Outdoor unit list

U-Match 1 IDU:1

U-Match 2 IDU:1

U-Match 3 IDU:1

Central controller list

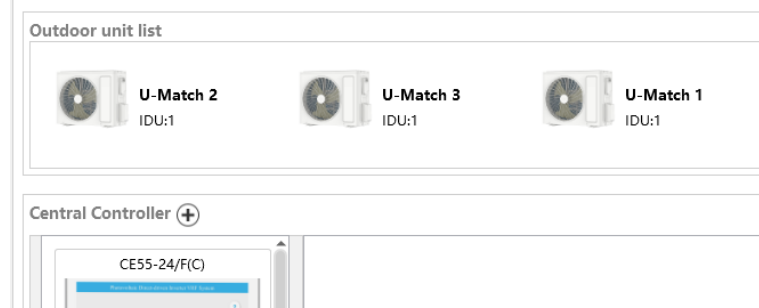
Add a group

Global control wiring

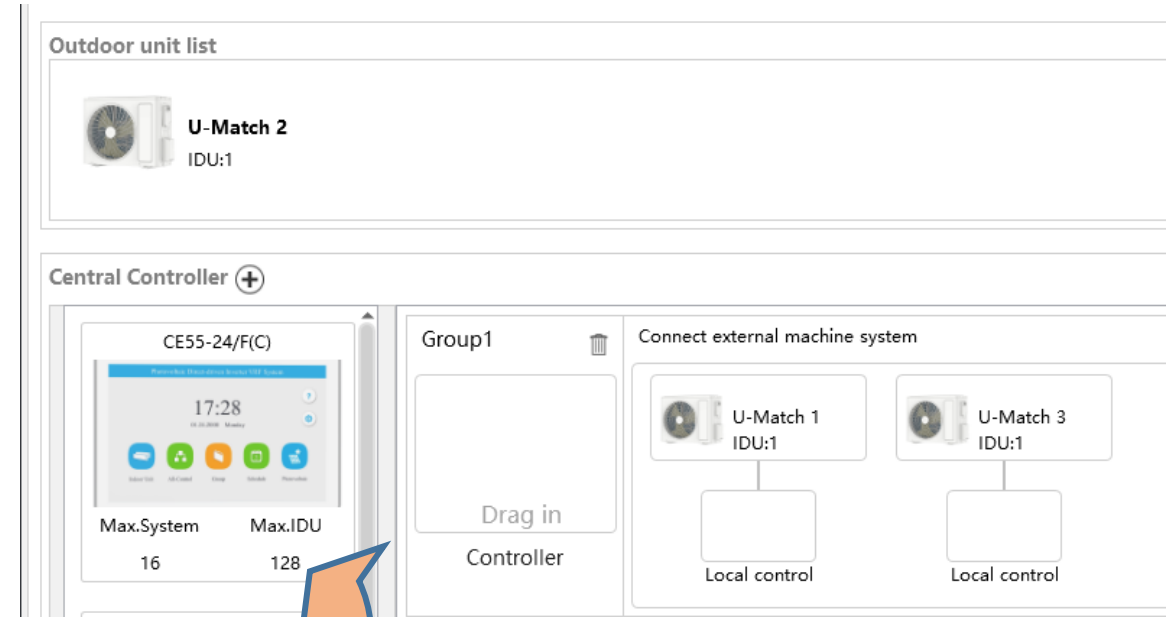
Display area of central controllers in groups

## 7. Selection of central control

### Add a group



Click the button of group adding, and then a new group will appear at the group display area.



Drag the ODU system to the box of ODU connection.

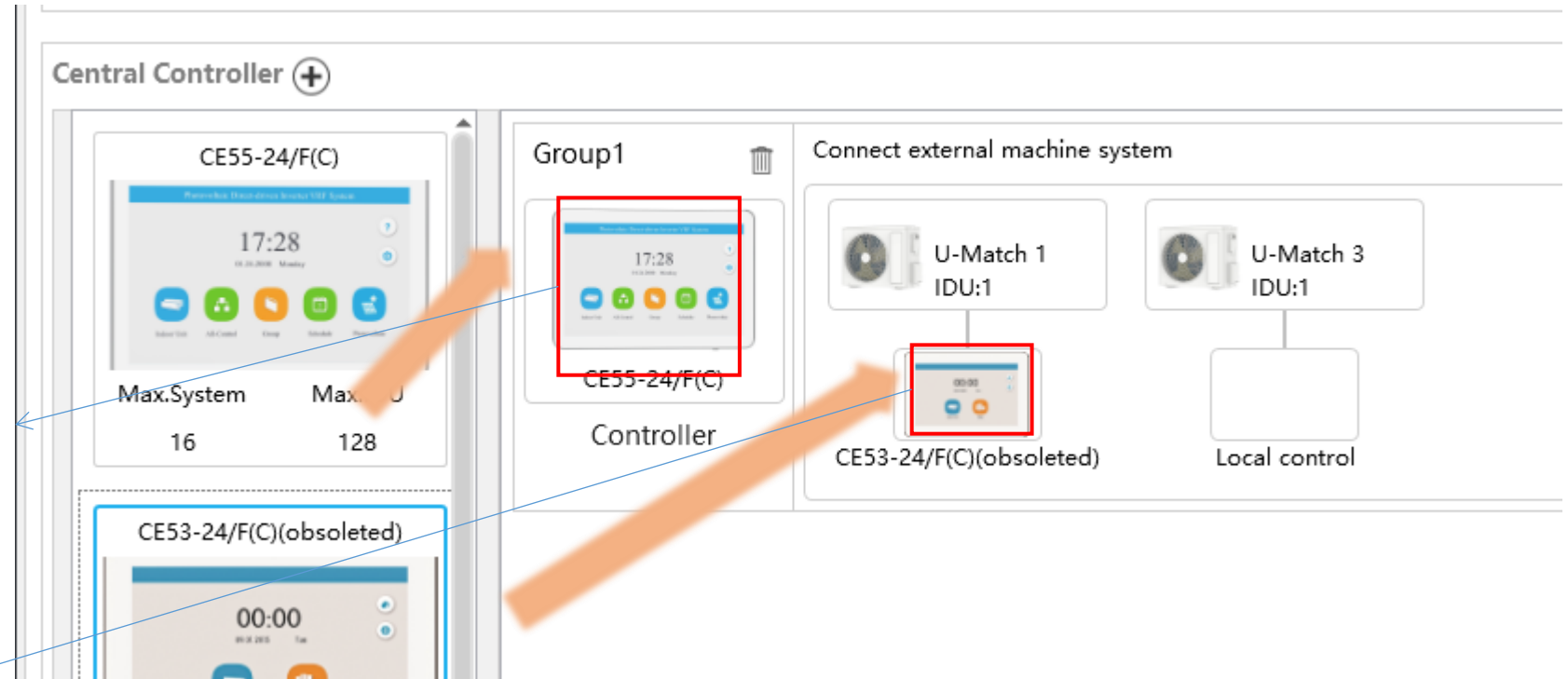
## 7. Selection of central control

### Add central controllers

Central controllers can be dragged to two positions.

Global controller  
(Control all the systems within the group.)

Local controller  
(Control a single system.)

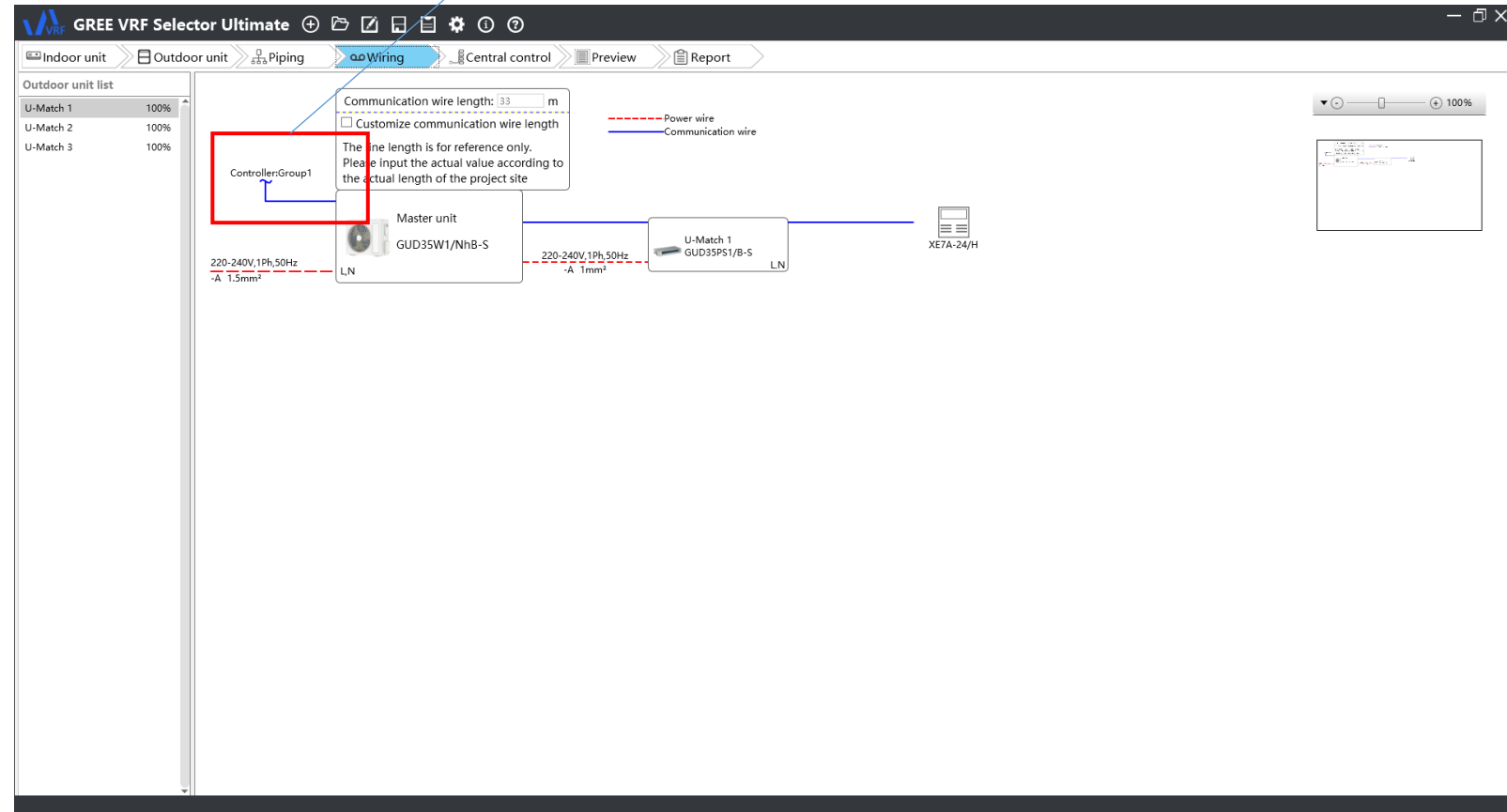


## 7. Selection of central control

### Wiring change

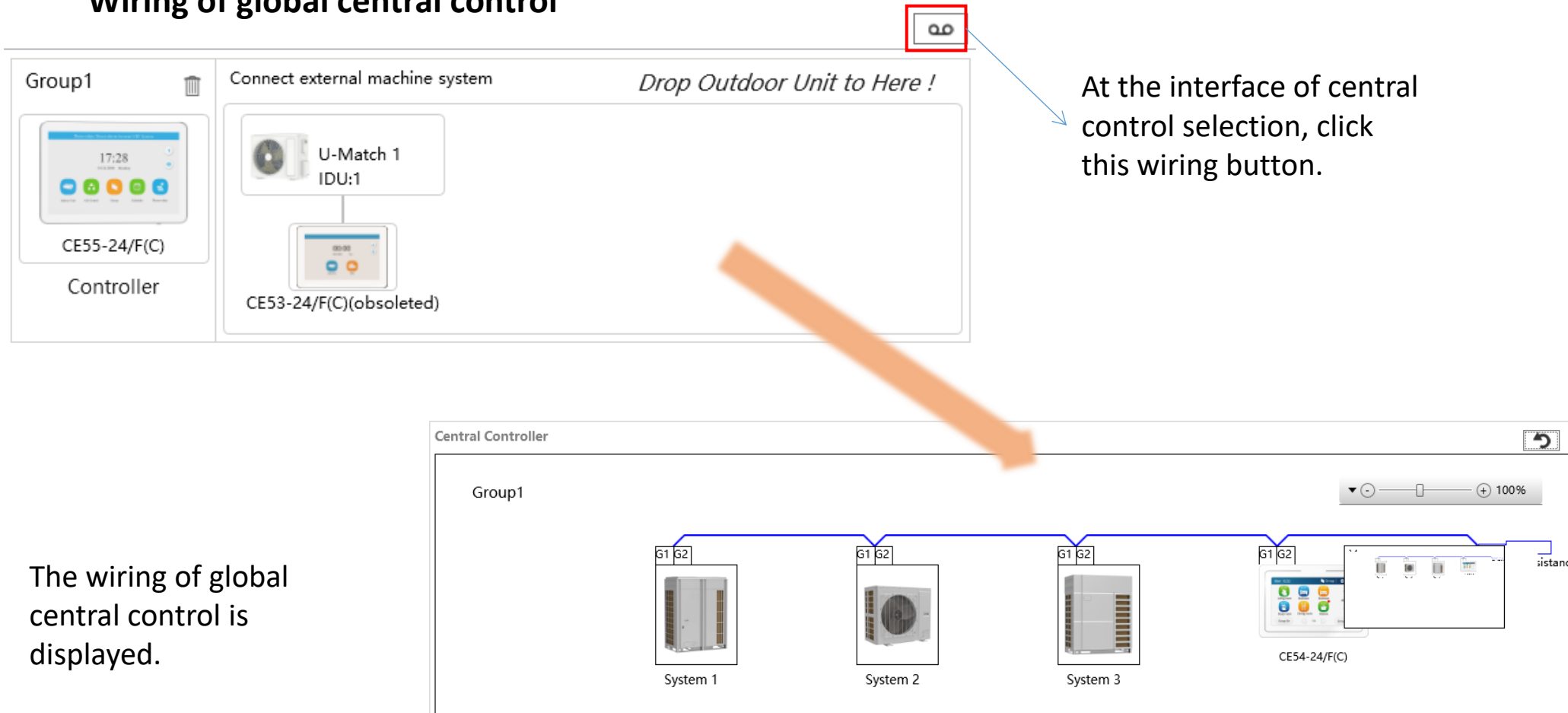
After selecting the central controllers, switch to the wiring interface at the navigation bar. The software will automatically connect the wires of central controllers in the systems.

Global central controller



## 7. Selection of central control

### Wiring of global central control



## 8.Report

### Report preview

Click “Preview” to display the report  
Click “Clear” to eliminate the report preview

System list  
(Select the  
system whose  
report preview  
is needed)

**Preview**

☒ Check All

☒ U-Match 1

☐ U-Match 2

☐ U-Match 3

Summary Preview Clear

**U-Match Selection Report**

GREE U-Match Selector Ultimate 1.5.3.30

Project Name		Date	2023/5/17 17:15:36
Project Address			
Client Name		Company	
		Tel.	
Address			

This report is for reference only. Gree Electric Appliances, Inc. of Zhuhai shall not be responsible for the contents of the report.

## 8. Report

### Interface of report

System list  
(Select the system that needs report export.)

Select piping and wiring diagrams.

Export Submittal  
(This function is only for North American market at present)


Select the export path.

Enter the name of export document.

Select documents:  
1.Summary  
2.Table of parameters  
3.CAD engineering diagrams

## 8. Report

## System report, table of parameters, piping diagram, wiring diagram



P-Match Selector V1.0 (Date : 1.0.2.2017)

U-Match

Selection Report

Page 1/2

Project Name

Date

Project Address

Client Name

Company

Address

Country

City

at to the System

type

Cooling

Heating

Minimum Circuit Amp

Unit

Capacity

Unit Price

Total Price

Remark

25- Required Heating Capacity

26- Vertical Pipe

27- Design ESP

28- Design Airflow

29- CC Range

30- CC Range

31- Air Flow Range

32- GPM

33- LG

25- Full with OSB

26- Design Airflow

27- Range of Heating Capacity

28- Range of Heating Capacity

29- Gas Pipe

30- Gas Pipe

31- Gas Pipe

32- Gas Pipe

33- Gas Pipe

2.4 Other

No.

Item

Value

Unit

Description

No.

Item

Value

Unit

Description

No.

Item

Value

Unit

Description

No.

Item

Value

Unit

Description

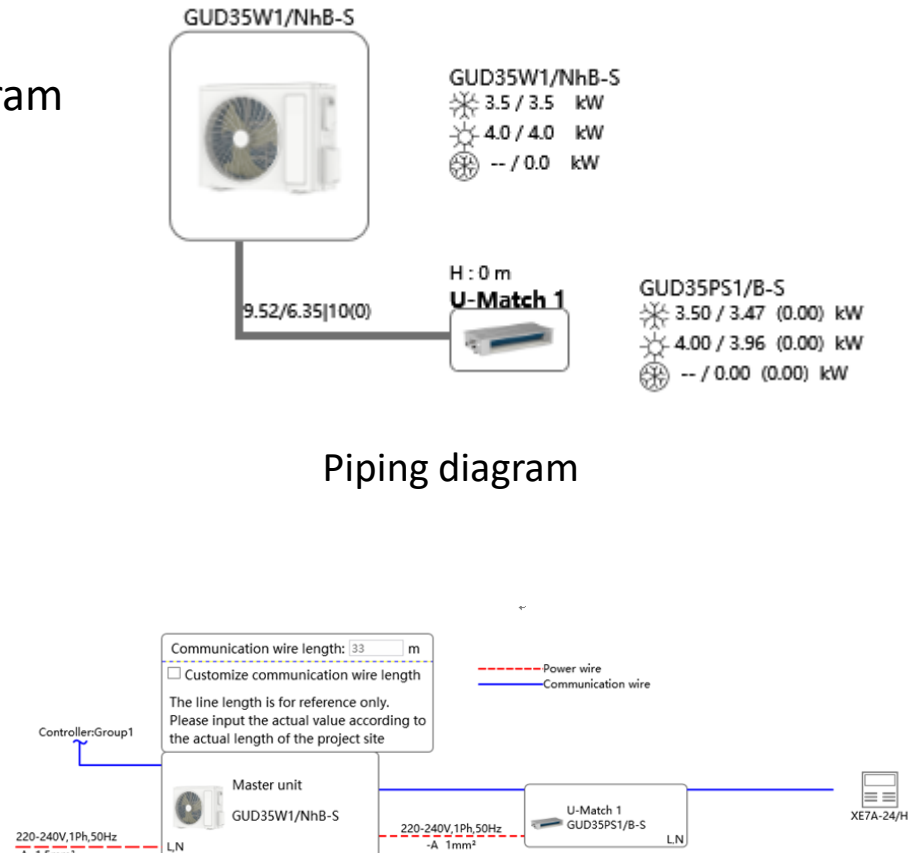
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## System report

U-Match 1 IDU Specifications						
Item	Value	Unit	in	12	18	24
Model	GD35PS1B-S	—	in	12	18	24
Indoor Unit Type	Duct	—	in	12	18	24
Rated voltage	220-240	V	in	12	18	24
Rated frequency	50	Hz	in	12	18	24
Phase	1	—	in	12	18	24
Cooling Power Input	0.05	kW	in	12	18	24
Heating Power Input	0.05	kW	in	12	18	24
Cooling Current Input	—	A	in	12	18	24
Heating Current Input	—	A	in	12	18	24
Max. Overcurrent Protection	—	A	in	12	18	24
Min/Max Voltage	198/264	V	in	12	18	24
Recommended Power Cable(Core)	3	N	in	12	18	24
Fuse Current	3.15	A	in	12	18	24
Sound Pressure Level (SS)	35	dB(A)	in	12	18	24
Sound Pressure Level (H)	33	dB(A)	in	12	18	24
Sound Pressure Level (M)	32	dB(A)	in	12	18	24
Sound Pressure Level (L)	30	dB(A)	in	12	18	24
Sound Power Level (SS)	45	dB(A)	in	12	18	24
Sound Power Level (H)	—	dB(A)	in	12	18	24
Sound Power Level (M)	—	dB(A)	in	12	18	24

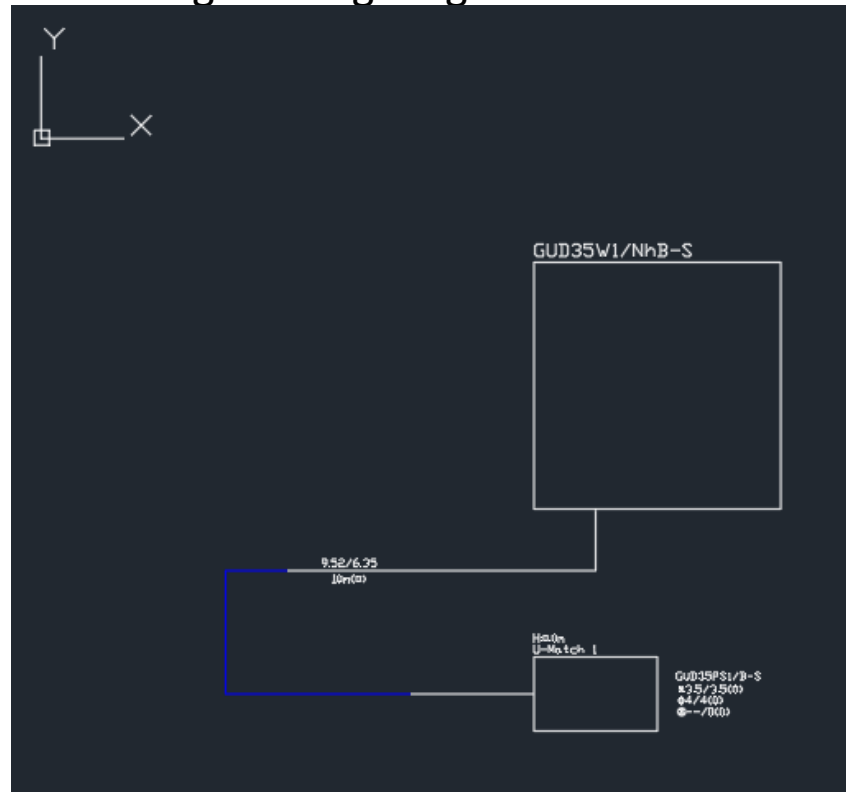
of parameters



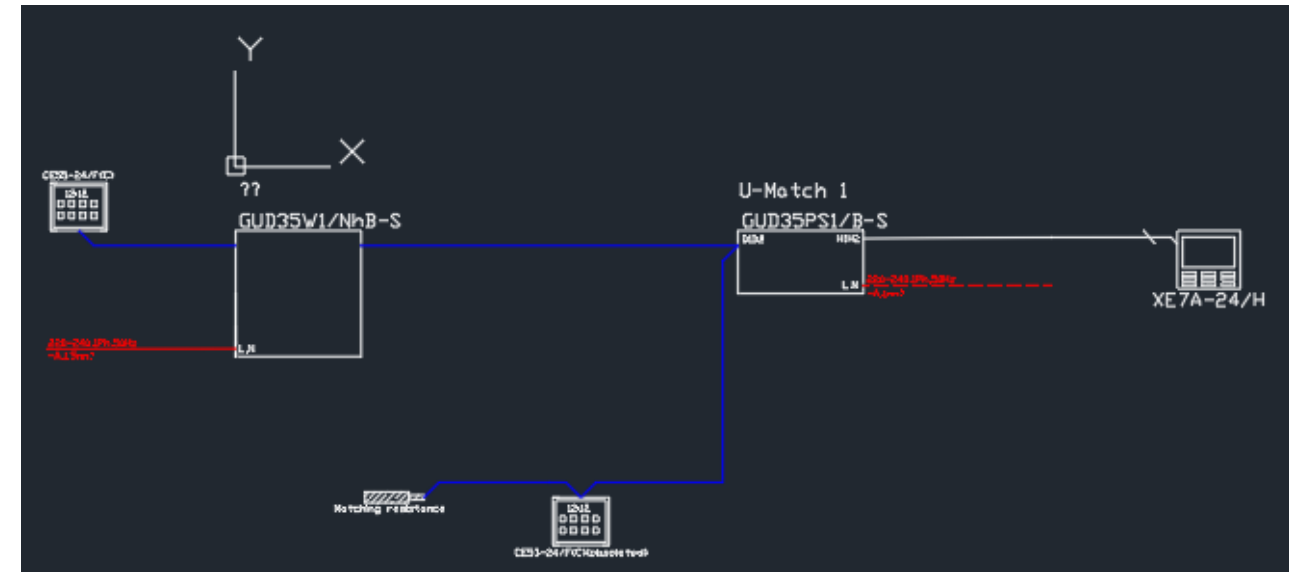
## Wiring diagram

## 8. Report

## CAD engineering diagrams



## Piping engineering diagram



# Wiring engineering drawing