

# VRF Selector 帮助文档

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Ver. 2.3

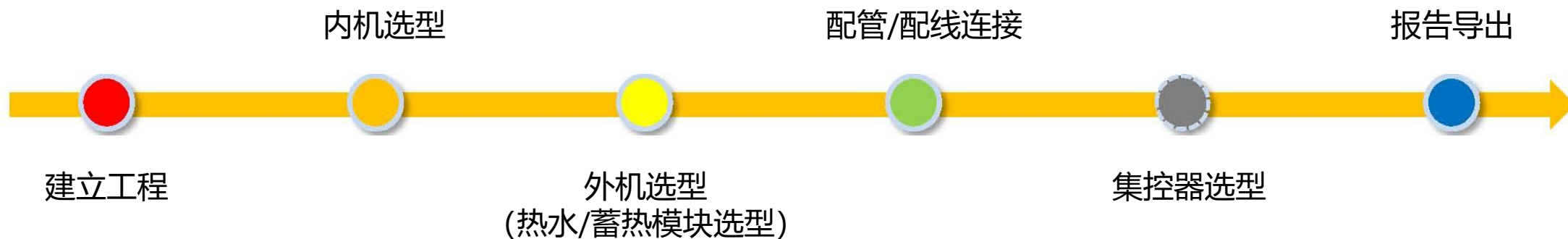
2022/4/15

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# 一、概述

格力新一代选型软件，经过对市场全面的调研分析，并结合多年的选型经验，深入钻研多联产品选型逻辑之间的关系，针对客户的痛点，全面优化选型流程，使其可以适用于不同的客户群体，便捷的操作中体现出专业选型的严谨，让客户每一次选型，都成为一次愉快的“旅行”。



# 二、选型

## 1.软件主界面

软件主窗体主要分为三个部分。

- 1、系统工具栏（包括工程的新建，保存，编辑以及系统级的设置）
- 2、主窗体页（软件内容的展示区域）
- 3、消息提示栏（显示系统消息提示）

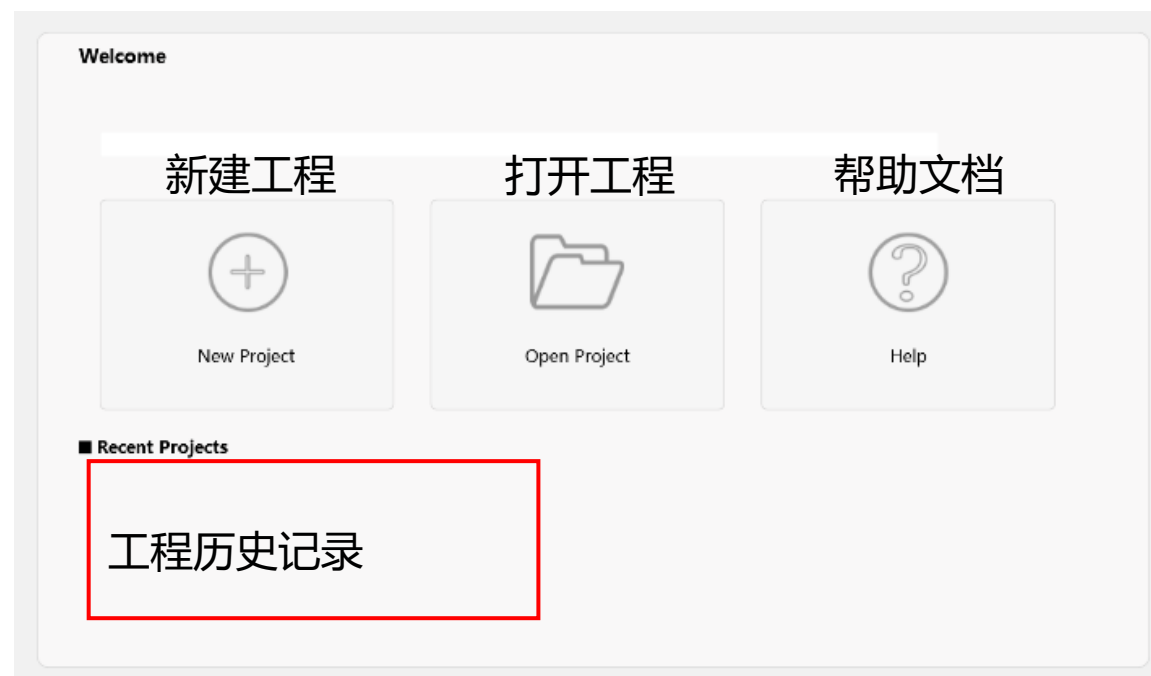
主窗体页

消息提示栏



## 1.1 欢迎界面

启动软件后，在主窗体中显示的是欢迎界面

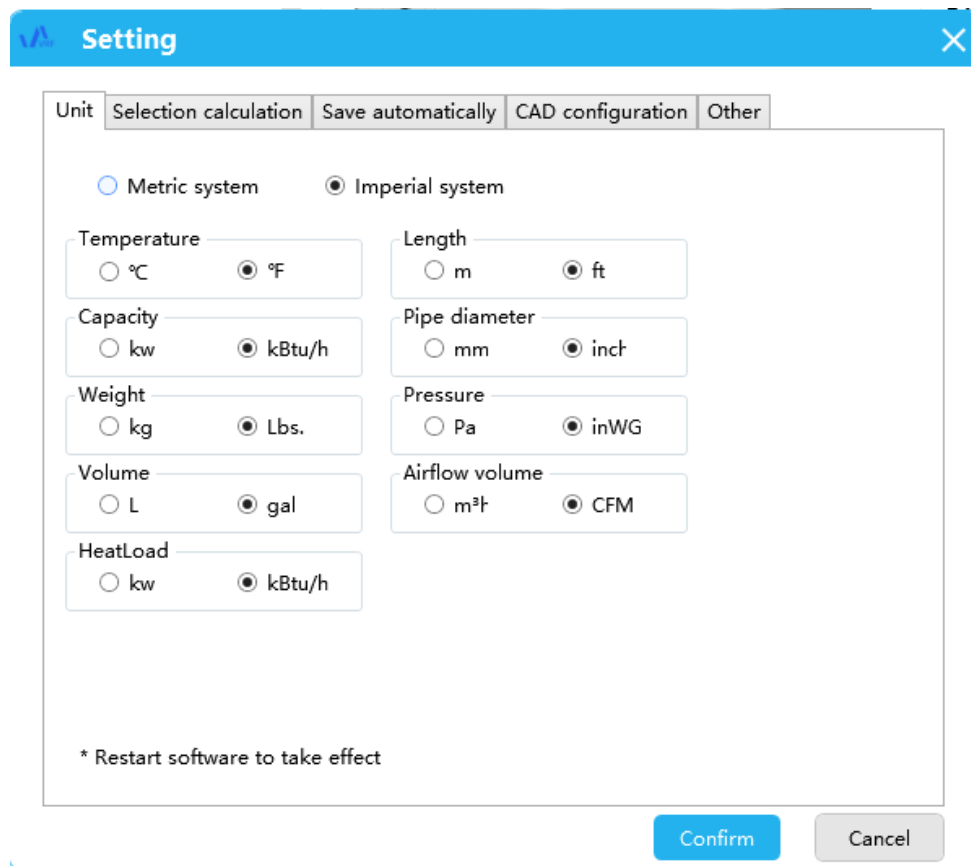


## 1.2 系统工具栏



## 1.3设置

### 1、单位设置（设置选型过程中运算的单位）



The image shows a 'Setting' dialog box with a blue header bar containing a logo and a close button. Below the header is a tabbed interface with five tabs: 'Unit', 'Selection calculation', 'Save automatically', 'CAD configuration', and 'Other'. The 'Unit' tab is active. Inside the 'Unit' tab, there are two radio buttons: 'Metric system' (unselected) and 'Imperial system' (selected). Below these are several groups of unit selection options, each with a label and two radio buttons. The groups are: Temperature (°C, °F), Capacity (kw, kBtu/h), Weight (kg, Lbs.), Volume (L, gal), HeatLoad (kw, kBtu/h), Length (m, ft), Pipe diameter (mm, inch), Pressure (Pa, inWG), and Airflow volume (m³/h, CFM). At the bottom of the dialog, there is a note: '\* Restart software to take effect'. Two buttons, 'Confirm' and 'Cancel', are located at the bottom right of the dialog.

Setting

Unit Selection calculation Save automatically CAD configuration Other

☐ Metric system ☒ Imperial system

Temperature  
☐ °C ☒ °F

Capacity  
☐ kw ☒ kBtu/h

Weight  
☐ kg ☒ Lbs.

Volume  
☐ L ☒ gal

HeatLoad  
☐ kw ☒ kBtu/h

Length  
☐ m ☒ ft

Pipe diameter  
☐ mm ☒ inch

Pressure  
☐ Pa ☒ inWG

Airflow volume  
☐ m³/h ☒ CFM

\* Restart software to take effect

Confirm Cancel

## 1.3设置

### 2.选型计算（自动调整方式、变径管选型模式、允许误差、修正系数）

默认选型过程中  
内外机同时调整

**设置**

单位 选型计算 自动保存 CAD 配置 其他

**调整方式**

☒ 同时调整内外机 ☐ 仅调整外机

**变径管选型模式**

☒ 计算变径管 ☐ 不计算变径管

☐ 只统计变径信息

**内机允许容差**

模式	下限	滑块	上限	容差
制冷	-10%		20%	0%
制热	-10%		20%	0%
显热	-10%		20%	0%

**室内机最大同时使用率**

模式	下限	滑块	上限	使用率
制冷	80%		100%	100%
制热	80%		100%	100%

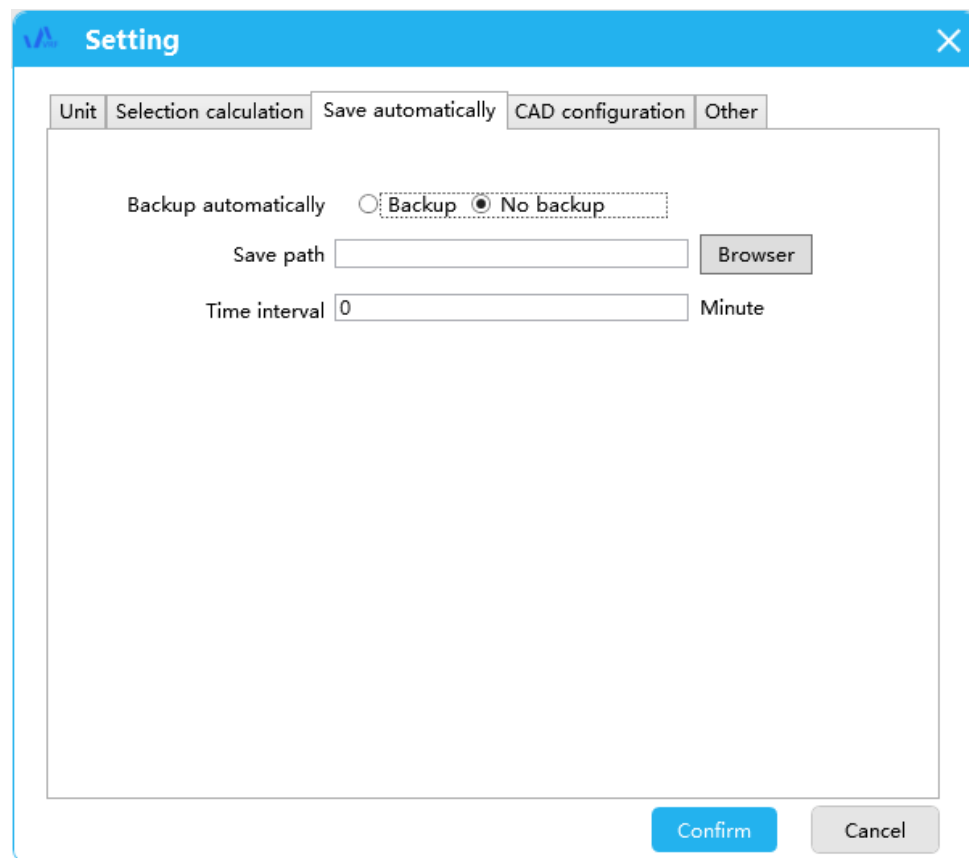
**选择机组实际能力修正项**

机组类型	模式	修正项
内机	制冷	<input checked="" type="checkbox"/> m <input checked="" type="checkbox"/> b
	制热	<input checked="" type="checkbox"/> m <input checked="" type="checkbox"/> b <input checked="" type="checkbox"/> c
外机	制冷	<input checked="" type="checkbox"/> a <input checked="" type="checkbox"/> b
	制热	<input checked="" type="checkbox"/> a <input checked="" type="checkbox"/> b <input checked="" type="checkbox"/> c

确定 取消

## 1.3设置

### 3.自动保存设置（设定自定保存的路径、周期）



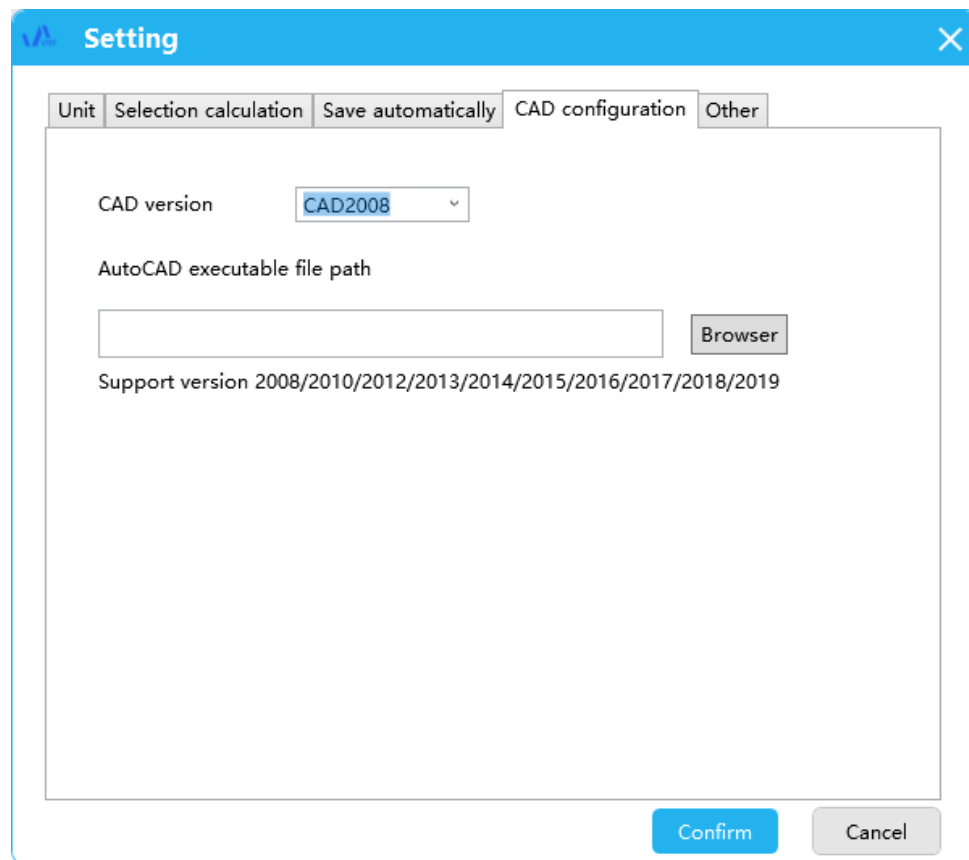
The image shows a software settings window titled "Setting" with a blue header bar and a close button (X) in the top right corner. The window contains five tabs: "Unit", "Selection calculation", "Save automatically", "CAD configuration", and "Other". The "Save automatically" tab is currently selected. Inside this tab, there are three main settings:

- Backup automatically:** A label followed by two radio buttons. The first is labeled "Backup" and is unselected. The second is labeled "No backup" and is selected (indicated by a filled circle).
- Save path:** A text input field followed by a "Browser" button.
- Time interval:** A text input field containing the number "0", followed by the word "Minute".

At the bottom right of the dialog, there are two buttons: "Confirm" (in blue) and "Cancel" (in grey).

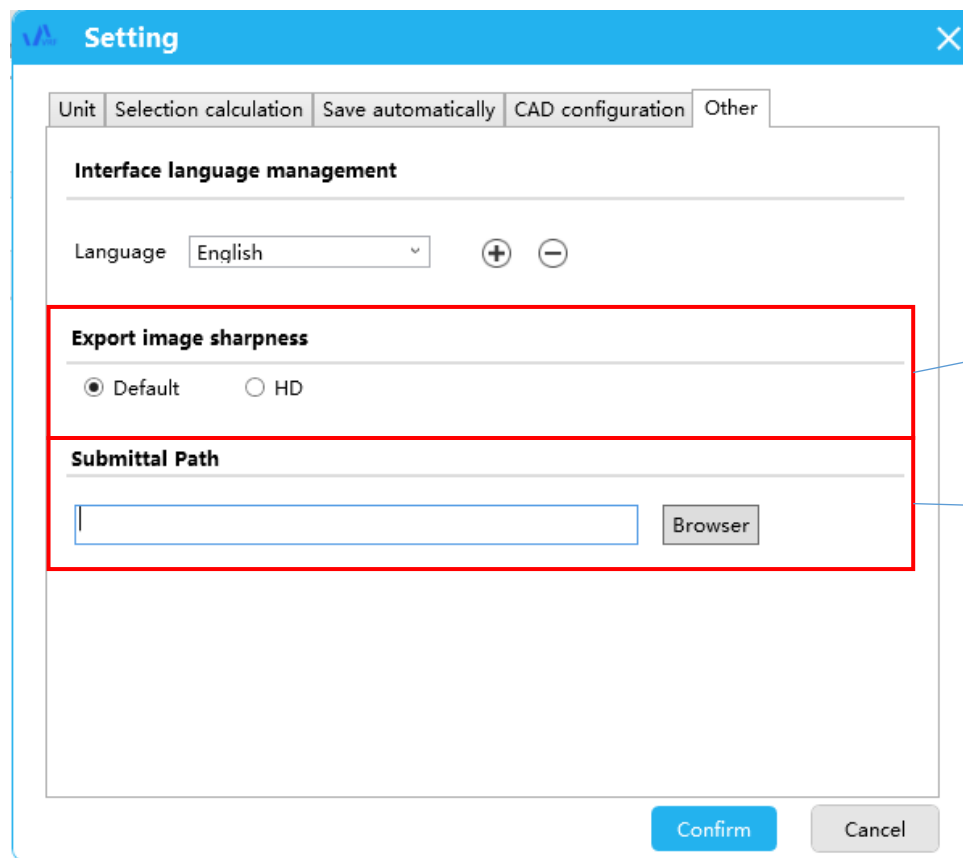
## 1.3设置

### 4.AutoCAD设置（AutoCAD版本、启动程序路径）



## 1.3设置

### 5.其他设置（增删语言、高清图像、submittal）



高清图像导出设置

Submittal资源路径设置  
(此功能暂开放北美区域)

## 2.工程建立

点击工具栏新建工程或者欢迎界面新建工程按钮，打开新建工程窗体

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

工程信息录入：

可以选择不同的区域，做到区域数据定制化

可以选择不同的电源规格

客户基本信息录入

设计者基本信息录入

信息录入完毕后，点击确认，进入内机选型界面

## 2.工程建立

附：选择北美地区后，点击确定时，可选择是否跳转，进入“超低温选型软件”

The image shows a software window titled "Project information" with a blue header bar. The window contains several sections for data entry:

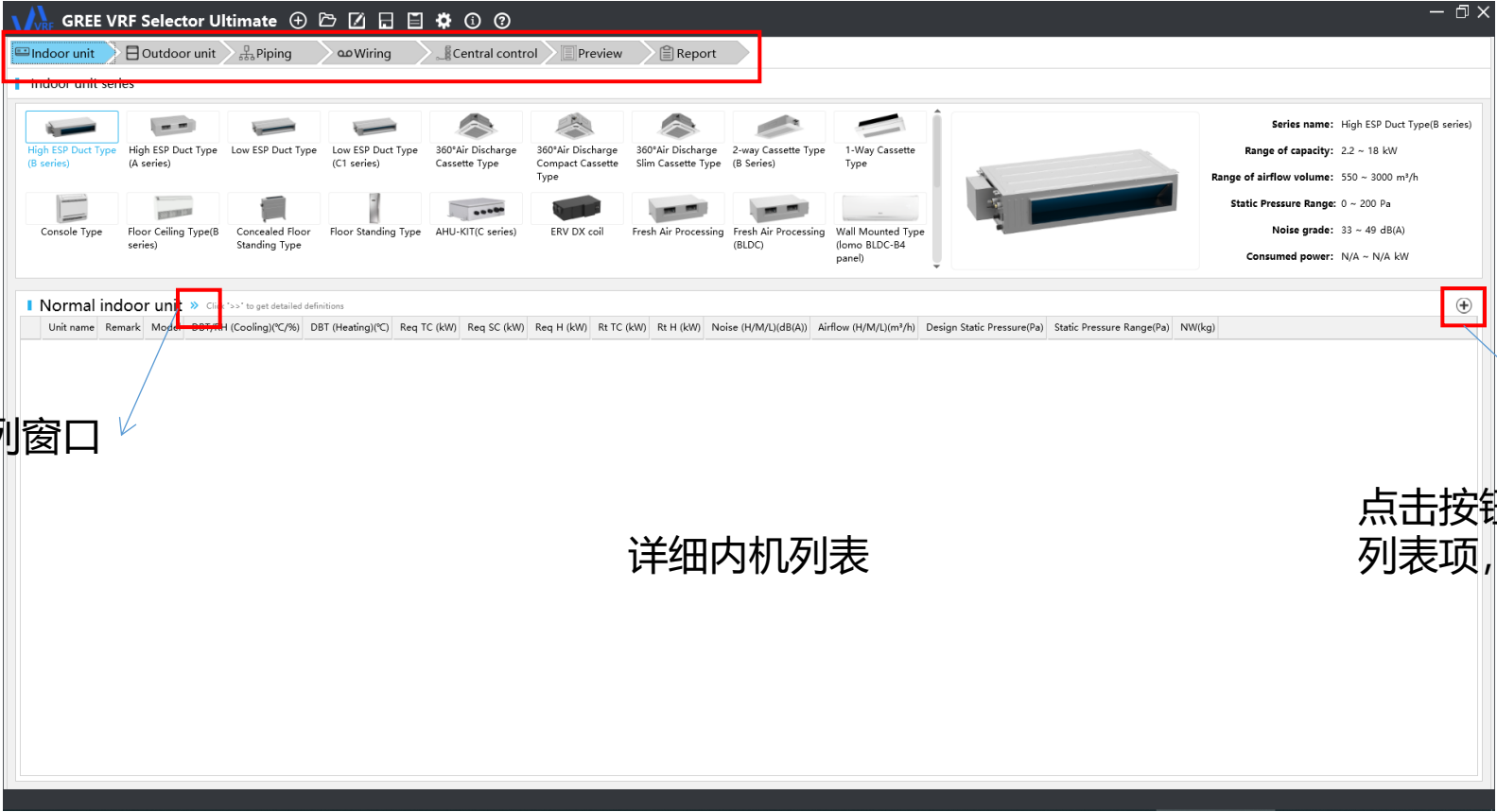
- Project information:** Includes a dropdown menu for "Area" (currently set to "North America"), a "Frequency" section with radio buttons for "50Hz" and "60Hz" (60Hz is selected), and input fields for "Project Name", "Address", "Date" (set to 2021/9/4), and "Contract No.".
- Client information:** Includes input fields for "Name", "Position", "Company", and "Tel".
- Designer information:** Includes input fields for "Name", "Company", "Address", "Tel", and "Fax". There is also a checkbox labeled "Save designer information".
- Remark:** A large text area at the bottom for additional notes.

A red rectangular box highlights the "Area" dropdown and the "Project Name" field. A smaller red rectangular box highlights a confirmation dialog box that appears over the "Client information" section. The dialog box contains the text: "The North American region is currently selected, is it entering the ultra-low temperature multi-online selection?". Below the text are three buttons: "Yes", "No", and "Cancel". At the bottom of the main window, there are "Confirm" and "Cancel" buttons.

### 3.内机选型

#### 内机选型界面布局

选型流程导航栏（注：添加内机前，其他界面被屏蔽）



内机系列列表

内机系列信息

点击蓝色箭头弹出参数列表窗口

点击按钮，或者双击内机系列列表项，弹出添加内机窗口

详细内机列表

### 3.内机选型

#### 详细参数列选择

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)

Specification

×

Select the following options, it will be displayed in detailed list

☒ 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 cc

☒ Noise (H/M/L)(dB(A))

Unit noise

1.通过勾选对应的参数选项，来调整内机选型界面中内机展示列表的数据列。

2.说明每个简写列名对应的参数信息

### 3.内机选型

#### 添加内机窗口

Indoor unit

Unit name: Ind 1

Remark:

IDU series: AHU-KIT(C series)

AHU Type: ☒ Return Air ☐ Fresh Air

☐ Manual selection

Design condition T1 T3 More...

Cooling

Dry bulb temp. 80.60 °F

Wet bulb temp. 66.20 °F

Relative HUM 45.77 %

Heating

Dry bulb temp. 68.00 °F

Required Capacity ☐ Sensible cooling

Total cooling 0 kBTu/h

Heating 0 kBTu/h

Static pressure 0 inWG

height difference to ODU

0 ft

Cancel Add

AHU-KIT

Indoor unit

Unit name: Ind 1

Remark:

IDU series: High ESP Duct Type(B series)

☐ Manual selection

Design condition T1 T3 More...

Cooling

Dry bulb temp. 80.60 °F

Wet bulb temp. 66.20 °F

Relative HUM 45.77 %

Heating

Dry bulb temp. 68.00 °F

Required Capacity ☐ Sensible cooling

Total cooling 0 kBTu/h

Heating 0 kBTu/h

Static pressure 0 inWG

height difference to ODU

0 ft

Cancel Add

普通内机

设定内机名称、备注

点击蓝色箭头，或勾选选择框，  
弹出手动选择窗口  
(添加AHU-KIT时选择AHU类型，  
添加之后不可变更)

工况设定

设计负荷  
(根据不同的内机系列，  
显示不同的设计负荷选型)

其他设定，相对外机落差  
(例图示意内外机上下关系)

点击“添加”时，添加一台内机

Indoor unit

Unit name: Ind 1

Remark:

IDU series: ERV DX coil

☐ Manual selection

Design condition T1 T3 More...

Cooling

Dry bulb temp. 80.60 °F

Wet bulb temp. 66.20 °F

Relative HUM 45.77 %

Heating

Dry bulb temp. 68.00 °F

Required Capacity

Static pressure 0 inWG

Fresh air 0 CFM

height difference to ODU

0 ft

Cancel Add

新风机

### 3.内机选型

#### 自动推荐

Indoor unit

Unit nameInd 1

Remark

IDU seriesHigh ESP Duct Type(B series)

Manual selection

Design condition

T1 T3 More...

Cooling

Dry bulb temp.27.00°C

Wet bulb temp.19.00°C

Relative HUM45.77%

Heating

Dry bulb temp.20.00°C

Required Capacity

Sensible cooling

Total cooling10 kW

Heating10 kW

Static pressure0 Pa

height difference to ODU

0 m

Cancel

Add

Normal indoor unit Click ">>" to get detailed definitions											
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)
Ind 1		GMV-ND100PHS/B-T	27 / 45.77	20	10	0	10	10	11.2	40/37/35	1800/1450/1250
Ind 2		GMV-ND100PHS/B-T	27 / 45.77	20	10	0	10	10	11.2	40/37/35	1800/1450/1250
Ind 3		GMV-ND100PHS/B-T	27 / 45.77	20	10	0	10	10	11.2	40/37/35	1800/1450/1250

(全自动)

- 1.每次点击add按钮，就会自动根据选择的内机系列，输入的工况、设计负荷来自动选择内机，并添加到内机展示列表
- 2.内机会在后续选项中自动调整
- 3.若无机型满足要求，则会提示原因

(半自动)

点击蓝色箭头后，会弹出手动选型窗体，不勾选手动选型框时：

- 1.双击特定型号内机时，将该机型额定功率设定为设计负荷；点击添加时，推荐满足负荷要求的机型，并添加到内机展示列表
- 2.内机在后续选型中会自动调整

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### 3.内机选型

#### 手动选择

Indoor unit

Unit name

Ind 4

Remark

IDU series

High ESP Duct Type(B series)

Manual selection

Model

GMV-ND71PHS/B-T

Design condition

T1 T3 More...

Cooling

Dry bulb temp.

27.00

°C

Wet bulb temp.

19.00

°C

Relative HUM

45.77

%

Heating

Dry bulb temp.

20.00

°C

Required Capacity

☐ Sensible cooling

Total cooling

10

kW

Heating

10

kW

Static pressure

0

Pa

height difference to ODU

0

m

Cancel

Add

Indoor unit series

High ESP Duct Type (B series)

High ESP Duct Type (A series)

Low ESP Duct Type

360°Air Discharge Cassette Type

360°Air Discharge Compact Cassette Type

360°Air Discharge Slim Cassette Type

4-Way Cassette Type(phasing out)

2-way Cassette Type (B Series)

2-Way Cassette Type(phasing out)

1-Way Cassette Type

Indoor unit list

Model	Rt TC (kW)	Rt H (kW)	NW(kg)	Noise (H/M/L)(dB(A))	Static Pressure Range(Pa)
GMV-ND22PHS/B-T	2.2	2.5	32	33/30/28	0~150
GMV-ND25PHS/B-T	2.5	2.8	32	33/30/28	0~150
GMV-ND28PHS/B-T	2.8	3.2	32	33/30/28	0~150
GMV-ND32PHS/B-T	3.2	3.6	32	33/31/29	0~150
GMV-ND36PHS/B-T	3.6	4	32	33/31/29	0~150
GMV-ND40PHS/B-T	4	4.5	34	36/34/32	0~150
GMV-ND45PHS/B-T	4.5	5	34	36/34/32	0~150
GMV-ND50PHS/B-T	5	5.6	34	36/34/32	0~150
GMV-ND56PHS/B-T	5.6	6.3	43	37/35/33	0~200
GMV-ND63PHS/B-T	6.3	7.1	43	37/35/33	0~200
GMV-ND71PHS/B-T	7.1	8	43	38/36/34	0~200
GMV-ND80PHS/B-T	8	9	43	38/36/34	0~200
GMV-ND90PHS/B-T	9	10	57	40/37/35	0~200
GMV-ND100PHS/B-T	10	11.2	57	40/37/35	0~200

(纯手动)

在勾选手动选型窗口后，会弹出手动选型窗体

1.双击特定型号内机时，若当前输入负荷为“0”，则设定设计负荷，若当前负荷不为“0”，则不改变设计负荷；Model会显示客户选择的具体内机，点击添加时，内机展示列表中添加此机型

2.内机在后续选型中不会调整

### 3.内机选型

#### 预览Submittal报告（此功能暂开放北美区域）

Indoor unit

Unit name

Remark

IDU series 

Wall Mounted Type(lomo B4

Manual selection

Design condition

T1 T3 More...

Cooling

Dry bulb temp.  °F

Wet bulb temp.  °F

Relative HUM  %

Heating

Dry bulb temp.  °F

Required Capacity

Sensible cooling

Total cooling  kBtu/h

Heating  kBtu/h

height difference to ODU

ft

Cancel

Add

Indoor unit series

2-way Cassette Type (B Series)

1-Way Cassette Type

Wall Mounted Type (Cozy A3 panel)

Wall Mounted Type (Cozy E3 panel)

Wall Mounted Type (lomo B4 panel)

Console Type

Floor Ceiling Type

Air Handler(B series)

AHU-KIT(C series)

Fresh Air Processing

Indoor unit list

Click to preview Submittal report

Preview

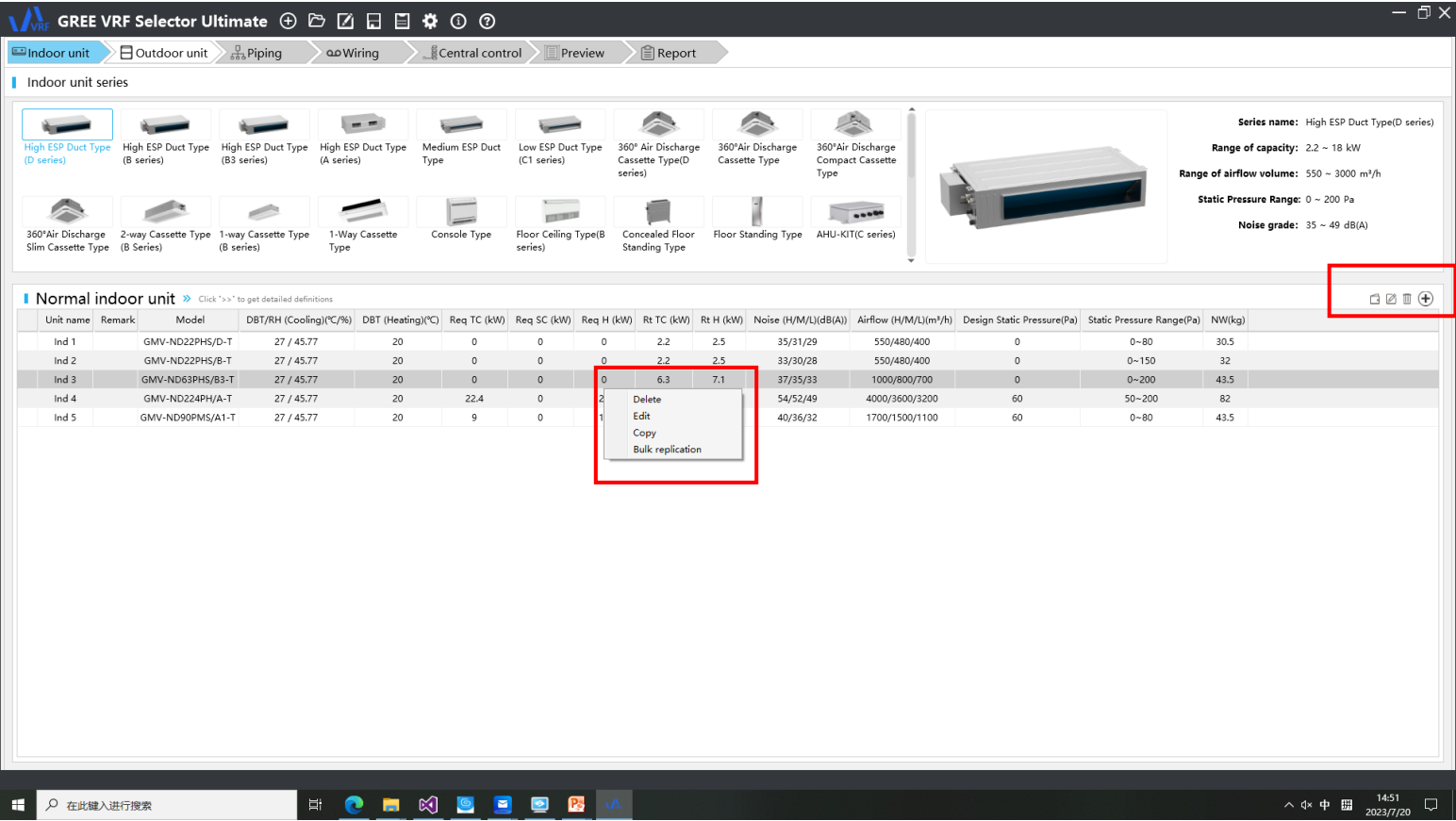
Model	Rt TC (kBtu/h)	Rt H (kBtu/h)	NW(Lbs)	Noise (H/M/L)(dB(A))
GMV-ND06G/B4B-T(U)	6	6	23.5	35/33/30
GMV-ND07G/B4B-T(U)	7.5	8.5	23.5	35/33/30
GMV-ND09G/B4B-T(U)	9.5	10.5	23.5	35/33/30
GMV-ND12G/B4B-T(U)	12	13.5	23.5	38/35/31
GMV-ND14G/B4B-T(U)	15	17	27.5	43/40/37
GMV-ND18G/B4B-T(U)	18	20	35.5	43/41/37
GMV-ND24G/B4B-T(U)	24	25.5	35.5	44/41/37
GMV-ND30G/B4B-T(U)	30	34	41	49/46/40
GMV-ND36G/B4B-T(U)	32.5	36	41	52/48/40

- 1.选择任意系列，点击选中某一型号
- 2.点击“预览”按钮
- 3.操作无误，资源无误的情况下可成功预览Submittal报告
- 4.若无法预览，则会提示相应的原因

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### 3.内机选型

#### 内机列表操作



单击列表某一内机，表头出现三个图标

右击列表某一内机，出现操作菜单

三个图标对应操作菜单三项：

Delete：可以删除对应的内机

Edit：可以编辑对应的内机

Copy：复制对应的内机

Bulk replication：批量复制对应的内机

### 3.内机选型

### 多种内机系列展示

Indoor unit

Outdoor unit

Piping

Wiring

Central control

Preview

Report

Indoor unit series

High ESP Duct Type (B series)

High ESP Duct Type (A series)

Low ESP Duct Type

Low ESP Duct Type (C1 series)

360°Air Discharge Cassette Type

360°Air Discharge Compact Cassette Type

360°Air Discharge Slim Cassette Type

2-way Cassette Type (B Series)

1-Way Cassette Type

Console Type

Floor Ceiling Type(B series)

Concealed Floor Standing Type

Floor Standing Type

AHU-KIT(C series)

ERV DX coil

Fresh Air Processing

Fresh Air Processing (BLDC)

Wall Mounted Type (lomo BLDC-B4 panel)

Series name: AHU-KIT(C series)

Range of capacity: 2.8 ~ 252 kW

Normal indoor unit

Click ">>" to get detailed definitions

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)
Ind 1		GMV-ND100PHS/B-T	27 / 45.77	20	10	0	11.2	10	11.2	40/37/35	1800/1450/1250	0	0~200	57
Ind 2		GMV-ND100PHS/B-T	27 / 45.77	20	10	0	11.2	10	11.2	40/37/35	1800/1450/1250	0	0~200	57
Ind 3		GMV-ND100PHS/B-T	27 / 45.77	20	10	0	11.2	10	11.2	40/37/35	1800/1450/1250	0	0~200	57
Ind 4		GMV-ND100PHS/B-T	27 / 45.77	20	10	0	11.2	10	11.2	40/37/35	1800/1450/1250	0	0~200	57
Ind 5		GMV-ND100PHS/B-T	27 / 45.77	20	10	0	11.2	10	11.2	40/37/35	1800/1450/1250	0	0~200	57
Ind 6		GMV-ND100PHS/B-T	27 / 45.77	20	10	0	11.2	10	11.2	40/37/35	1800/1450/1250	0	0~200	57

Fresh air unit

Click ">>" to get detailed definitions

Unit name	Remark	Model	DBT/RH (Cooling)(°C/%)	DBT (Heating)(°C)	Design fresh air(m³/h)	Design Static Pressure(Pa)	Airflow (H/M/L)(m³/h)	Static Pressure Range(Pa)	Rt TC (kW)	Rt H (kW)	Noise (H/M/L)(dB(A))	NW(kg)
Ind 14		GMV-VDR5PH/SA-S	27 / 45.77	20	500	0	500/400/300	0~150	8.5	4	41/37/32	120
Ind 15		GMV-VDR5PH/SA-S	27 / 45.77	20	500	0	500/400/300	0~150	8.5	4	41/37/32	120
Ind 16		GMV-VDR5PH/SA-S	27 / 45.77	20	500	0	500/400/300	0~150	8.5	4	41/37/32	120
Ind 17		GMV-VDR5PH/SA-S	27 / 45.77	20	500	0	500/400/300	0~150	8.5	4	41/37/32	120

AHU-KIT

Click ">>" to get detailed definitions

Unit name	Remark	Model	DBT/RH (Cooling)(°C/%)	DBT (Heating)(°C)	Req TC (kW)	Req SC (kW)	Req H (kW)	Rated Capacity(kW)	Range of cooling capacity(kW)	Range of heating capacity(kW)	Suggested Airflow Range(m³/h)	NW(kg)
Ind 9		GMV-N140U/C-T	27 / 45.77	20	10	0	11.2	11.2	9~11.2	10~12.5	1350~2128	10.5
Ind 10		GMV-N140U/C-T	27 / 45.77	20	10	0	11.2	11.2	9~11.2	10~12.5	1350~2128	10.5
Ind 11		GMV-N140U/C-T	27 / 45.77	20	10	0	11.2	11.2	9~11.2	10~12.5	1350~2128	10.5
Ind 12		GMV-N140U/C-T	27 / 45.77	20	10	0	11.2	11.2	9~11.2	10~12.5	1350~2128	10.5
Ind 13		GMV-N140U/C-T	27 / 45.77	20	10	0	11.2	11.2	9~11.2	10~12.5	1350~2128	10.5

由于参数列信息不同，将普通内机、新风机、AHU-KIT分三个区域展示

## 4.外机选型

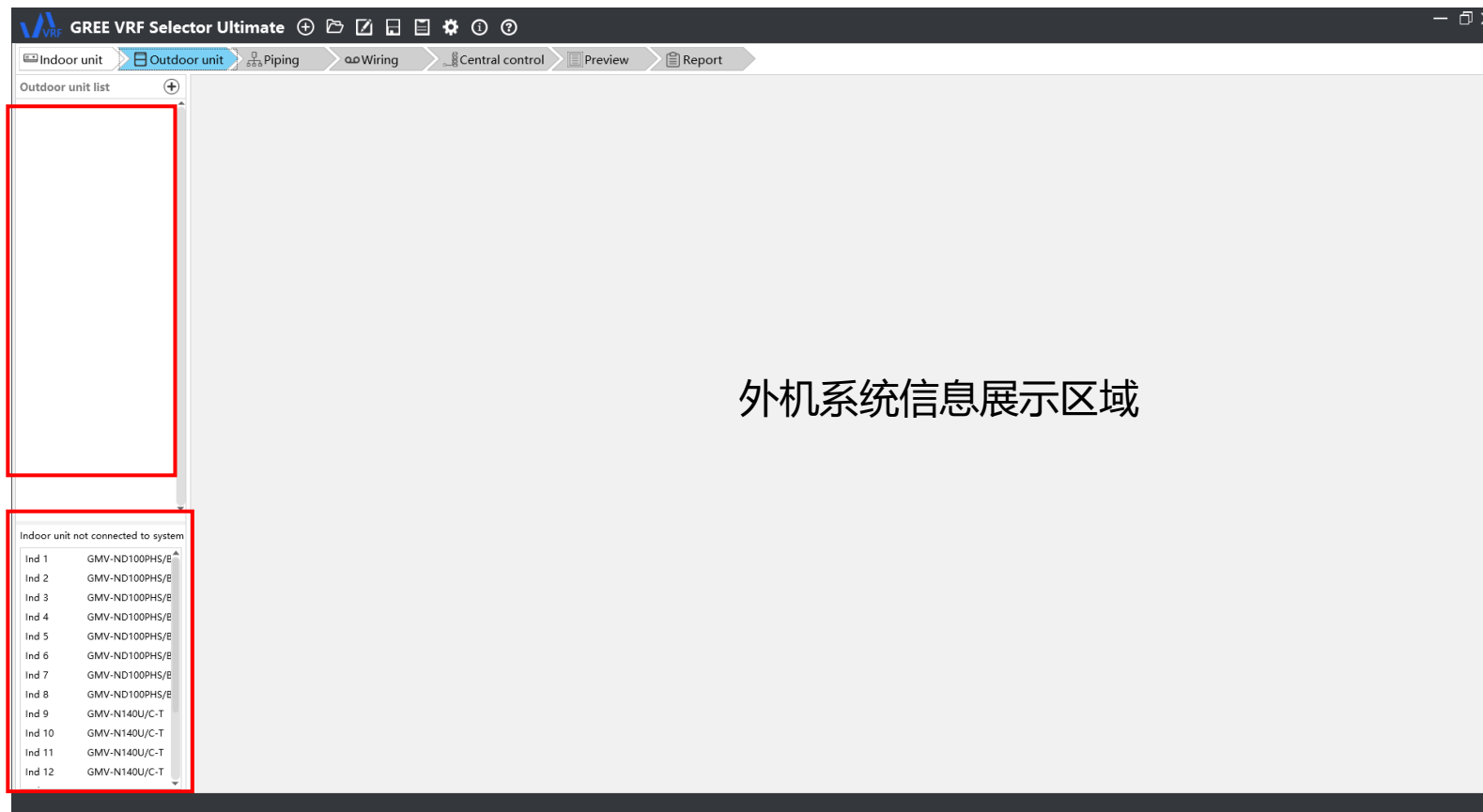
### 外机选型界面布局

内机选型完毕后，点击选型过程导航栏中的外机，进入外机选型界面

外机系统列表

外机系统信息展示区域

未加入系统的内机列表

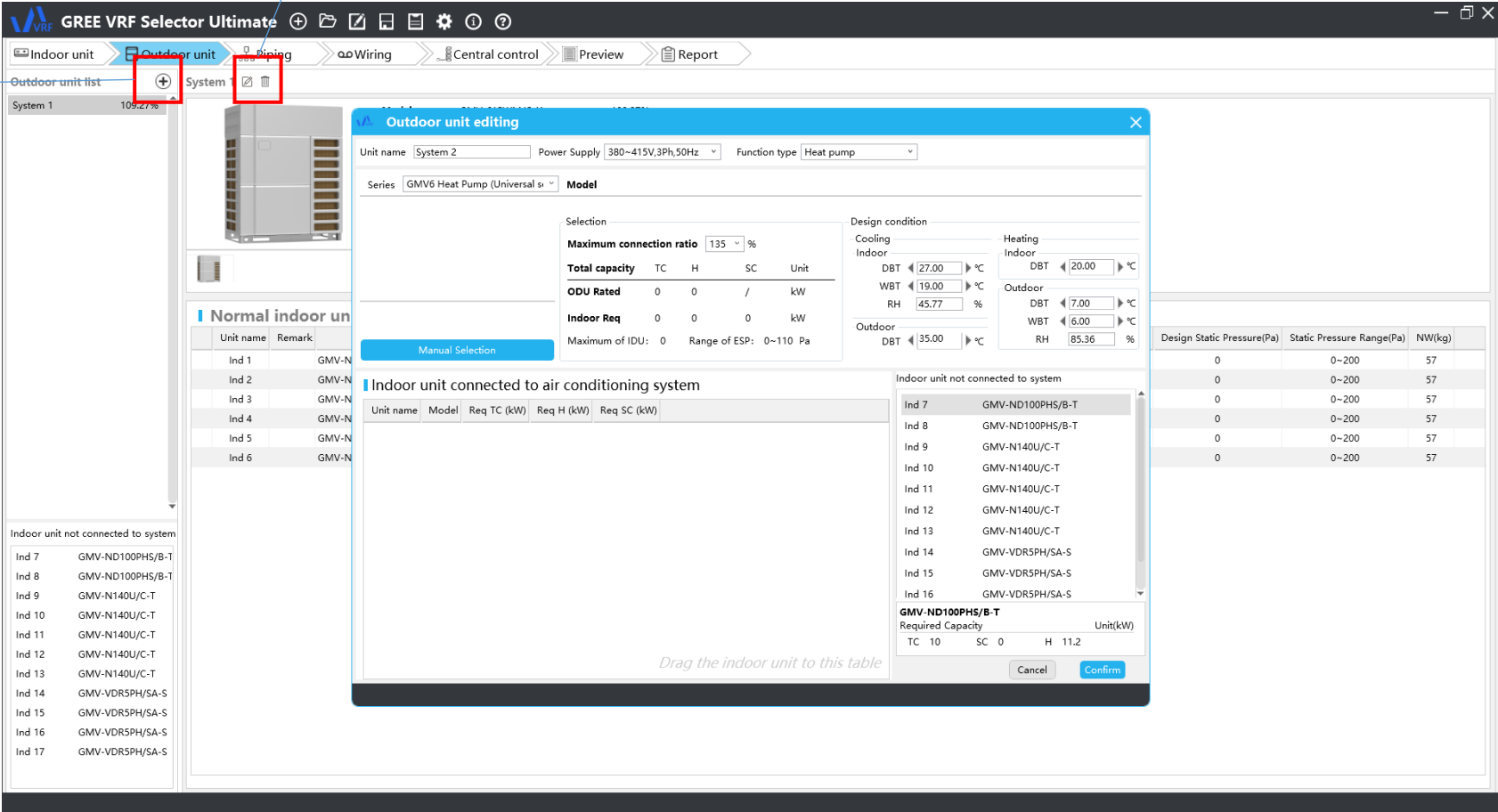


4.外机选型

添加外机系统

编辑、删除按钮

添加系统按钮



4.外机选型

系统选型窗口

点击“添加系统”按钮后，弹出系统选型窗口

电源规格选择

编辑系统名称

外机系列选择下拉框

外机系统详细信息表

手动选型按钮

功能类型选择：包含热泵、热回收、热水多联、单冷

设计工况参数

待加入系统的内机列表  
单机选中内机，按shift鼠标左键多选，拖动到系统内机列表，完成内机的添加  
系统加入内机后，会自动推荐外机

内机参数显示

Outdoor unit editing

Unit nameSystem 2

Power Supply380~415V,3Ph,50Hz

Function typeHeat pump

SeriesE Heat Pump(EU)(phasing out)

ModelGMV-2016WM/E-X

Manual Selection

Maximum connection ratio	110	%		
Total capacity	TC	H	SC	Unit
ODU Rated	201.5	226.5	/	kW
Indoor Req	196	220.5	0	kW
Maximum of IDU:	80	Range of ESP: 0~82 Pa		

Design condition

Cooling

Indoor

DBT27.00℃

WBT19.00℃

RH45.77%

Outdoor

DBT35.00℃

Heating

Indoor

DBT20.00℃

Outdoor

DBT7.00℃

WBT6.00℃

RH85.36%

Indoor unit connected to air conditioning system

Unit name	Model	Req TC (kW)	Req H (kW)	Req SC (kW)
Ind 2	GMV-N560U/C-T+GMV-N560U/C-T+GMV-N280U/C-T	196	220.5	0

Indoor unit not connected to system

Ind 3

GMV-ND100PHS/B-T

Ind 4

GMV-ND100PHS/B-T

Ind 5

GMV-ND100PHS/B-T

Ind 6

GMV-ND100PHS/B-T

Ind 7

GMV-ND100PHS/B-T

Ind 8

GMV-ND100PHS/B-T

Ind 9

GMV-ND100PHS/B-T

Ind 10

GMV-ND100PHS/B-T

Ind 11

GMV-ND100PHS/B-T

GMV-N560U/C-T+GMV-N560U/C-T+GMV-N280U/

Required Capacity

Unit(kW)

TC	196	SC	0	H	220.5
----	-----	----	---	---	-------

\* Applicable for one-to-one unit

Drag the indoor unit to this table

Cancel

Confirm

系统内机列表

# 4. 外机选型

## 水源外机选型

## 水源外机选型

Outdoor unit editing

Unit nameSystem 2Power Supply380~415V,3Ph,50HzFunction typeat pump(GMV Water)

SeriesGMV water Heat pumpModelGMV-W335WM/A-X89.55 %

GMV-W335WM/A-X

Selection

Maximum connection ratio110 %

Total capacity

TC	H	SC	Unit
33.5	37.5	/	kW

ODU Rated

33.5	37.5	/	kW
------	------	---	----

Indoor Req

30	33.6	0	kW
----	------	---	----

Maximum of IDU: 19

Range of ESP: 0 Pa

Design condition

Cooling

Indoor

DBT27.00 °C

WBT19.00 °C

RH45.77 %

Outdoor

IWT35.00 °C

Heating

Indoor

DBT20.00 °C

Outdoor

IWT7.00 °C

WaterFlow

Water Flow6.00 m³/h

Indoor unit connected to air conditioning system

Unit name	Model	Req TC (kW)	Req H (kW)	Req SC (kW)
Ind 3	GMV-ND100PHS/B-T	10	11.2	0
Ind 4	GMV-ND100PHS/B-T	10	11.2	0
Ind 5	GMV-ND100PHS/B-T	10	11.2	0

Drag the indoor unit to this table

Indoor unit not connected to system

Ind 6GMV-ND100PHS/B-T

Ind 7GMV-ND100PHS/B-T

Ind 8GMV-ND100PHS/B-T

Ind 9GMV-ND100PHS/B-T

Ind 10GMV-ND100PHS/B-T

Ind 11GMV-ND100PHS/B-T

Ind 12GMV-ND100PHS/B-T

Ind 2GMV-N560U/C-T+GMV-N560U/C

GMV-ND100PHS/B-T

Required Capacity

TC	SC	H	Unit(kW)
10	0	11.2	

Cancel

Confirm

水源工况  
IWT——进水温度  
WaterFlow——水流量

系统内机列表

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## 4.外机选型

### 手动选型，外机模块自由搭配

在内机拖放完毕后，点击手动选择或外机模块搭配按钮，会显示模块组合界面

设定推荐外机系统的配置率范围

在设定的配置率范围内推荐的外机系统

Manual Selection

Maximum of IDU: 19 Range of ESP: 0~110 Pa DBT 35.00 °C RH 85.36 %

Range of connection ratio(%) Lower limit 50 Upper limit 135 Screen unit mode

	Ratio(%)	Rt TC (kW)	Rt H (kW)	Model	Unit module	Unit module	Unit module	Unit module
<input type="radio"/>	133.93	22.4	25	GMV-VQ224WM/C-X	GMV-VQ224WM/C-X			
<input type="radio"/>	107.14	28	31.5	GMV-VQ280WM/C-X	GMV-VQ280WM/C-X			
<input type="radio"/>	89.55	33.5	37.5	GMV-VQ335WM/C-X	GMV-VQ335WM/C-X			
<input type="radio"/>	75	40	45	GMV-VQ400WM/C-X	GMV-VQ400WM/C-X			
<input type="radio"/>	66.67	45	50	GMV-VQ450WM/C-X	GMV-VQ450WM/C-X			
<input type="radio"/>	59.52	50.4	56.5	GMV-VQ504WM/C-X	GMV-VQ504WM/C-X			
<input type="radio"/>	53.57	56	63	GMV-VQ560WM/C-X	GMV-VQ560WM/C-X			

Indoor unit connected to air conditioning system

Unit name	Model	Req TC (kW)	Req H (kW)	Req SC (kW)
Ind 1	GMV-ND100PHS/B-T	10	11.2	0

Indoor unit not connected to system

GMV-ND100PHS/B-T

Cancel Confirm

可以根据实际情况，自由的选择外机系统的组成模块（最多四个模块）

点击确认，外机选型完成

# 4.外机选型

## 特殊模块选型

当选择部分GMV6热泵系列时，会出现蓄热模块选型按钮

Outdoor unit editing

Unit nameSystem 2Power Supply380~415V,3Ph,50HzFunction typeHeat pump

Series6 Heat Pump (Universal series)

ModelGMV-335WM/G-X89.55 %Storage heat module selection

GMV-335WM/G-X

Selection

Maximum connection ratio110 %

Total capacity

	TC	H	SC	Unit
ODU Rated	33.5	37.5	/	kW
Indoor Req	30	33.6	0	kW

Indoor Req3033.60 kW

Maximum of IDU: 19Range of ESP: 0~110 Pa

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 %

Manual Selection

Indoor unit connected to air conditioning system

Unit name	Model	Req TC (kW)	Req H (kW)	Req SC (kW)
Ind 3	GMV-ND100PHS/B-T	10	11.2	0
Ind 4	GMV-ND100PHS/B-T	10	11.2	0
Ind 5	GMV-ND100PHS/B-T	10	11.2	0

Indoor unit not connected to system

Ind 6GMV-ND100PHS/B-T

Ind 7GMV-ND100PHS/B-T

Ind 8GMV-ND100PHS/B-T

Ind 9GMV-ND100PHS/B-T

Ind 10GMV-ND100PHS/B-T

Ind 11GMV-ND100PHS/B-T

Ind 12GMV-ND100PHS/B-T

Ind 2GMV-N560U/C-T+GMV-N560U/C

GMV-ND100PHS/B-T

Required Capacity

Unit(kW)

TC10SC0H11.2

CancelConfirm

Drag the indoor unit to this table

当选择欧盟GMV6 HR或热水多联外机时，会出现热水模块选型按钮

Outdoor unit editing

Unit nameSystem 2Power Supply380~415V,3Ph,50HzFunction typeHeat recovery

SeriesGMV6 Heat Recovery(EU)

ModelGMV-VQ335WM/C-X89.55 %Model selection for hot water system

GMV-VQ335WM/C-X

Selection

Maximum connection ratio110 %

Total capacity

	TC	H	SC	Unit
ODU Rated	33.5	37.5	/	kW
Indoor Req	30	33.6	0	kW

Indoor Req3033.60 kW

Maximum of IDU: 19Range of ESP: 0~110 Pa

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 %

Manual Selection

Indoor unit connected to air conditioning system

Unit name	Model	Req TC (kW)	Req H (kW)	Req SC (kW)
Ind 3	GMV-ND100PHS/B-T	10	11.2	0
Ind 4	GMV-ND100PHS/B-T	10	11.2	0
Ind 5	GMV-ND100PHS/B-T	10	11.2	0

Indoor unit not connected to system

Ind 6GMV-ND100PHS/B-T

Ind 7GMV-ND100PHS/B-T

Ind 8GMV-ND100PHS/B-T

Ind 9GMV-ND100PHS/B-T

Ind 10GMV-ND100PHS/B-T

Ind 11GMV-ND100PHS/B-T

Ind 12GMV-ND100PHS/B-T

Ind 2GMV-N560U/C-T+GMV-N560U/C

GMV-ND100PHS/B-T

Required Capacity

Unit(kW)

TC10SC0H11.2

CancelConfirm

Drag the indoor unit to this table

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## 4.外机选型

### 特殊模块选型——蓄热模块

Series: GMV6 Heat Pump (Universal s) Model: GMV-1975WM/G-X 99.24%

GMV-615WM/G-X+GMV-680WM/G-X+GMV-680WM/G-X

Selection

Maximum connection ratio: 110 %

Total capacity	TC	H	SC	Unit
ODU Rated	197.5	222	/	kW
Indoor Req	196	220.5	0	kW

Maximum of IDU: 80 Range of ESP: 0~110 Pa

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 %

Manual Selection

点击蓄热模块按钮，  
进入蓄热模块选型面板

点击返回按钮，  
返回外机设计工况面板

Series: GMV6 Heat Pump (Universal s) Model: GMV-1975WM/G-X 99.24%

GMV-615WM/G-X+GMV-680WM/G-X+GMV-680WM/G-X

Selection

Maximum connection ratio: 110 %

Total capacity	TC	H	SC	Unit
ODU Rated	197.5	222	/	kW
Indoor Req	196	220.5	0	kW

Maximum of IDU: 80 Range of ESP: 0~110 Pa

Confirm and Return

☐ Storage heat module

Allow access to the configuration ratio: 90 - 150 %

Actual access to the configuration ratio: 0.00 %

Model	Rated Capacity	Count
XRZ180L/A-T	18 kW	0
Total	0 kW	0

Manual Selection

勾选蓄热模块，根据当前外机  
容量自动推荐蓄热模块数量

勾选蓄热模块后，激活输入框，  
可手动输入蓄热模块数量

## 4.外机选型

### 特殊模块选型——热水模块（热水多联）

Series GMV5 Home Model GMV-S120WL/A-S 83.33 %

Model selection for hot water system

GMV-S120WL/A-S

Selection

Maximum connection ratio 110 %

Total capacity	TC	H	SC	Unit
ODU Rated	12.1	14	/	kW
Indoor Req	10	11.2	0	kW

Maximum of IDU: 7 Range of ESP: 0 Pa

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 20.00 °C

WBT 6.00 °C

RH 0 %

Manual Selection

点击热水模块按钮，  
进入热水模块选型面板

是否选择 热水/地暖/太阳能——勾选框

☒ Hot water ☒ Floor heating ☐ Connected to solar energy?

Return to model selection for outdoor unit

Hot water

Demand: Total demand of hot water 0 L

Number of people 0 Daily water consumption per capita 0 L

Hot Water Generator

Hot Water Generator 1 Fall with outdoor unit 0 m

Water tank Total volume of water tank L

Water tank 1  Fall with outdoor unit 0 m

Water tank 2  Fall with outdoor unit 0 m

Floor heating

Total load of floor heat 0 kW

Room type Living room Heat load index 140 w/m<sup>2</sup> Room area 0 m<sup>2</sup>

点击返回按钮，  
返回外机设计工况面板

热水面板

地暖面板

## 4.外机选型

### 特殊模块选型——热水模块 (GMV6 HR)

Series: GMV6 Heat Recovery(EU) Model: GMV-VQ335WM/C-X 100.3%

**Model selection for hot water system**

GMV-VQ335WM/C-X

Selection

Maximum connection ratio: 110 %

Total capacity	TC	H	SC	Unit
ODU Rated	33.5	37.5	/	kW
Indoor Req	30	33.6	0	kW

Maximum of IDU: 19 Range of ESP: 0~110 Pa

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 %

Manual Selection

点击热水模块按钮，  
进入热水模块选型面板

是否选择 热水/地暖/太阳能——勾选框

☐ Hot water ☐ Floor heating ☐ Connected to solar energy?

**Return to model selection for outdoor unit**

Hot water

Demand: Total demand of hot water: 0 L Total demand of floor heating: 0 kW

**Hot Water Generator** Total load of floor heat: 0 kW

Hot Water Generator	Floor Heating	Fall with outdoor unit
Hot Water Generator 1	0 kW	0 m
Hot Water Generator 2	0 kW	0 m

**Water tank** Total volume of water tank: 0 L

Water tank	volume of water	Fall with Generator
Water tank 1	0 L	0 m
Water tank 2	0 L	0 m

点击返回按钮，  
返回外机设计工况面板

总需求输入栏

热水发生器和地暖

水箱


## 4. 外机选型

### 外机Submittal预览（此功能暂开放北美区域）

Outdoor unit editing

Unit nameSystem 1Power Supply208~230V,3Ph,60HzFunction typeHeat pumpClick to preview Submittal reportPreview

SeriesGMV5 Heat Pump(AHRI)ModelGMV-216WM/B-F(U)100.00 %

  
Manual Selection

Selection

Maximum connection ratio135 %

Total capacity

TC

H

SC

Unit

ODU Rated

216

243

/

kBtu/h

Indoor Req

216

240

0

kBtu/h

Maximum of IDU: 36

Range of ESP: 0~0.328 inWG

Design condition

Cooling

Indoor

DBT80.60 °F

WBT66.20 °F

RH45.77 %

Outdoor

DBT95.00 °F

Heating

Indoor

DBT68.00 °F

Outdoor

DBT44.60 °F

WBT42.80 °F

RH85.36 %

Range of connection ratio(%) Lower limit50Upper limit135Screen unit mode

	Ratio(%)	Rt TC (kBtu/h)	Rt H (kBtu/h)	Model	Unit module	Unit module	Unit module
<input type="radio"/>	128.57	168	189	GMV-168WM/B1-F(U)	GMV-168WM/B1-F(U)		
<input type="radio"/>	128.57	168	189	GMV-168WM/B-F(U)	GMV-72WM/B-F(U)	GMV-96WM/B-F(U)	
<input type="radio"/>	112.5	192	216	GMV-192WM/B-F(U)	GMV-96WM/B-F(U)	GMV-96WM/B-F(U)	
<input type="radio"/>	100	216	243	GMV-216WM/B-F(U)	GMV-96WM/B-F(U)	GMV-120WM/B-F(U)	
<input type="radio"/>	90	240	270	GMV-240WM/B-F(U)	GMV-120WM/B-F(U)	GMV-120WM/B-F(U)	
<input type="radio"/>	81.82	264	297	GMV-264WM/B-F(U)	GMV-72WM/B-F(U)	GMV-96WM/B-F(U)	GMV-96WM/B-F(U)
<input type="radio"/>	75	288	324	GMV-288WM/B-F(U)	GMV-96WM/B-F(U)	GMV-96WM/B-F(U)	GMV-96WM/B-F(U)
<input type="radio"/>	69.23	312	351	GMV-312WM/B-F(U)	GMV-96WM/B-F(U)	GMV-96WM/B-F(U)	GMV-120WM/B-F(U)
<input type="radio"/>	64.29	336	378	GMV-336WM/B-F(U)	GMV-96WM/B-F(U)	GMV-120WM/B-F(U)	GMV-120WM/B-F(U)

Indoor unit connected to air conditioning system

Unit name	Model	Req TC (kBtu/h)	Req H (kBtu/h)	Req SC (kBtu/h)
Ind 1	GMV-N18G/E3A-D(U)	18	20	0

Drag the indoor unit to this table

Indoor unit not connected to system

GMV-N18G/E3A-D(U)



CancelConfirm


- 1.当接入内机后，自动推荐或手动选择一个型号的外机
- 2.点击“预览”按钮
- 3.操作无误，资源无误的情况下可成功预览Submittal报告
- 4.若无法预览，则会提示相应的原因

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## 4.外机选型

点击确认后，外机选型完成，在外机选型界面，外机系统结构显示区域会显示选择的外机系统的详细信息

System 1  



Model		GMV-1975WM/G-X		99.24%	
GMV-615WM/G-X+GMV-680WM/G-X+GMV-680WM/G-X					
Selection					
Total capacity	TC	H	SC	Unit	
ODU Rated	197.5	222	/	kW	
Indoor Req	196	220.5	0	kW	
Maximum of IDU: 80 Range of ESP: 0~110 Pa					

Design condition

Cooling			Heating		
Indoor			Indoor		
DBT	27	°C	DBT	20	°C
WBT	19	°C			
RH	45.77	%			
Outdoor			Outdoor		
DBT	35	°C	DBT	7	°C
			WBT	6	°C
			RH	85.36	%

**AHU-KIT** >> Click ">>" to get detailed definitions

Unit name	Remark	Model	DBT/RH (Cooling)(°C/%)	DBT (Heating)(°C)	Req H (kW)	Req SC (kW)	Req H (kW)
Ind 1		GMV-N560U/C-T+GMV-N560U/C-T+GMV-N280U/C-T	27 / 45.77	20	196	0	220.5

5.配管连接

配管界面（以热泵系统为例）



配管操作工具栏

图例

外机系统列表

未接入配管连接的内机列表

未接入配管连接的热水发生器列表

配管连接主界面

系统消息提示栏

## 5.配管连接

### 配管图例



Legend

The diagram shows a piping system with the following components and callouts:

- 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

The diagram includes a unit labeled 'B1:FQ01A/A' and another unit labeled 'VRF-ND50ZD/A-T'. The piping is labeled with '12.7/6.35' and '0m(0)'. A dashed box with an 'X' is labeled '13'.

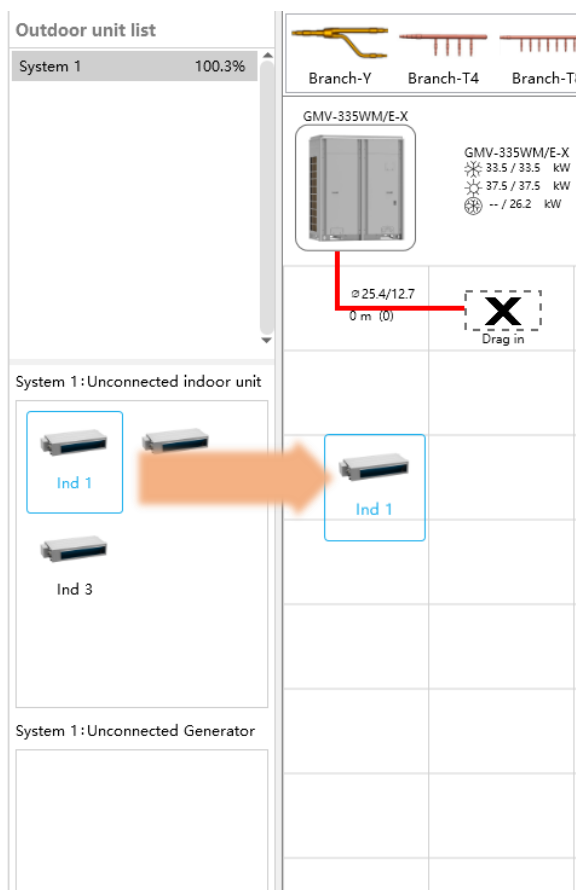
Item	Explain
1	Branch Name : Branch Model
2	Gas pipe /The pipe diameter of Liquid
3	The length of pipe(Elbow quantity)
4	H:Drop from ODU
5	Unit name
6	Unit model
7	Cooling Rated Capacity /Actual Capacity
8	Heating Rated Capacity /Actual Capacity
9	Sensible Cooling -- /Actual Capacity(l
10	Branch
11	Indoor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

点击图例按钮，弹出图例  
信息窗口

## 5.配管连接

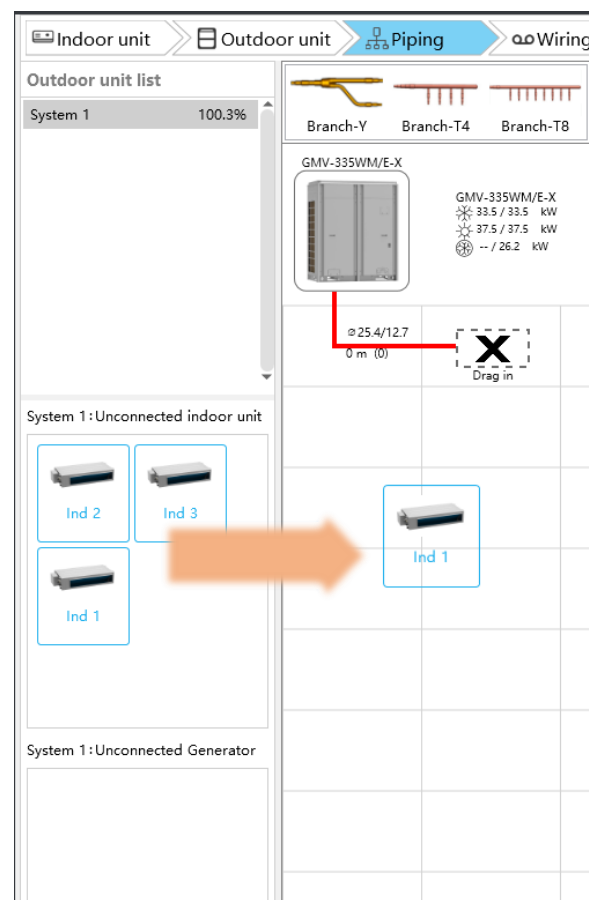
### 配管连接流程→拖动内机

#### 单台内机拖动



鼠标左键点击内机图标，按住不放拖动至配管主界面

#### 多台内机拖动

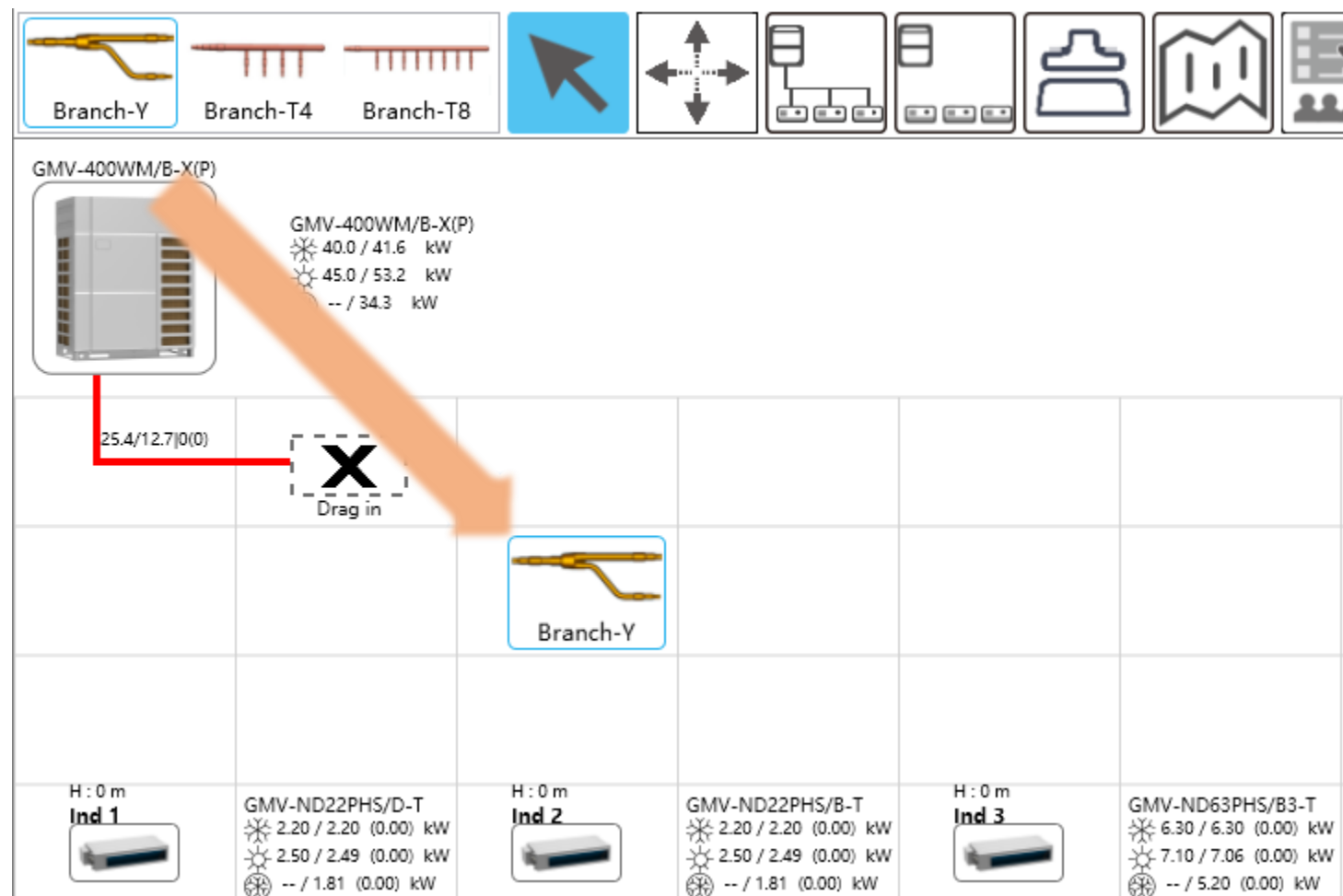


按住Shift键不放，选择多台内机，拖动内机的同时不松开Shift，添加多台内机到配管连接界面

## 5.配管连接

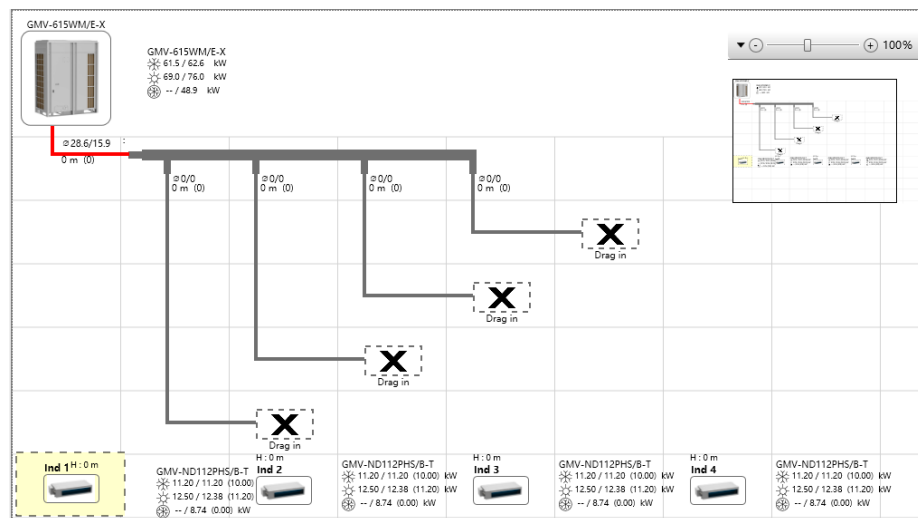
配管连接流程→拖动分歧管

根据需求选择合适的分歧管，鼠标左键点击，拖动到配管连接界面

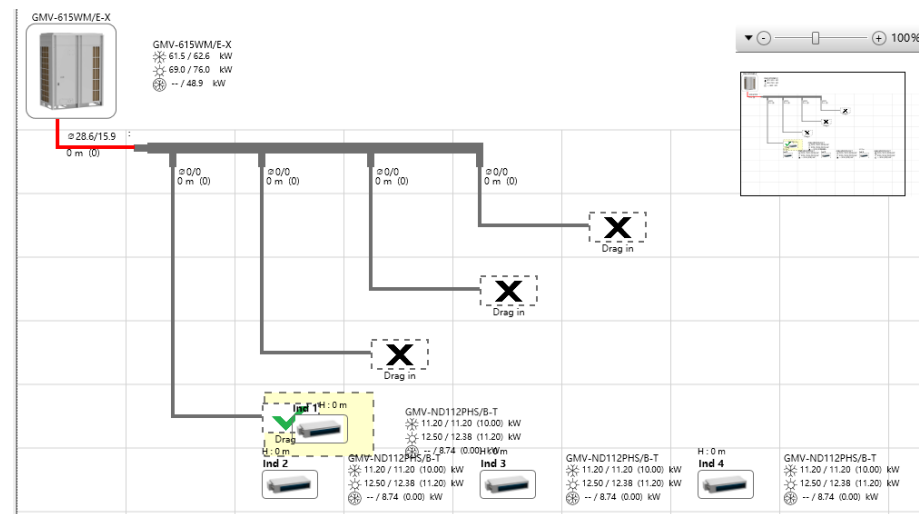


## 5.配管连接

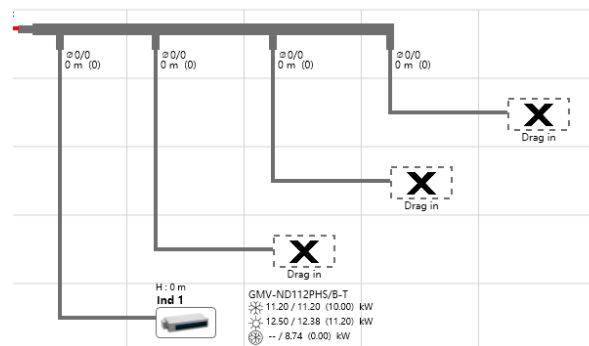
### 配管连接流程→分歧管与内机的连接



鼠标左键点击内机周围，拖动至分歧管连接末端“x”标识处



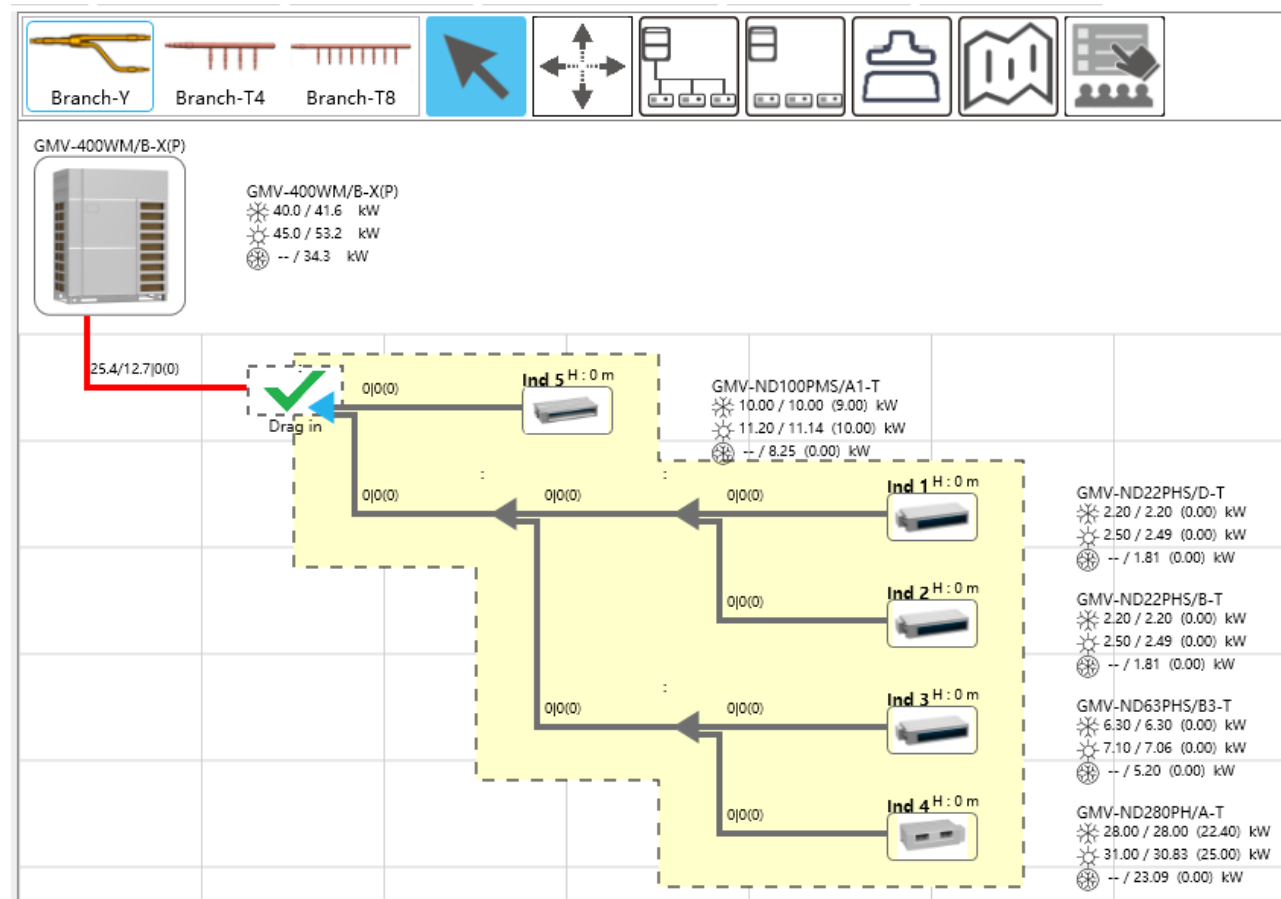
待分歧管连接末端出现“v”符号时，松开鼠标左键，完成分歧管与内机的连接



## 5.配管连接

### 配管连接流程→室内侧与室外侧连接

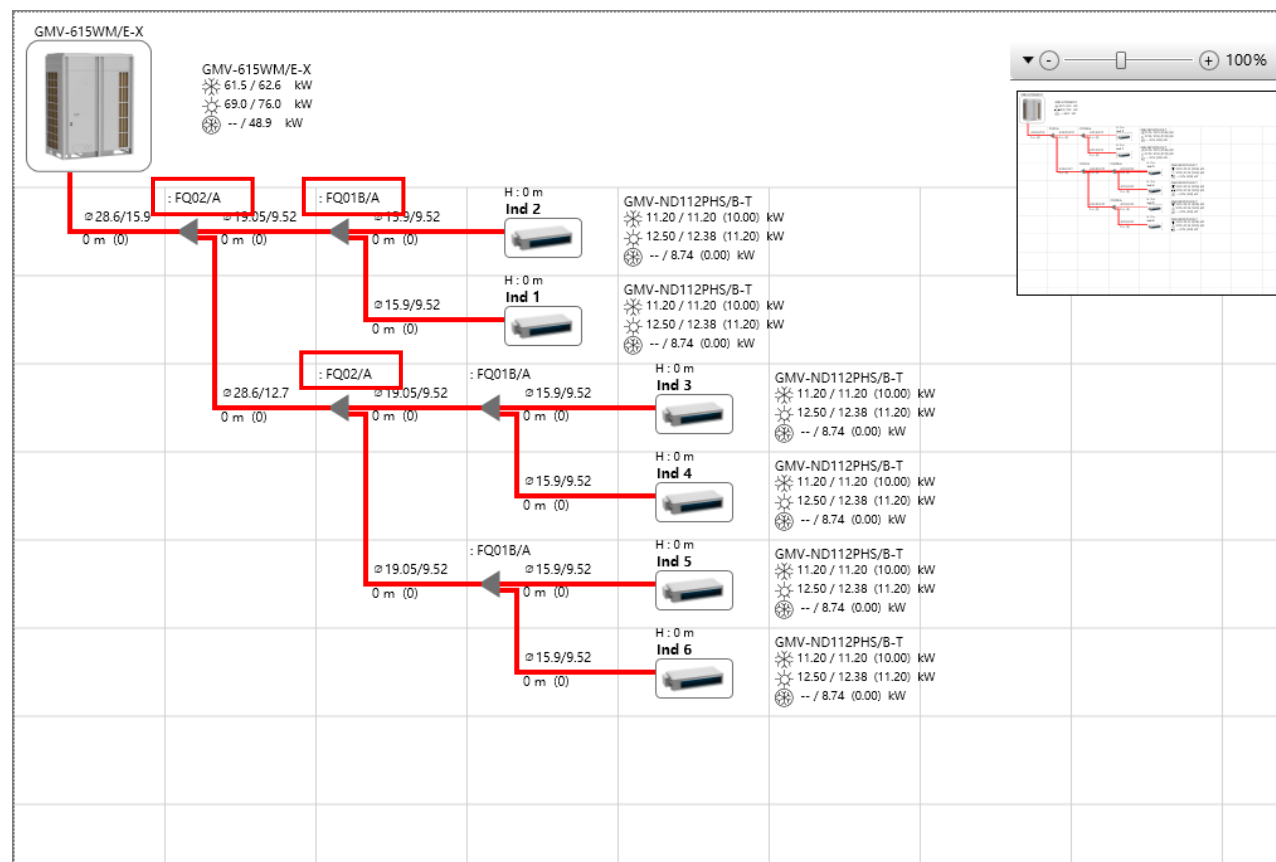
待所有内机同分歧管连接完毕后，拖动整个配管网络的第一个分歧管的周围，同内机连接分歧管类似，拖动到室外侧，完成室外侧与室内侧的连接。



## 5.配管连接

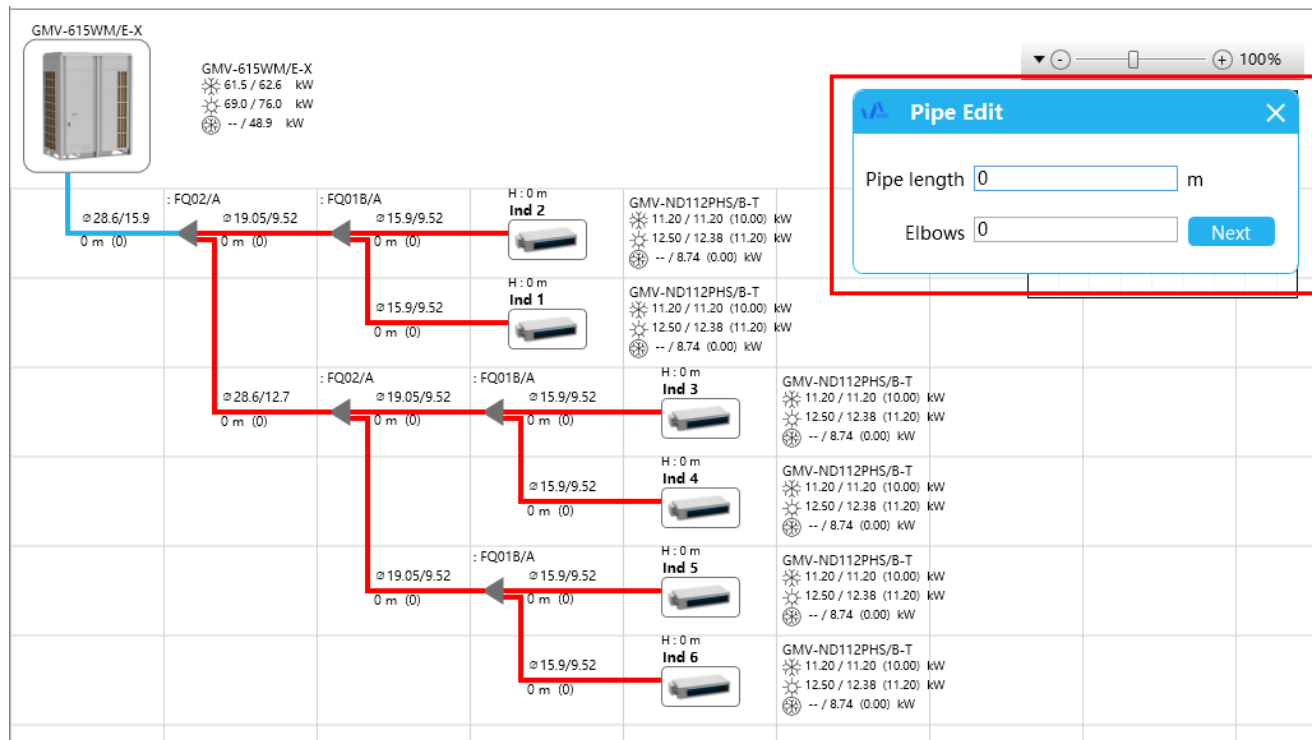
### 配管连接流程→分歧管选型

待室内侧与室外侧连接完毕后，  
整个配管网络树分歧管会进行  
自动选型。



## 5.配管连接

### 配管连接流程→配管长度与弯头数量录入

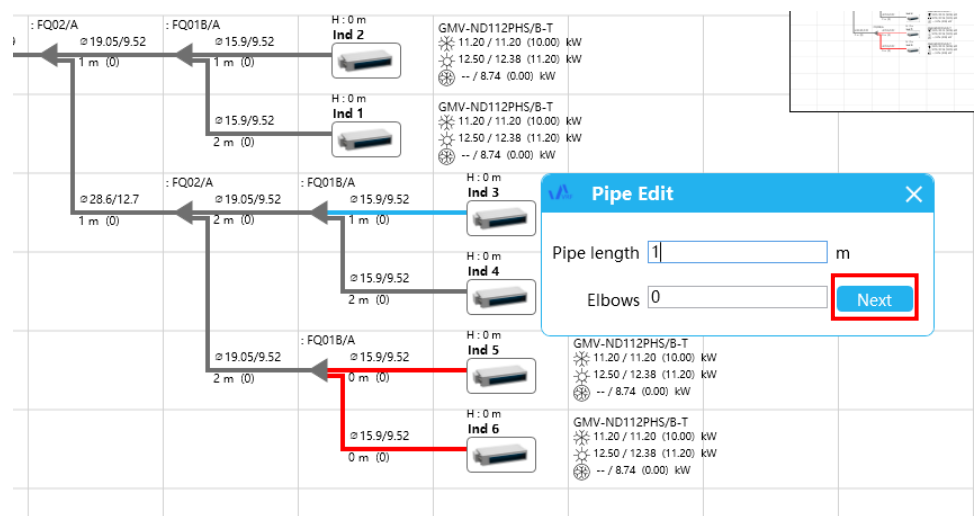


将鼠标移动到任意一端管路上，待管路颜色状态变化时，双击鼠标左键，弹出管长、弯头数编辑窗口。

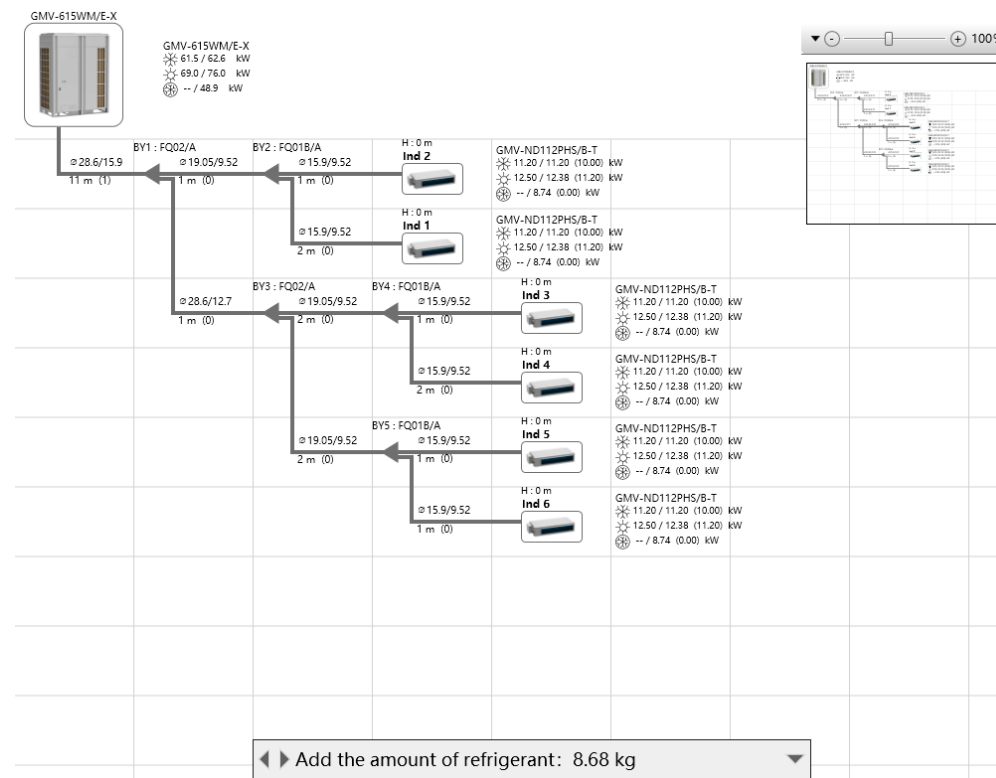
按键盘“↑”、“↓”键切换输入框。

## 5.配管连接

### 配管连接流程→配管长度与弯头数量录入



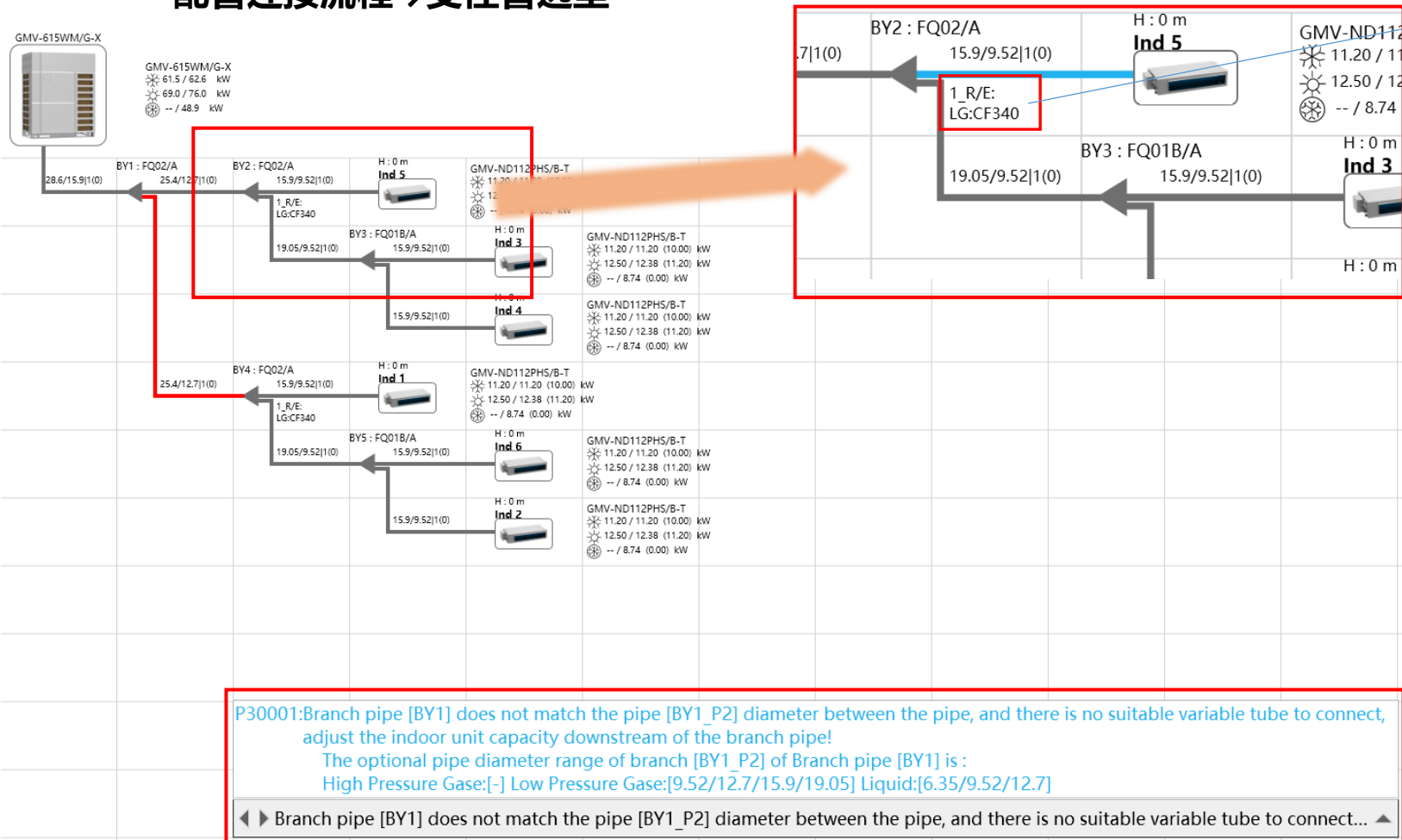
录入完毕管长、弯头数后，点击Next键或按“Enter”键，会自动切换到下一段管长为0的管路上进行录入。



全部数据录入完毕后，整个配管网络树结构

## 5.配管连接

## 配管连接流程→变径管选型



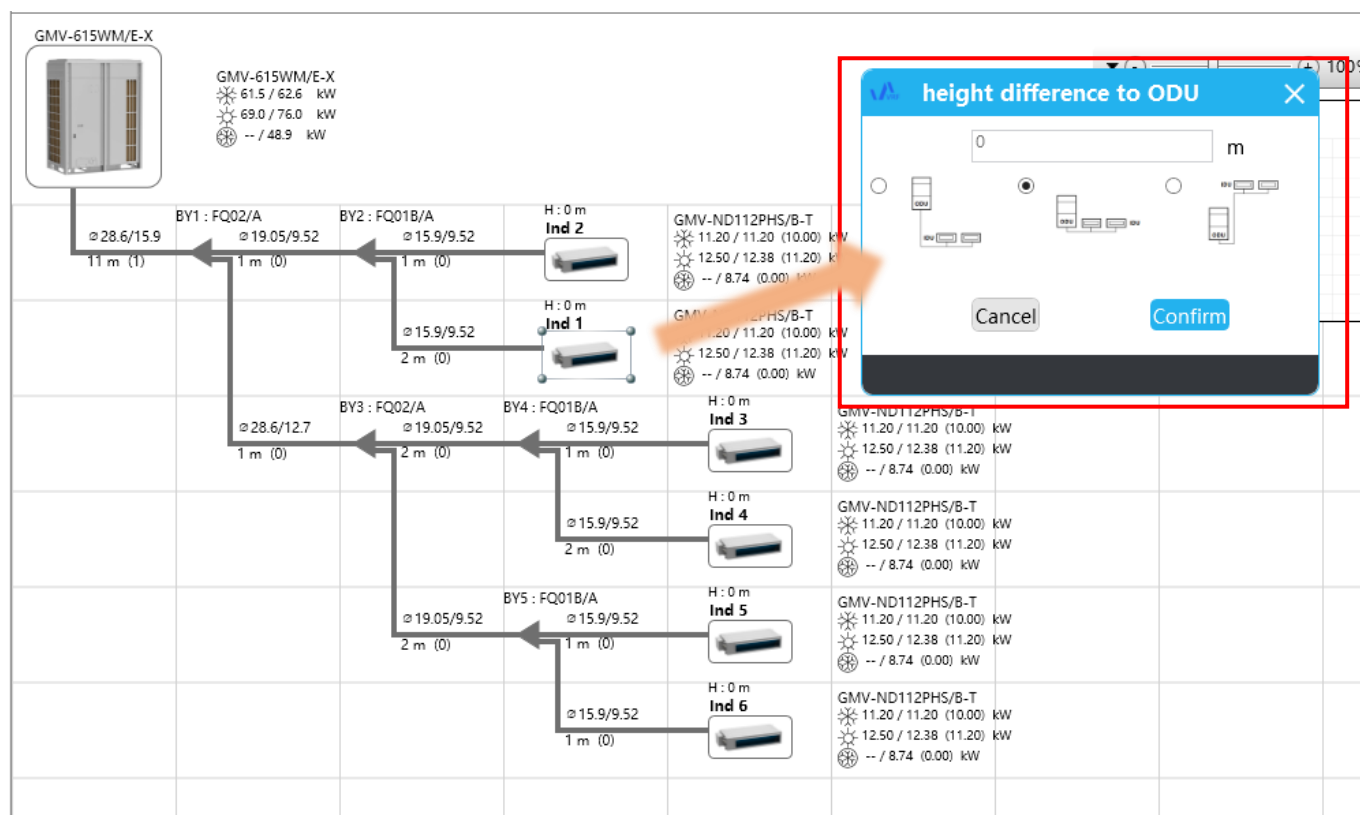
变径管型号

当分歧管型号与配管管径选型完成之后，会对配管与所连接分歧管分支进行管径匹配：

- 1.可以直接匹配时，该分支选择与配管管径一致的管径
- 2.不能直接匹配时，自动推荐出合适的变径管进行衔接
- 3.若无合适的变径管，则若图下方进行提示

## 5.配管连接

### 落差设置

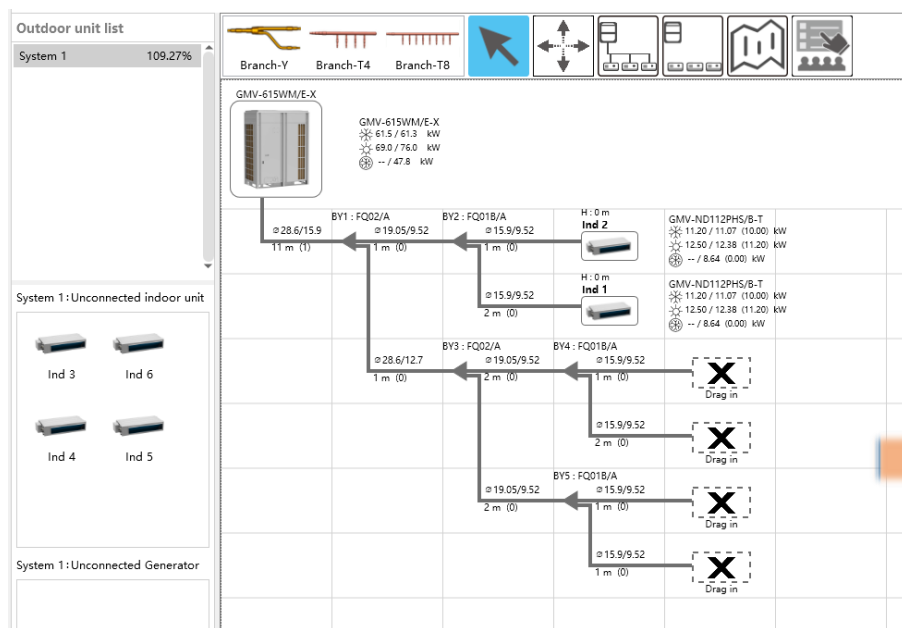


配管页面双击内机/蓄热模块  
图片会弹出落差设置窗口，可  
以进行落差设置。



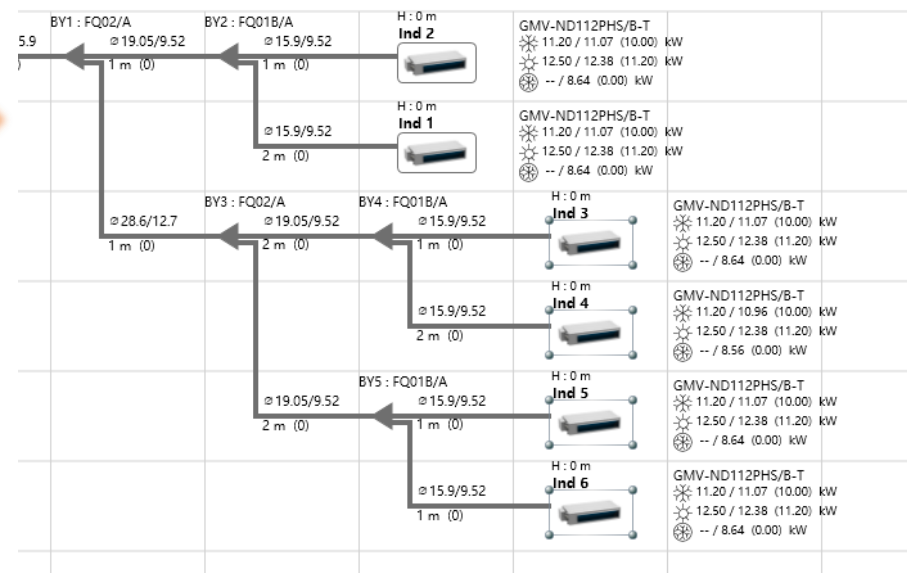
## 5.配管连接

### 配管连接编辑→删除



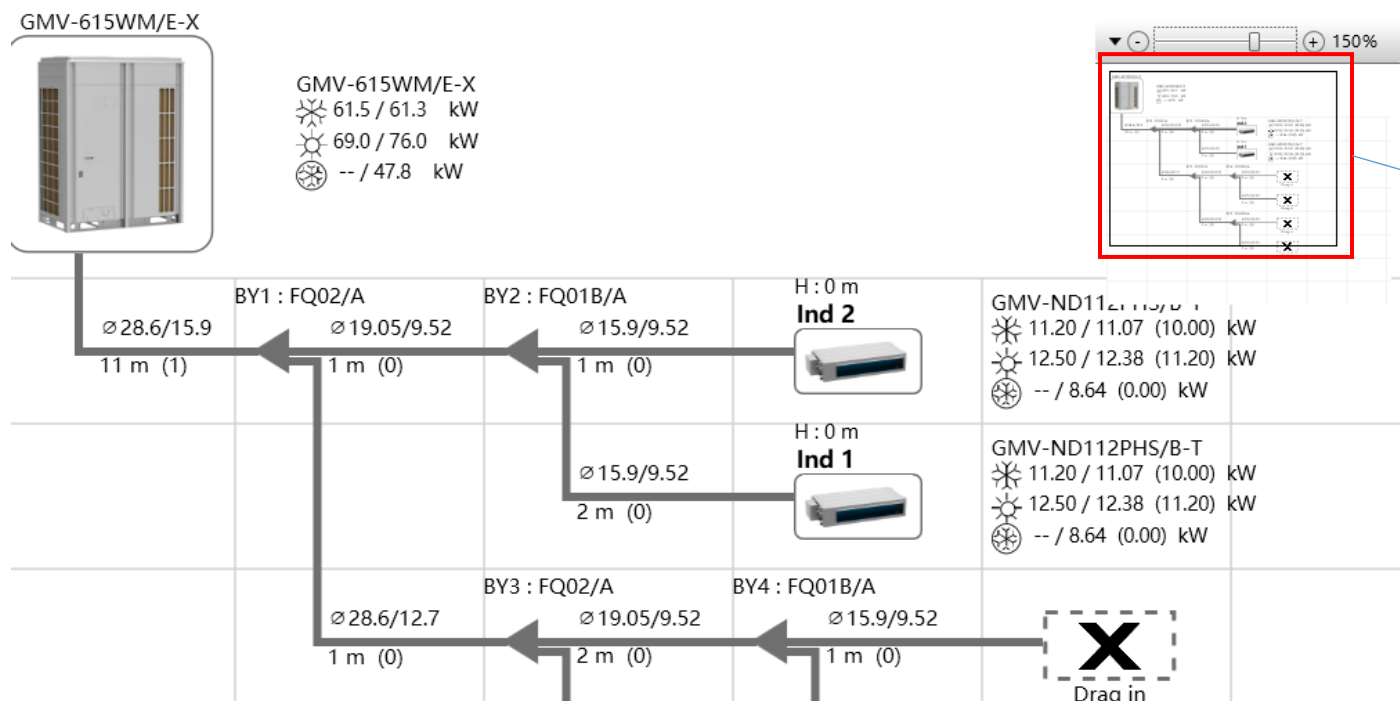
框选或者单选完毕所有的设备后，点击键盘“Delete”键

会将框选的设备删除，如果框选的设备中包含内机，内机就会被放置在未连接的内机列表中



## 5.配管连接

### 配管连接编辑→缩放



如果界面中无法全部展示配管连接树，通过鼠标滑动方框，来调整显示局部区域。

在配管连接的界面右上角有一个缩略图展示窗体，可以通过调整滑动块进行缩放比例调整。

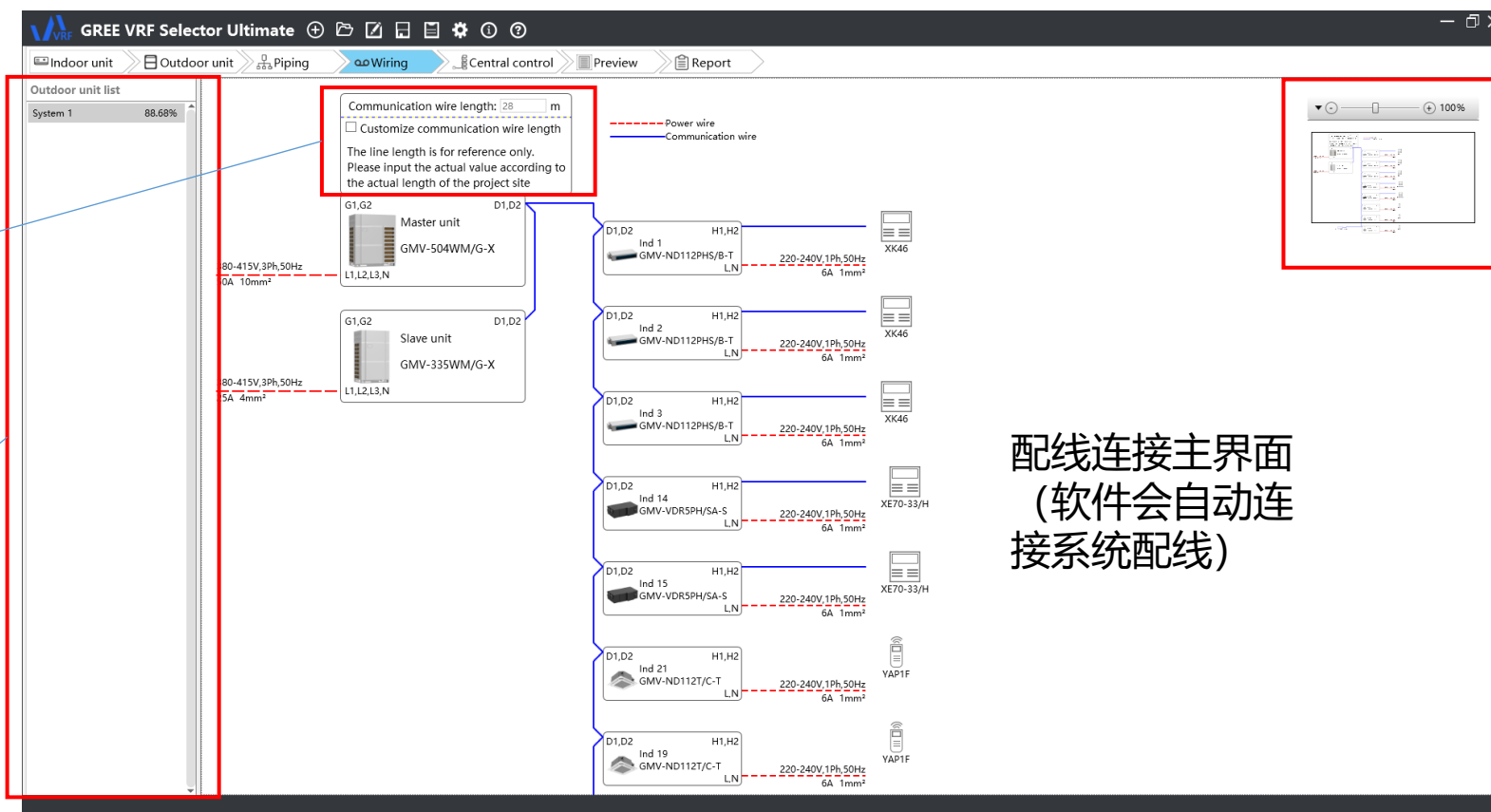
## 6.配线连接

### 配线连接界面

配管界面连接完毕后，点击导航栏，切换至配线界面

自定义通讯线长：  
1.不勾选时，自动计算推荐线长  
2.勾选时，自定义输入通讯线长

系统列表



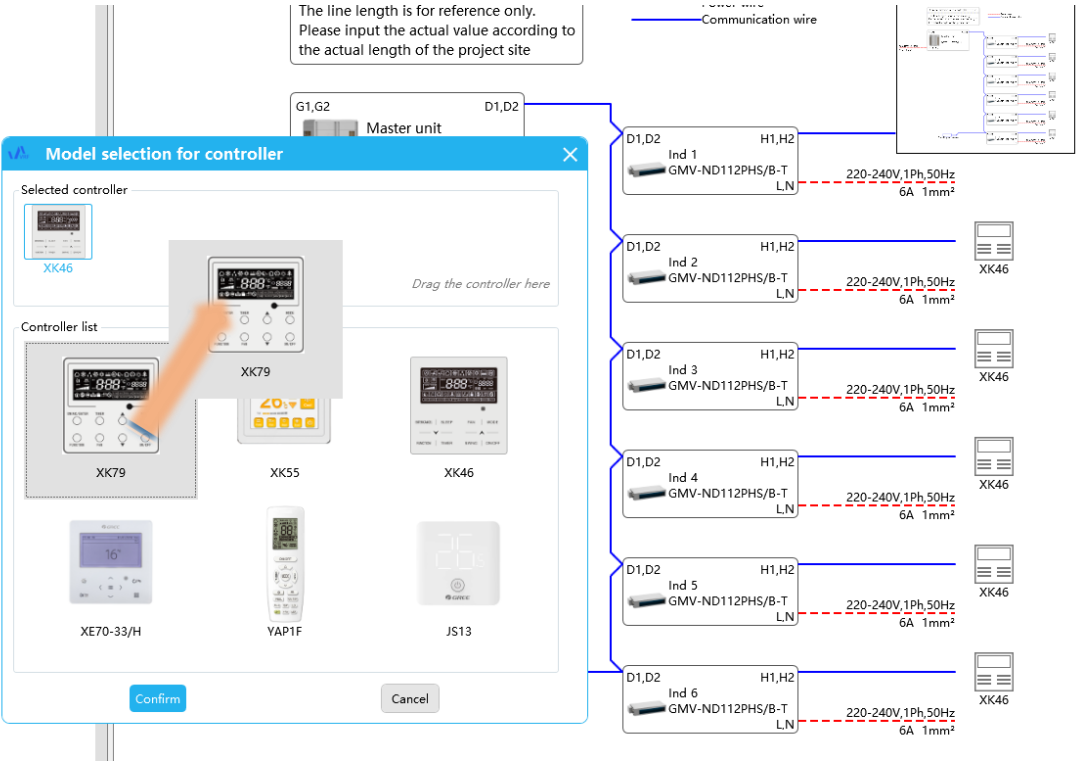
视图概览

配线连接主界面  
(软件会自动连接系统配线)

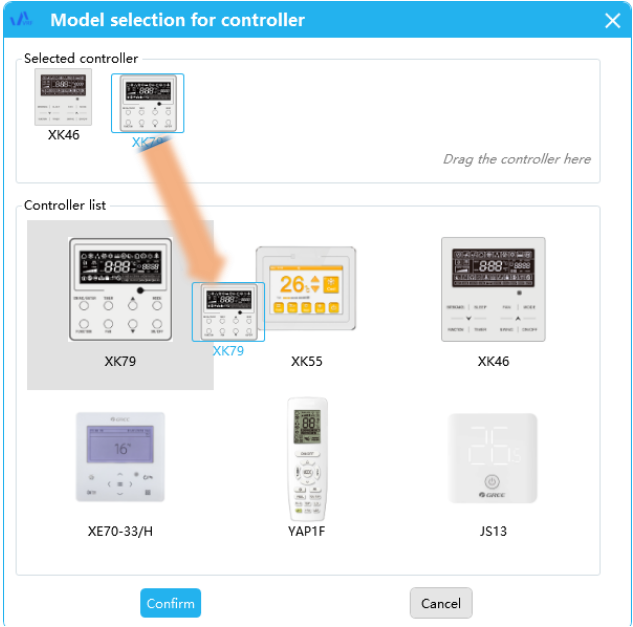
## 6.配线连接

### 控制器的选择

双击内机图片或控制器图片，弹出控制器编辑窗口



选择要添加的控制器，拖动到已选择的控制器框内，完成添加控制器

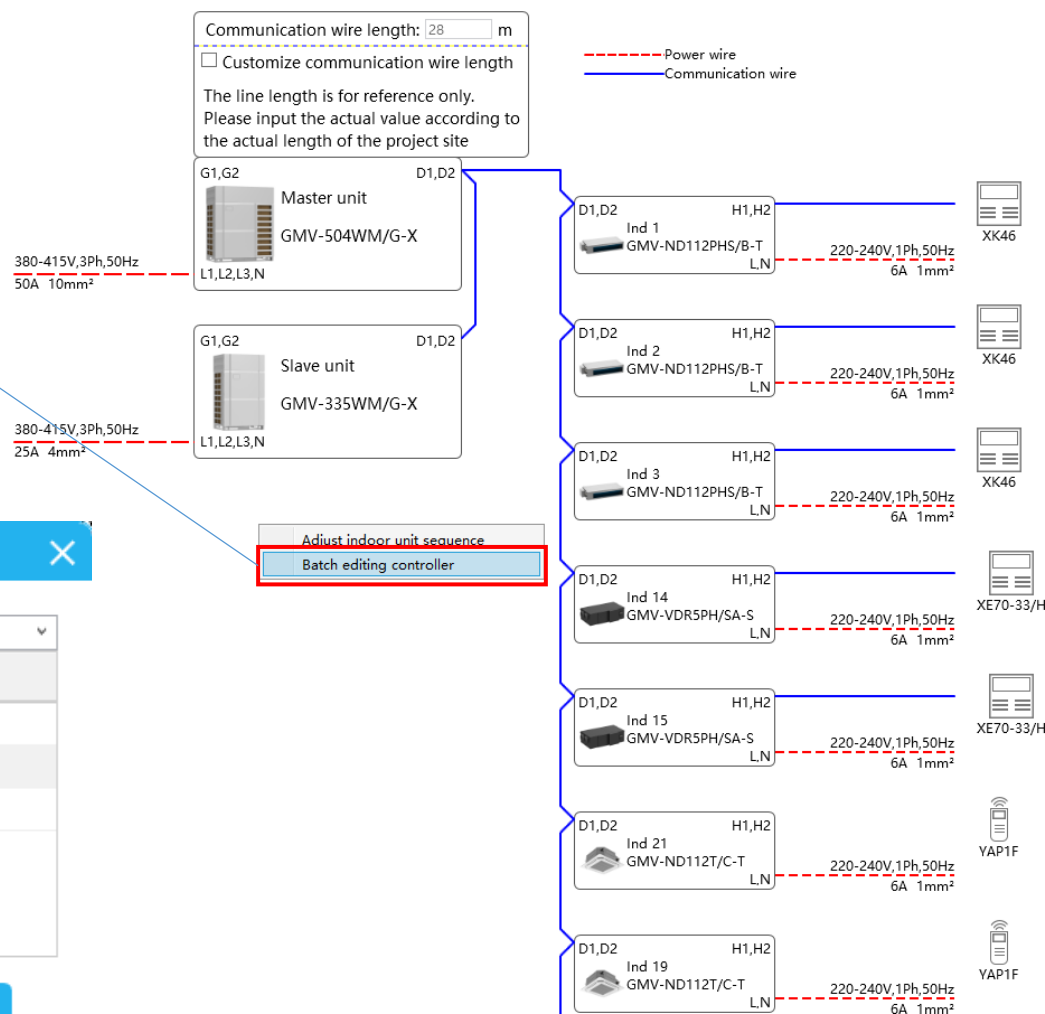
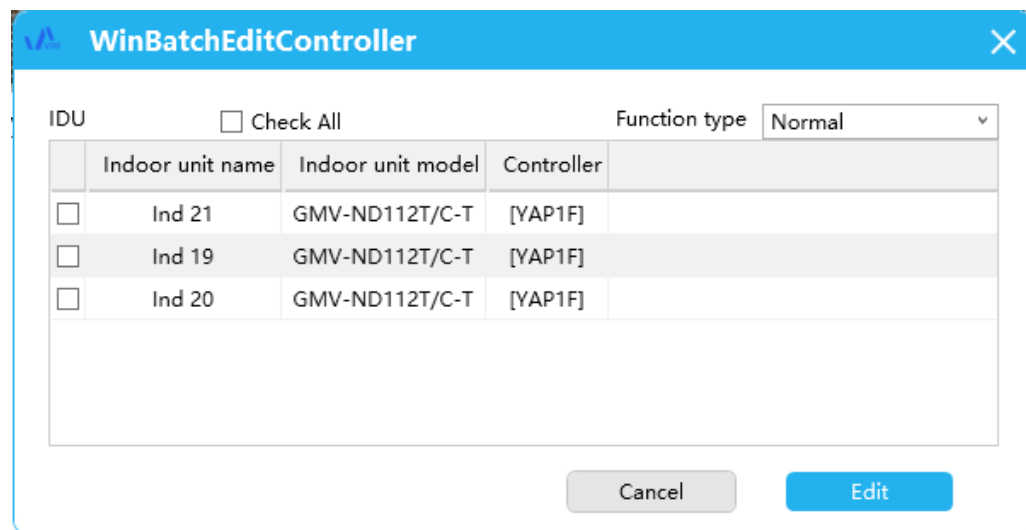


已添加的控制器，点击拖动到下方，完成移除控制器

## 6. 配线连接

### 批量编辑控制器→打开窗口

右击配线页面，点击第二个菜单项，  
打开批量编辑控制器窗口

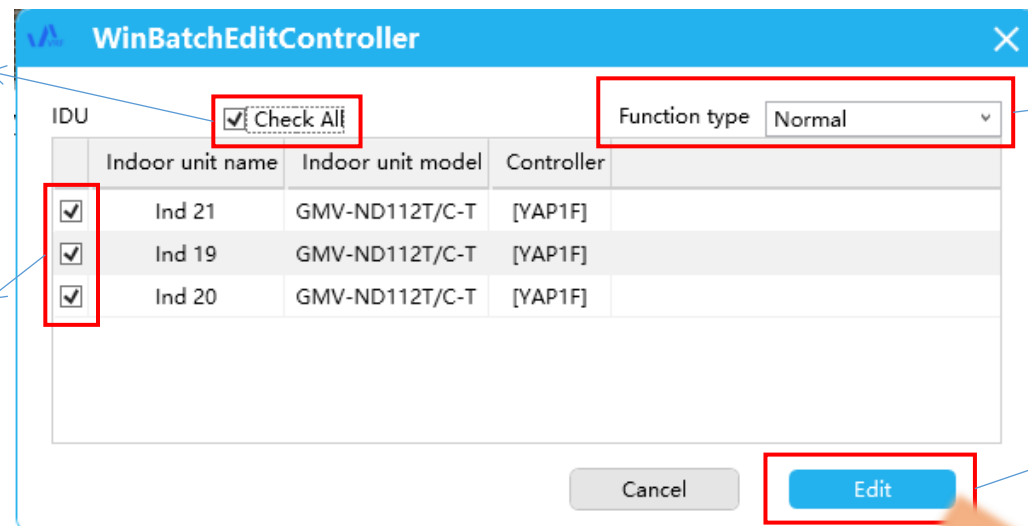


## 6.配线连接

### 批量编辑控制器→界面介绍

全选当前控制器类型的所有内机

勾选需要批量更改控制器的内机



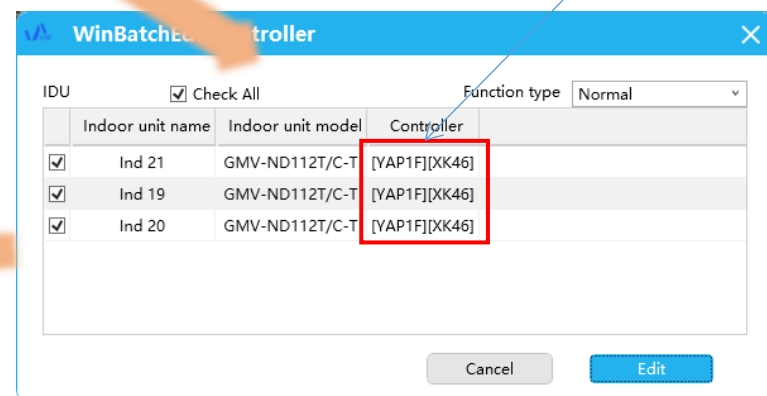
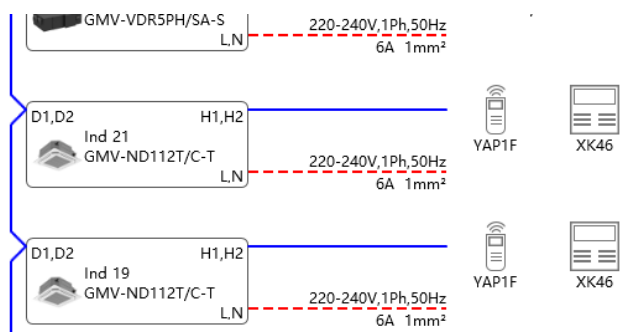
下拉框为控制器类型:

- 1.普通
- 2.风管机
- 3.ERV
- 4.高效低静压C1

点击编辑, 以勾选的第一台内机为模板, 弹出控制器选型窗口

当更改控制器完成之后控制器方案会更新到所有勾选的内机

点击取消或关闭窗口后, 批量编辑后的方案会刷新到配线页面



# 7.集中控制器选型

## 集中控制器选型界面

添加分组按钮

全局性开启配线图

集中控制器列表

集中控制器分组展示区域

外机系统列表

CE53-24/F(C)(obsoleted)

CE54-24/F(C)

CE52-24/F(C)

Max.System

Max.IDU

16

32

16

255

Group1

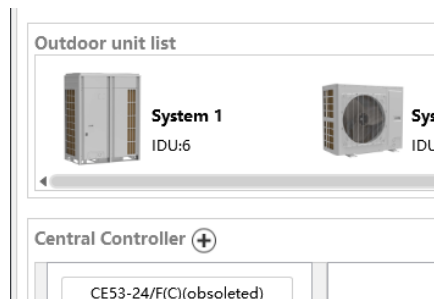
Connect external machine system

Drag in Controller

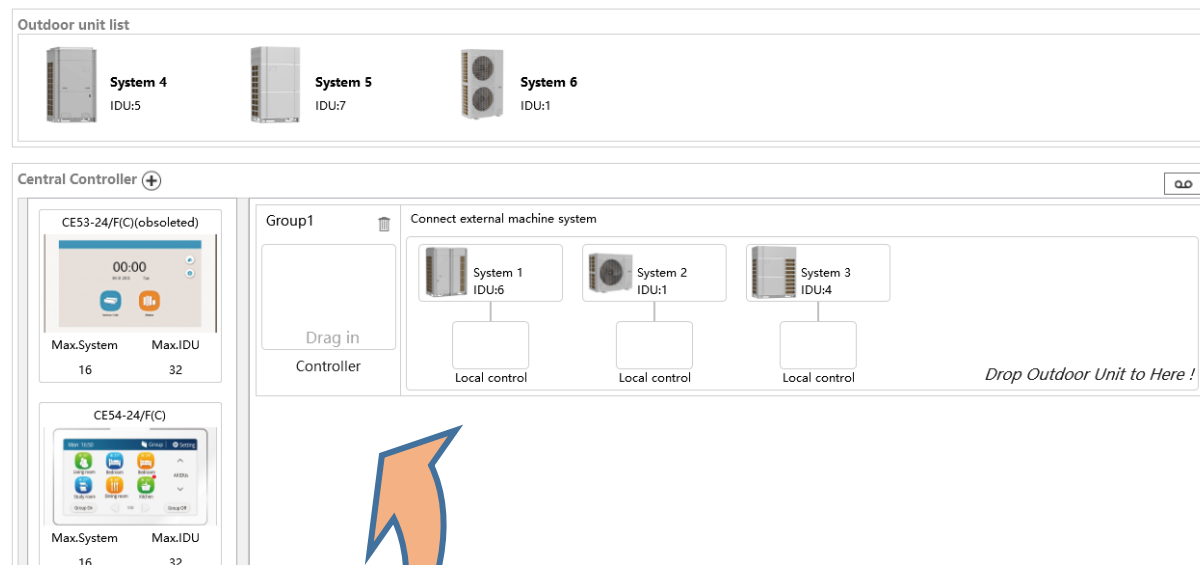
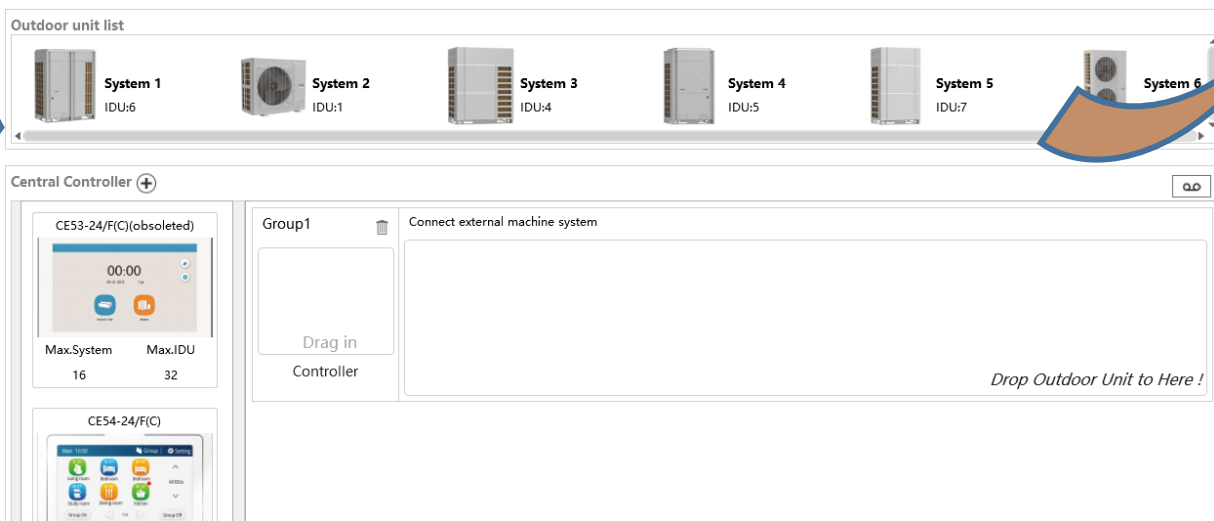
Drop Outdoor Unit to Here !

## 7.集中控制器选型

### 添加分组



点击添加分组按钮，就会在分组展示区添加一个新的分组



拖动外机系统到连接外机单元框内

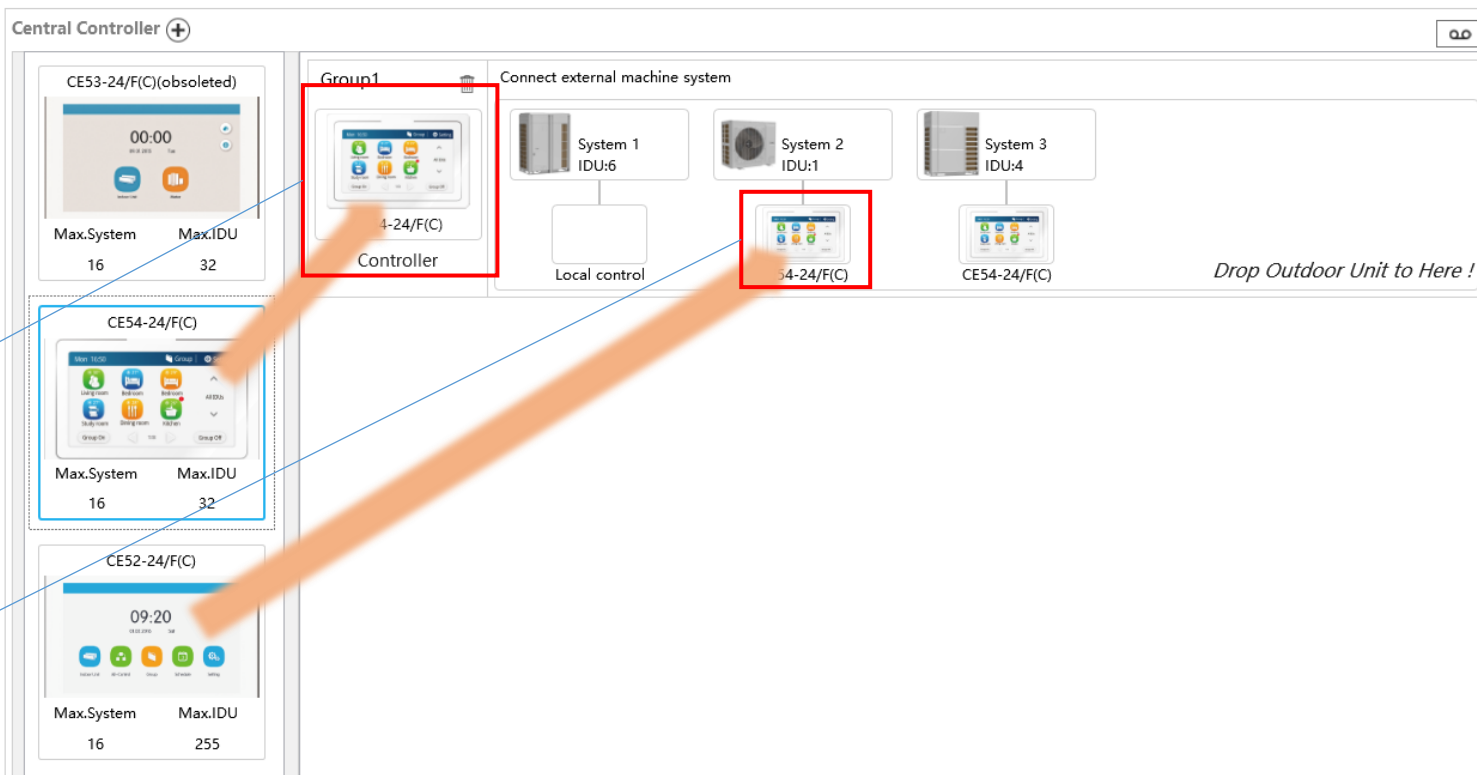
## 7.集中控制器选型

## 添加集中控制器

拖动集中控制器可以放置在两个位置

全局控制器  
(对组内所有的系统进行控制)

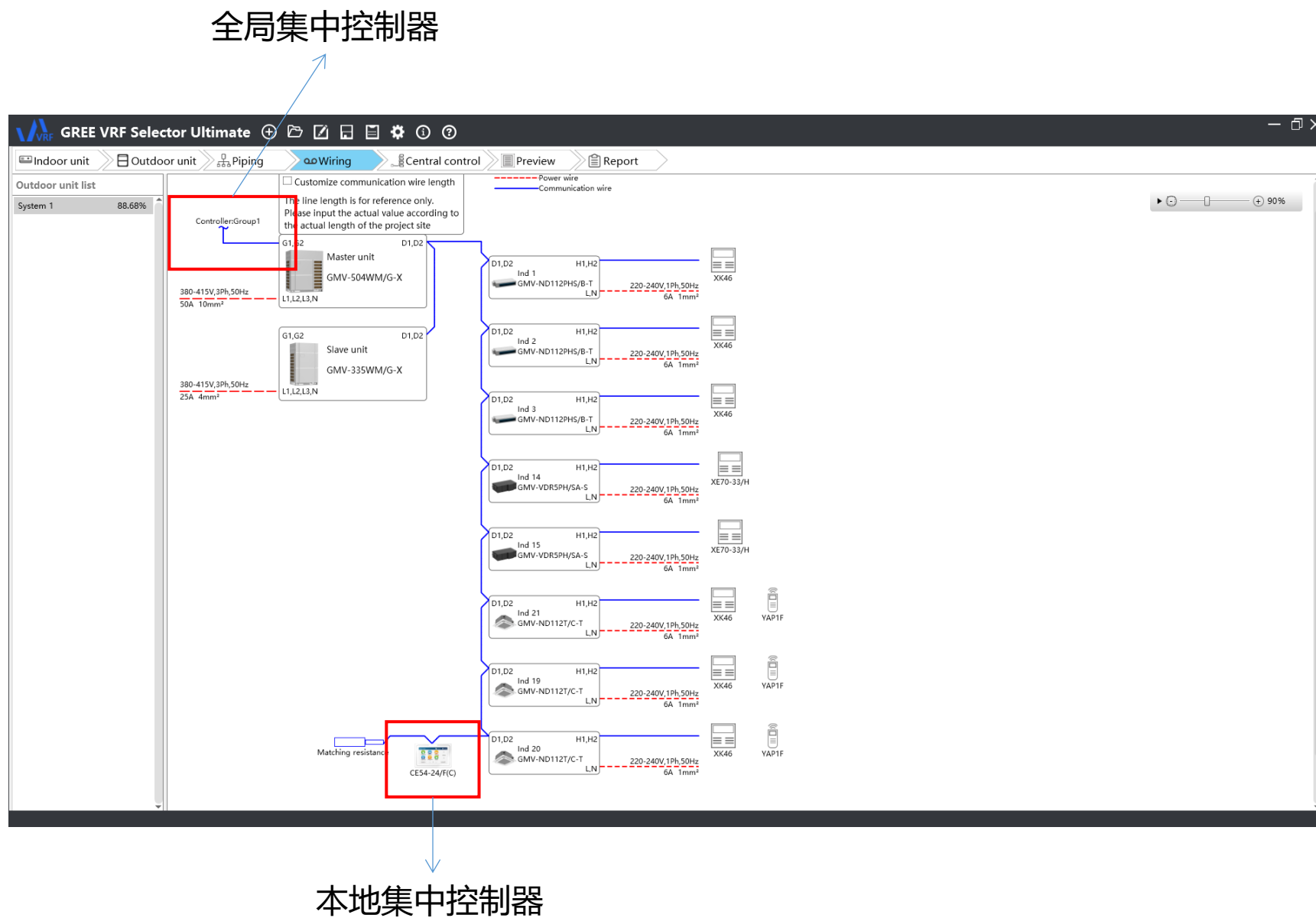
本地控制器  
(对单独的系统进行控制)



## 7.集中控制器选型

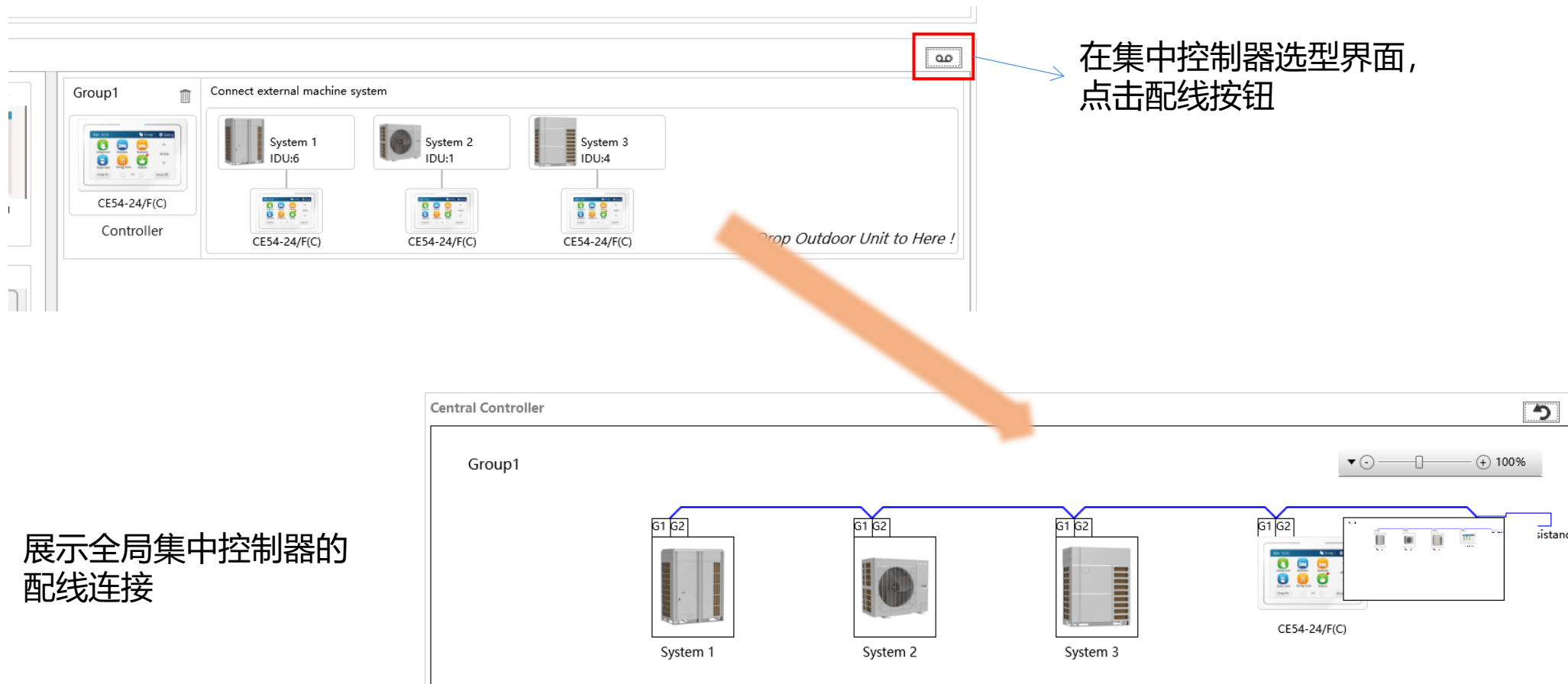
### 配线的变化

当集中控制器选型完毕后，通过导航栏切换回配线界面，软件会自动将集中控制器的配线连接到系统内部。



## 7.集中控制器选型

### 全局集中控制器配线连接



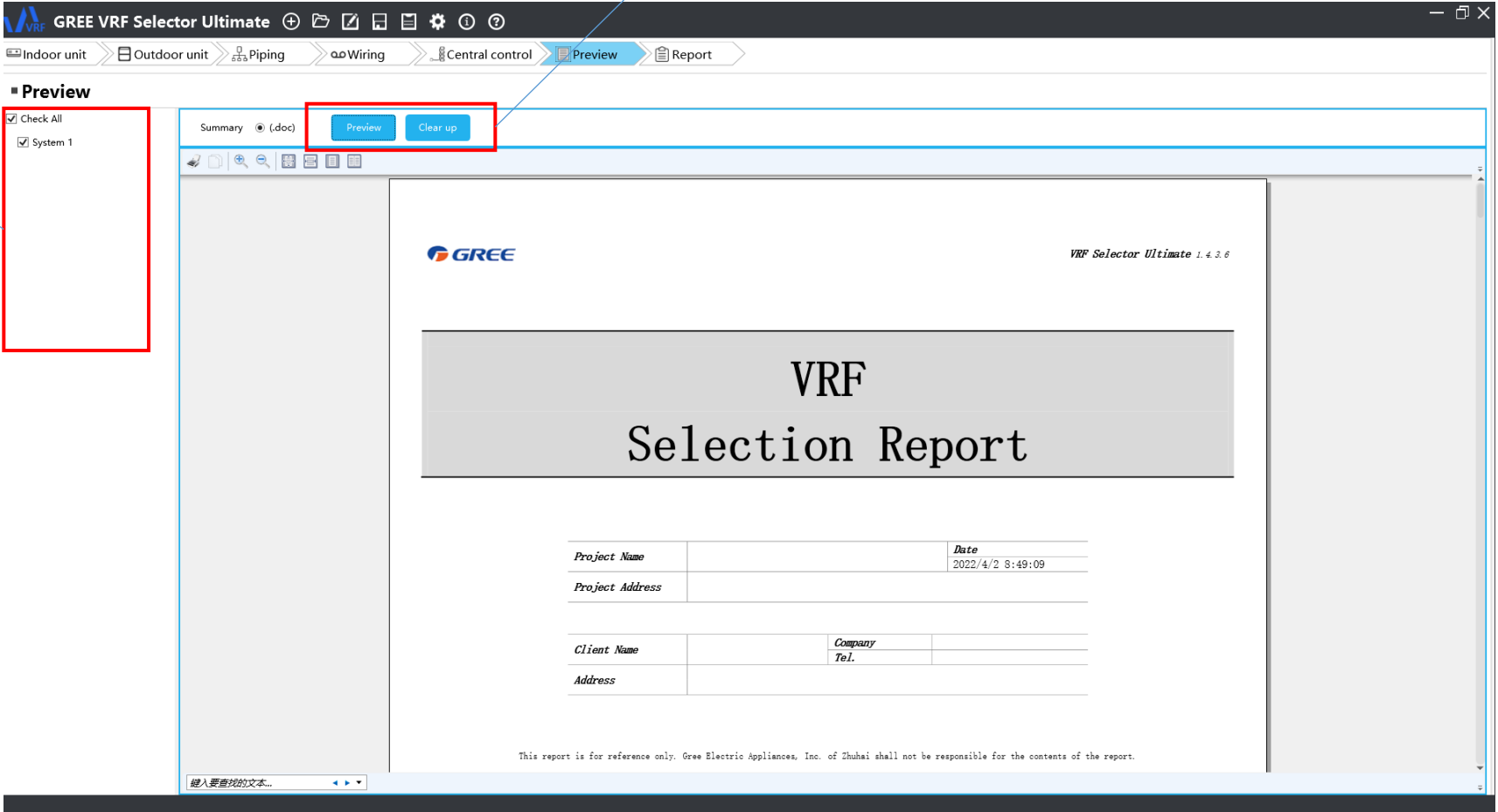
展示全局集中控制器的  
配线连接

8.报表导出

报表预览

点击预览，显示预览报告  
点击清除，清空预览报告

系统列表  
(勾选需要预览报表的系统)



## 8.报表导出

### 报表导出界面

系统列表  
(勾选需要导出报表的系统)

选择导出配管、配线连接图

导出Submittal  
(此功能暂开放北美区域)

选择导出路径

输入导出文件的名称

选择导出文件：  
1.概要文件  
2.参数表  
3.CAD工程图

Report

Check All

System 1

Path

Browser

Name

Export

Report forms information

Summary ☐ (.doc) ☐ (.xls)

Parameter ☒ (.doc) ☐ (.xls)

CAD ☐ (.dwg)

Picture Output

Piping Image ☐ (.jpg)

Wiring Image ☐ (.jpg)

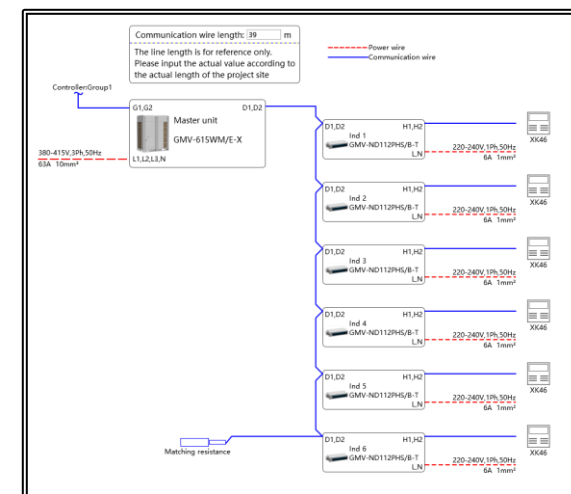
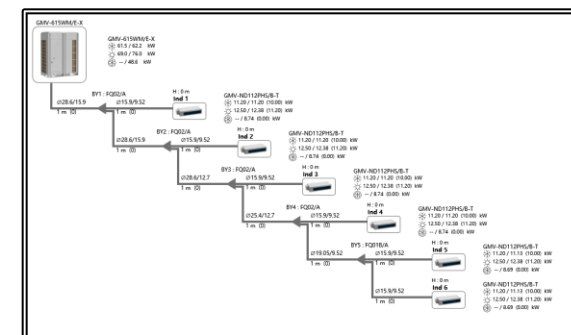
Export Submittal

Submittal ☐ (.pdf)

## 系统报告、参数表、配管连接图、配线连接图

## 参数表

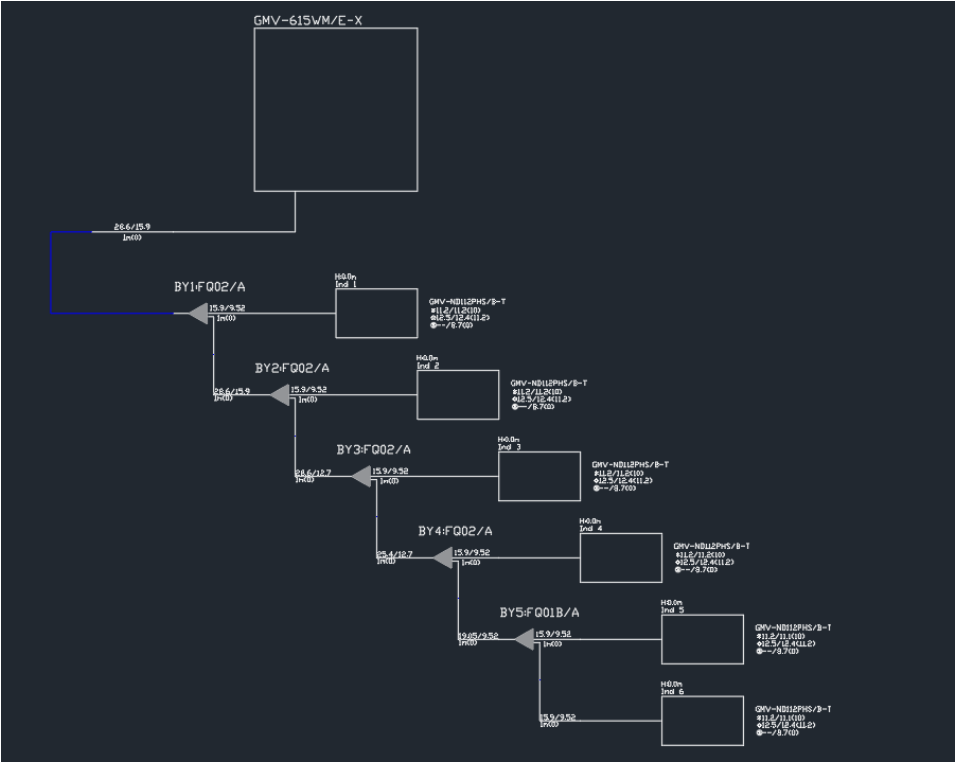
### 配线连接图



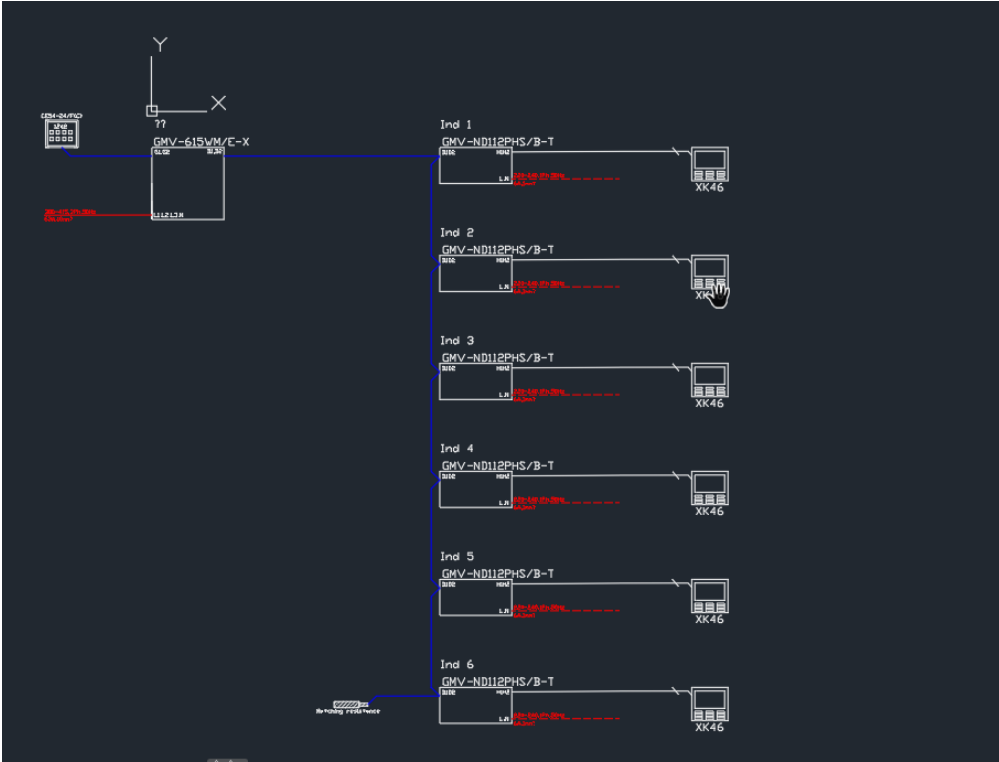
System 1_IDU_Specifications					
Item	Value	Unit			
Model	GMV-ND112PHS/B-T	-			
Series name		-			
Model designation		-			
Noise (sound pressure level) (high)	40	dB(A)			
Noise (sound pressure level) (medium)	38	dB(A)			
Noise (sound pressure level) (low)	36	dB(A)			
Rated voltage	220-240	V			
Rated frequency	50	Hz			
Phase	1	-			
Power cable (core)	3	N			
Circuit breaker capacity	6	A			
MOP	/	A			
MCA	/	A			
Consumed power	/	kW			
Refrigerant type	R410A	-			
Standard controller	XX46	-			
Optional controller	YAP1F/YV1L1/XX68/XX79	-			
Connection method	Flare Connection	-			
IDU loading quantity (40)	84	unit			

8.报表导出

CAD工程图



配管工程图



配线工程图

8. Report

Submittal报告

(此功能暂开放北美区域)

B:\Desktop\Submittal\_testtest001.zip

名称	类型	压缩大小
System 1	文件夹	
System 2	文件夹	
System 3	文件夹	
System 4	文件夹	

导出格式

GMV SUBMITTAL

GREE COMMERCIAL

208~230V Wall-Mounted-A3

Model:GMV-N12G/A3A-D(U)

Specifications	Unit	Parameter
<b>Model</b>		
GMV-N12G/A3A-D(U)		
<b>Performance</b>		
Rated Cooling Capacity	kBtu/h	12
Rated Heating Capacity	kBtu/h	13.5
Sound Pressure Level	dB(A)	38/41/44
<b>Electrical Data</b>		
Power Supply	Voltage, Phase, Hertz	208/230, 1, 60
Maximum Overcurrent Protection (MOP)	A	15
Minimum Circuit Amps (MCA)	A	1
<b>Fan</b>		
Type x Quantity	—	Cross-flow x1
Air Flow Volume	CFM	282/324/370
Fan Motor Running Current	A	0.21
Fan Motor Power Output	W	20
<b>Refrigerant Piping</b>		
Connection Pipe	Gas (mm/inch)	Φ12.7/1/2
	Liquid (mm/inch)	Φ6.35/Φ 1/4
Connection method	—	Flare Connection
Refrigerant	—	R410A
<b>Dimension/Weight</b>		
Dimensions (H×W×D)	mm/inch	298×940×200 (11-3/4×37×7-7/8)
Net Weight	kg/lbs	12.5/27.6
<b>Other</b>		
Safety Certification	—	ETL

Job Name:

Date:

System Reference No.:

Engineer Signature:

Specifications subject to change without prior notice. © Gree Electric Appliances, Inc. of Zhuhai

GMV SUBMITTAL

GREE COMMERCIAL

Outline and Physical Dimensions of GMV-N12G/A3A-D(U).

Item	W	H	D
Model			
GMV-N12G/A3A-D(U)	940(37)	298(11-3/4)	200(7-7/8)

The Installation of the Rear Panel

R410A

INVERTER

ETL

AHRI CERTIFIED

GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI  
Add: No. 4 Jijia Rd., Qianwan, Zhuhai, Guangdong, China, 519025  
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GREE COMMERCIAL

Unit:mm(in.)

Submittal