

Hisense Selection Software

Version 2.0.0



**Thank you for using Hisense Selection Software.
This manual contains notes of correct use of the software.
Be sure to read this manual carefully before using.
Keep this manual at hand for easy reference.**

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1. Introduction

1.1 Software Statement

This software is special for Hisense International Co., Ltd. It's mainly for projects of air conditioning designing assistants and bid demonstration.

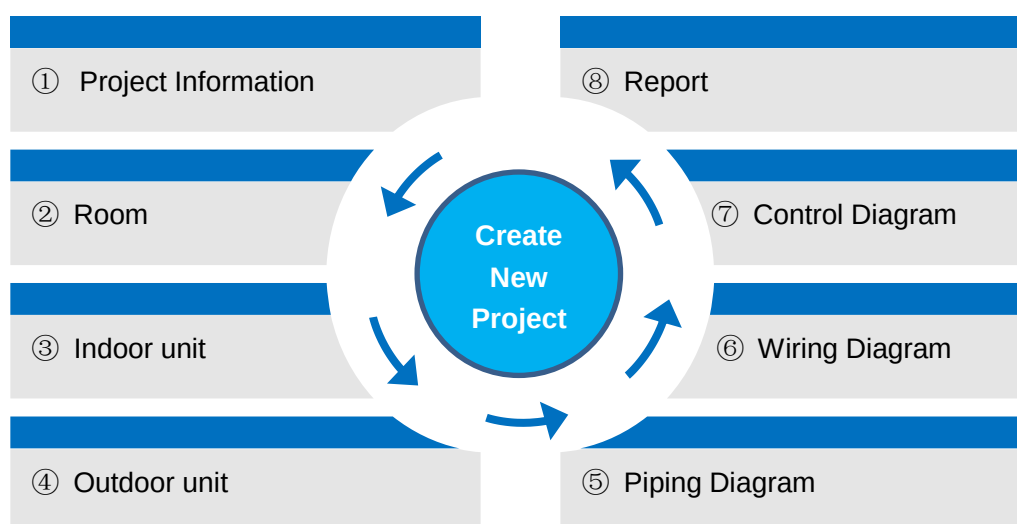
1.2 Introduction of the software

This software supports Multi-languages makes project designing and air conditioning selection easily.

You can do the following things with this software:

- 1, To create a project model and input the general information.
- 2, To select the indoor unit and outdoor unit and match them together.
- 3, To draw piping diagram and wiring diagram for each system.
- 4, To draw a diagram of central control, or to draw a diagram of BMS control.
- 5, After finishing your project, you can either save your project as a project-file (.hsn) or make report files (.rtf, .pdf, excel or DXF file).
- 6, This software can automatically generate statistic report of all kinds of materials.

Steps to create a new project as follows:



(1) Input project information—

To create a new project, you should set some parameters of your project before your selection.

(2) Add rooms --- If necessary, you can input the data of room here, such as

name, type, area, unit load, designed load and indoor units, etc. Or you can skip this step and input the name of room directly when you select indoor units.

(3) Add indoor units --- to select the models of indoor units being used in

the project. And you can also set controller, indoor temperature, and drop with outdoor units at the same time.

- (4) Add outdoor units --- to choose the models of outdoor units being used in the project, to set the connections of indoor units and outdoor units and to set the max capacity combination between indoor and outdoor units.
- (5) Draw piping diagrams --- to draw the corresponding piping diagrams for each system. It can also choose the branch pipes, gas/liquid pipes and gather pipes automatically. If it is necessary, you can input the length of all kinds of pipes and compute the corrected capacity;

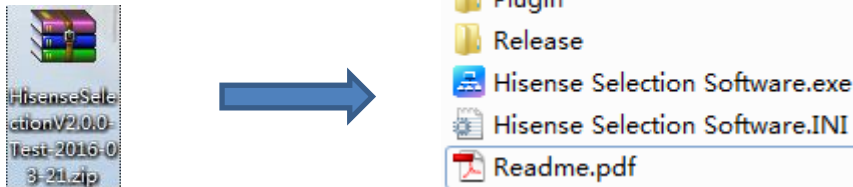
- (6) Draw wiring diagrams --- to draw the corresponding wiring diagrams for outdoor units respectively. You can also set the model of indoor unit's controller (including wired control, wireless control and group control) and input the length of all kinds of cables.
- (7) Draw a central control diagram--- to draw a central-controller diagram or a BMS control diagram for current project
- (8) Generate reports --- you can choose the contents of reports based on your needs, then the system can compute and output all kinds of reports forms.

You can skip step1-2-3-4, into **piping diagram directly**, the selection of IDU, ODU and Room are **all included in this step**.

2. How to Use this Software

2.1 Run the software

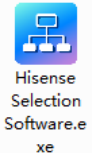
This software is a free install version. You can get it from Email or download it from the Hisense Website.

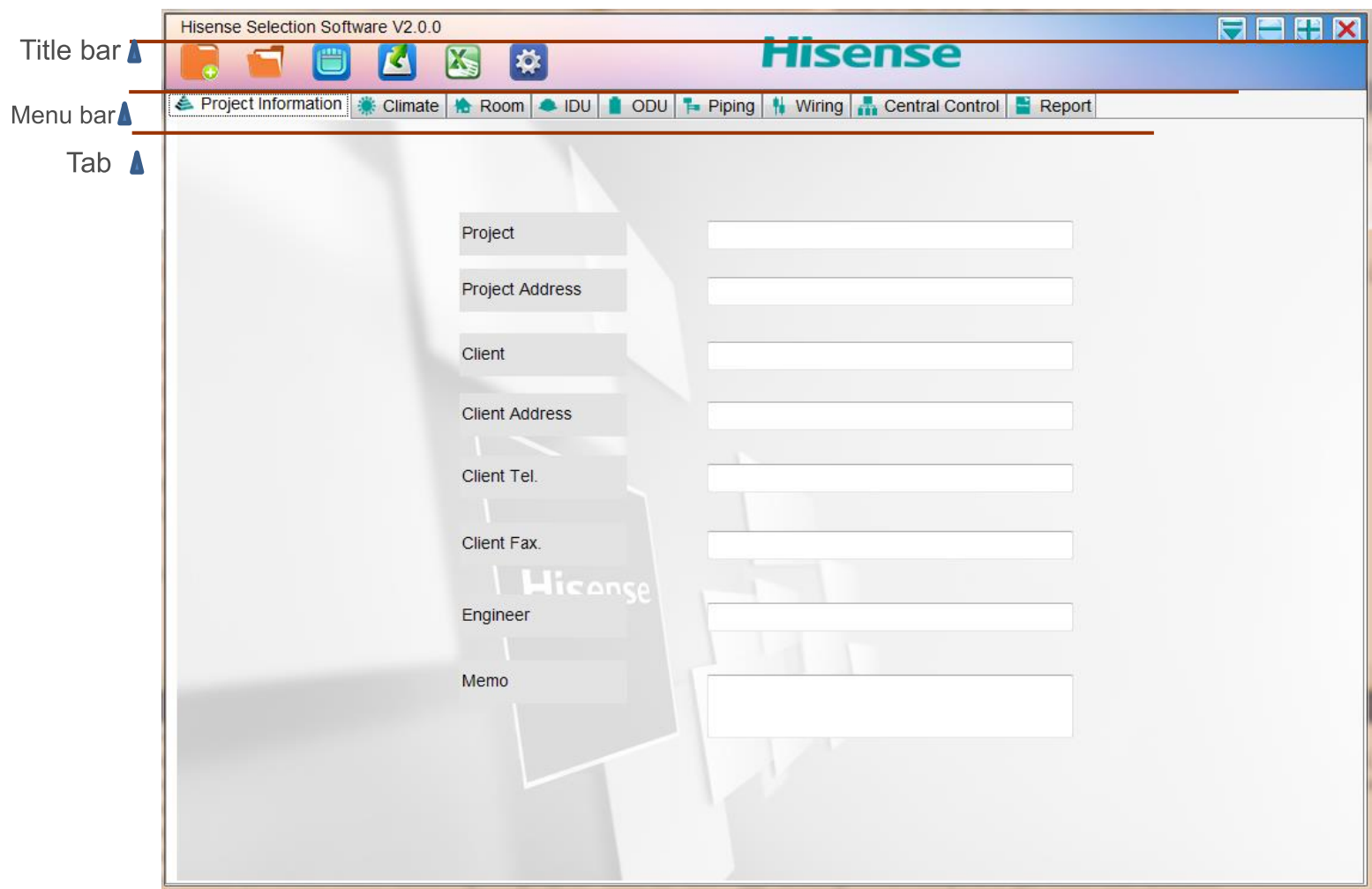


Once the software has been downloaded in your computer, double-click the file to extract the software.

- Plugin --- necessary framework for this Selection Software
(You may need to install framework by yourself when this software fails to install it automatically. And you can find it in this folder.)
- “release”--- executable program folder
- “Hisense Selection Software.exe”--- click it to start the software
- “Readme.pdf”---this document, Operation Manual for this software

2.2 Work interface

Double click , you will be into this work interface.

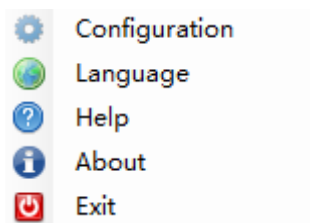


2.2.1 Title bar

It is located on the top of the interface. It shows the current software's name and version.

There are four buttons on the right of title bar

 Open the main menu:



- "Configuration" --- set unit, prices (input & output), name prefix and

other (the storage path of the project report, you can set a new path or use the path provided by the system to save your project.)

- Language—adjust language
- "Help" --- open this operation manual
- "About" --- related information about the version of this software
- Exit—close this software

 Minimize window

 Maximize window

 Close this window

2.2.2 Menu bar



Create a new project



Open an existing project



Save current project



Save current project as another name or path



Input or output project information by Excel file.



The same as Title Bar configuration.



Add one by another window



Copy the selected data



Cancel or reset



Sort all the equipment

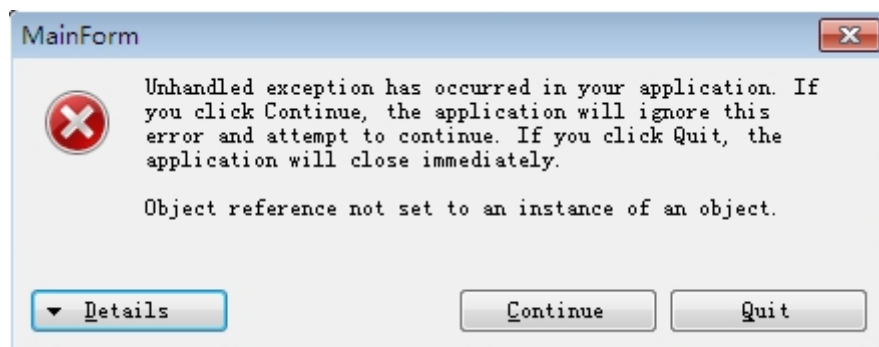


Delete the selected data

This software is characterized by the usual function buttons in the Menu Bar. They are arranged differently in quantity and order in different tab interfaces. What's more, when you put your mouse on the button, it will suggest you the main functions of the present interface.

2.3 Before start the new project

- You are strongly recommended to **config this software before first running**. You can set language, equipment price, unit and default project saving path.
- You need to restart the software again to update the program data after configuration.
- **When there is an error in the software as follow, don't save the project**. Just close the software and reload the last saved project(when you save your project data by click the button in menu bar, this software will save another project file in "TempSaved") and try another way, if you can not solve the problem please contact Hisense for help(catch screen, and send it with project file to Hisense).



2.3.1 Config the software

2.3.1.1 Set language

1 Main menu



2 Languages



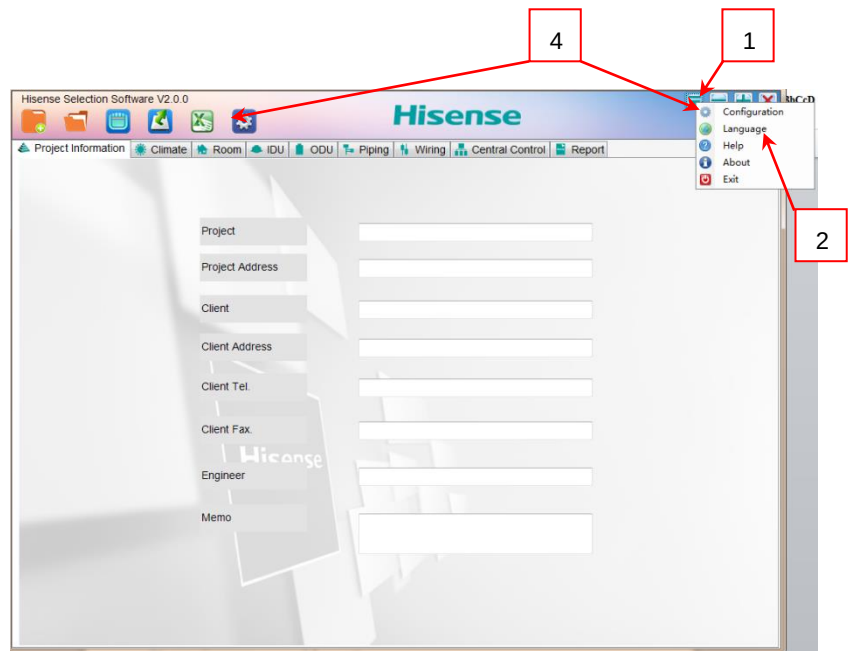
3 Set languages

2.3.1.2 Configuration

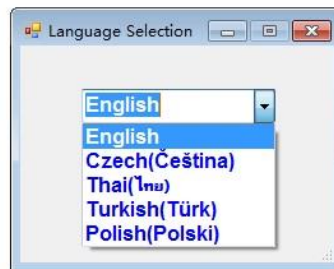
1 Main menu

4 Configurations

5 Preset units



3



5



Input the equipment price

6 Price

7 Input the price unit

8 Input the price here

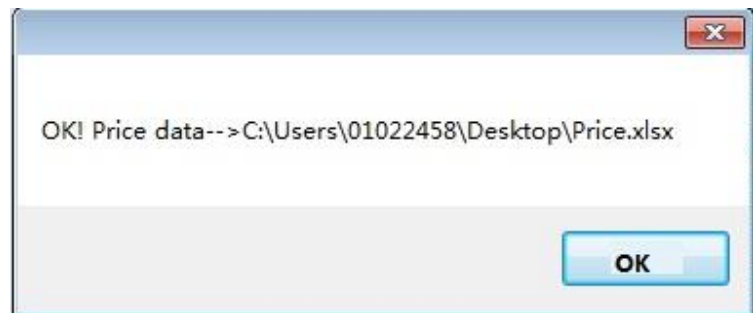
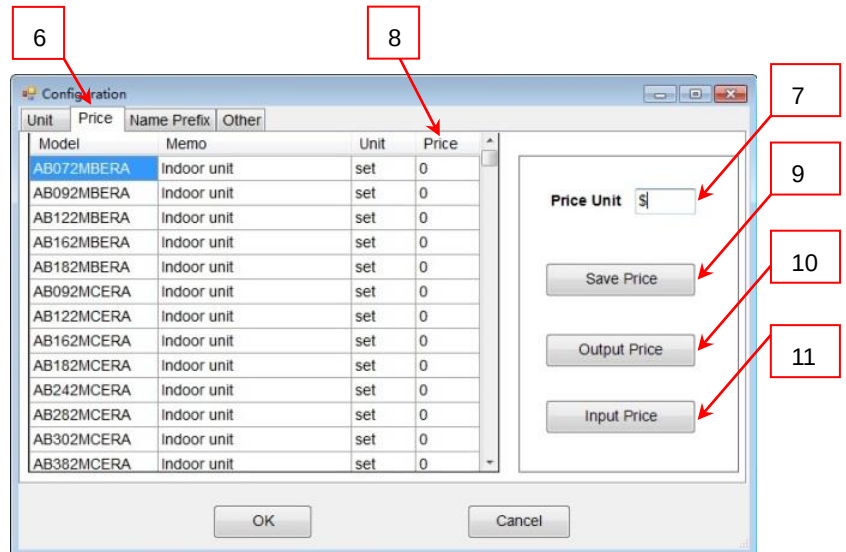
9 Save Price

10 Output the price

You will get an Excel files.
You can modify the price
in this Excel files and then
input it to the software.

11 Input Price

Input price table to the
software



Set Prefix name

12 Name Prefix

13 Other

Preset project storage path

14 AHU

Input the basic information of the AHU equipment and save them for piping diagram and IDU selection.

15 Input AHU parameter

16 Cancel data update

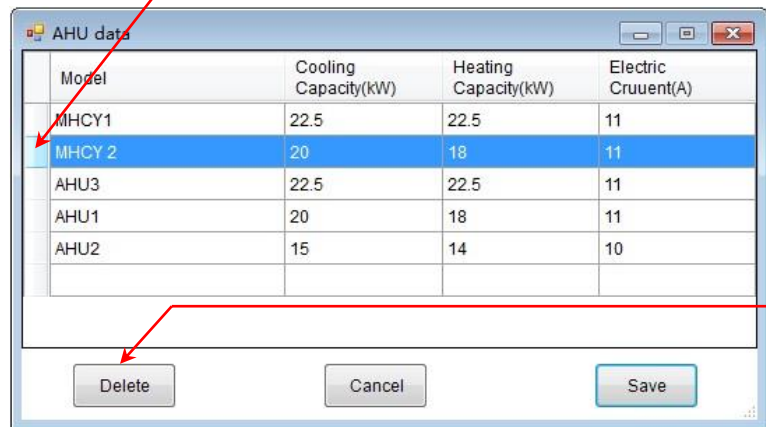
17 Save the data update

Model	Cooling Capacity(kW)	Heating Capacity(kW)	Electric Cruurent(A)
MHCY1	22.5	22.5	11
MHCY 2	20	18	11
AHU3	22.5	22.5	11
AHU1	20	18	11
AHU2	15	14	10

Delete AHU information

18 Click here to select
AHU device

19 Delete the selected
data



2.4 Project information & Climate

1 Project Information

Input the General Information of project

2 Climate

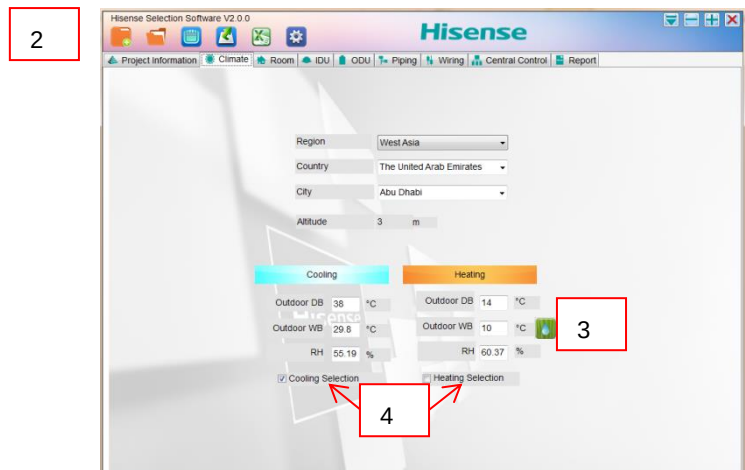
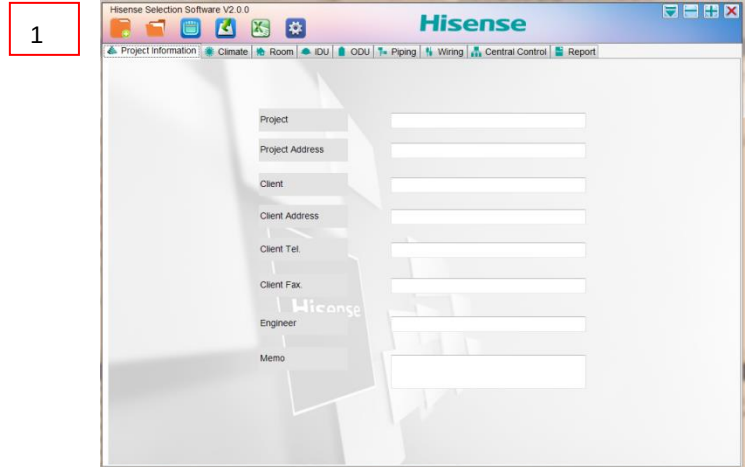
According to your project to choose or input the country & city & Temperature.

3 Refresh Outdoor Temperature

You can change Outdoor temperature as you need. Then refresh all the outdoor temperature in current project for calculating corrected capacity.

4 Selection Type

Set the condition of selection.



2.5 Adding room information

Clicking  **Room** tag, enter room interface.

Highly flexible functions make it easier to create a room in the new version. The necessary data in the present project are listed in the table as shown in the following operating interface, the same as IDU, ODU, Piping, Wiring and Central Control.

1 Add new room

Open the detail of room interface to input room's data, or you can input room's data directly in the table.

2 Room name

Default name is prefix name(RM).

3 Room Number

Whole name of room is name+(number)

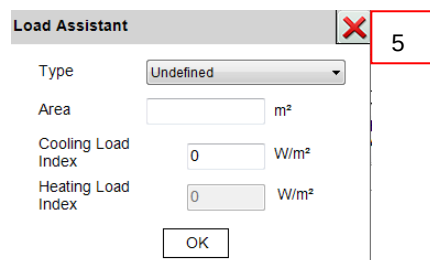
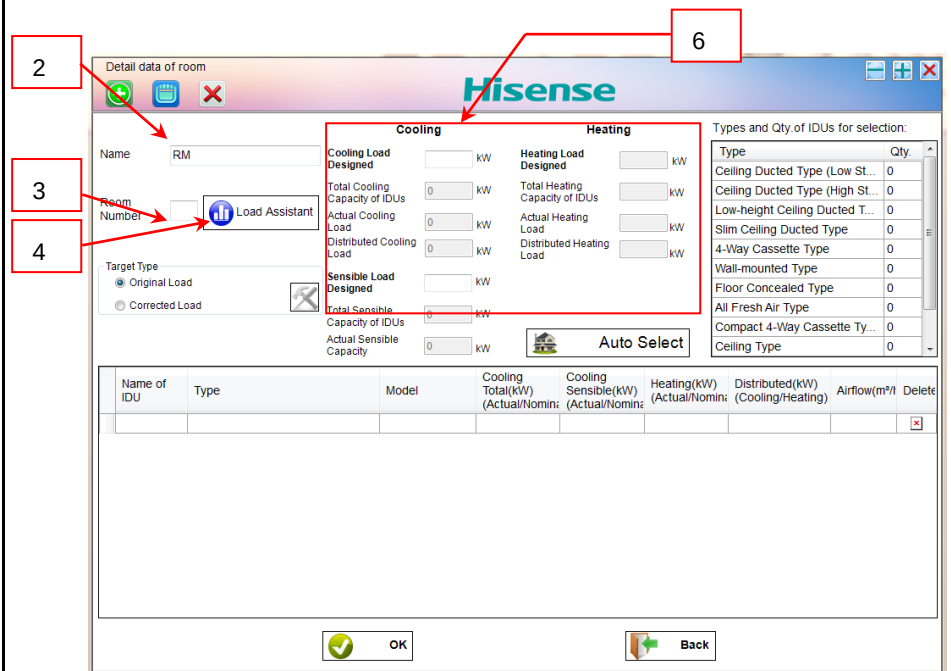
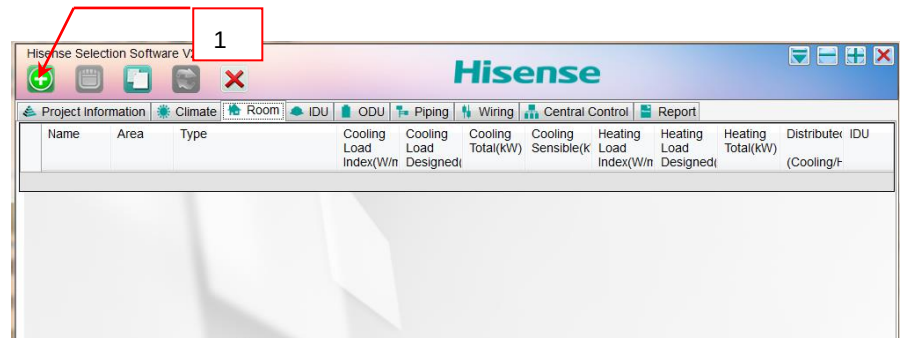
4 Load Assistant

Click here to open a new window (5) to select type of room for load index.

6 Set room parameter

.Set the designed load of current room(included cooling total,sensible, heating); if you want to use corrected capacity to select IDUs, press "Corrected

Load" and then click 



7 Select indoor units

Clicking “Qty.” column, the suggested number will be shown. This is based on designed load. You can also change the qty to meet project needs.

8 Auto Select

Auto select suitable indoor units for current room, you can edit them (Name, Type, Model) manually in the list.

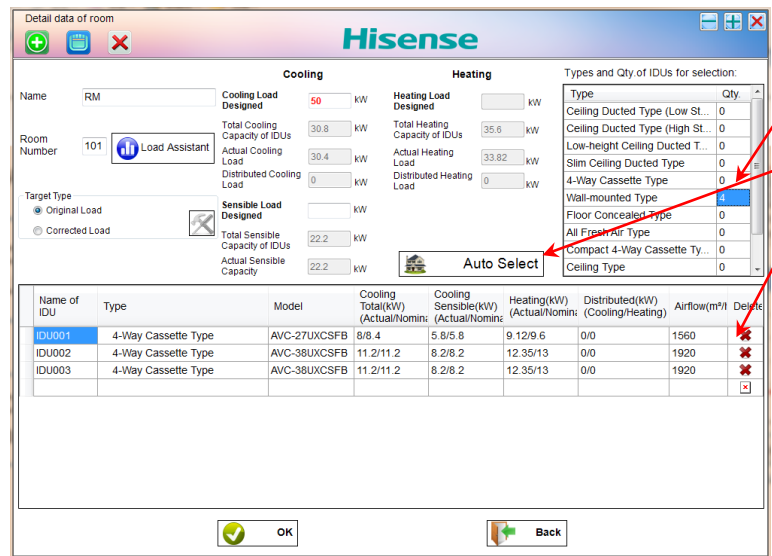
9 Save room data

After saving data you keep

10 Delete IDUs

in this interface and you can input another room data.

You can delete the selected IDUs by click this button.



Detail data of room

Hisense

Name: RM Room Number: 101 Load Assistant

Target Type: Original Load Corrected Load

Cooling Load Designed: 50 kW

Heating Load Designed: 35.6 kW

Total Cooling Capacity of IDUs: 30.8 kW

Total Heating Capacity of IDUs: 35.6 kW

Actual Cooling Load: 30.4 kW

Actual Heating Load: 33.82 kW

Distributed Cooling Load: 0 kW

Distributed Heating Load: 0 kW

Sensible Load Designed: 22.2 kW

Total Sensible Capacity of IDUs: 22.2 kW

Actual Sensible Capacity: 22.2 kW

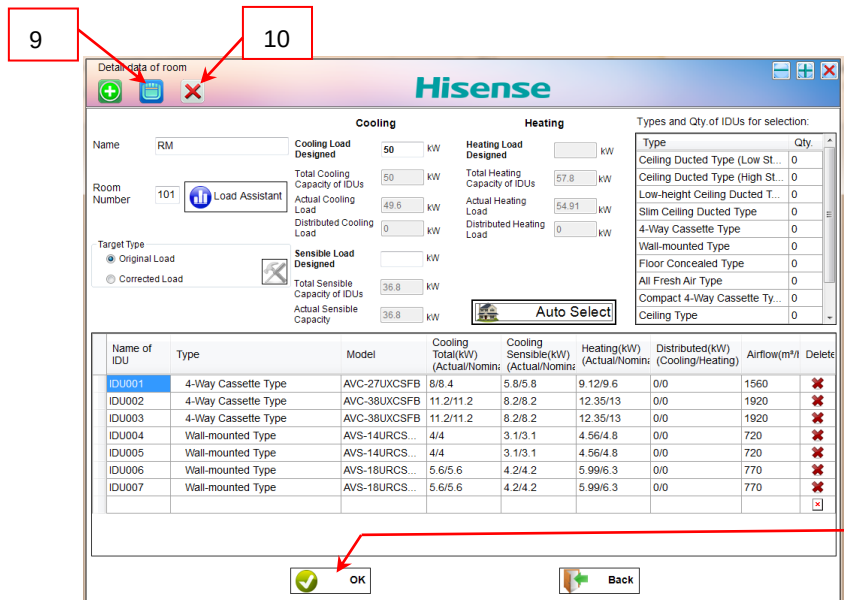
Types and Qty of IDUs for selection:

Type	Qty
Ceiling Ducted Type (Low St...	0
Ceiling Ducted Type (High St...	0
Low-height Ceiling Ducted T...	0
Slim Ceiling Ducted Type	0
4-Way Cassette Type	0
Wall-mounted Type	0
Floor Concealed Type	0
All Fresh Air Type	0
Compact 4-Way Cassette Ty...	0
Ceiling Type	0

Name of IDU	Type	Model	Cooling Total(kW)	Cooling Sensible(kW)	Heating(kW)	Distributed(kW)	Airflow(m³/h)	Delete
IDU001	4-Way Cassette Type	AVC-27UXCSFB	8/8.4	5.8/5.8	9.12/9.6	0/0	1560	
IDU002	4-Way Cassette Type	AVC-38UXCSFB	11.2/11.2	8.2/8.2	12.35/13	0/0	1920	
IDU003	4-Way Cassette Type	AVC-38UXCSFB	11.2/11.2	8.2/8.2	12.35/13	0/0	1920	

Auto Select

OK Back



Detail data of room

Hisense

Name: RM Room Number: 101 Load Assistant

Target Type: Original Load Corrected Load

Cooling Load Designed: 50 kW

Heating Load Designed: 57.8 kW

Total Cooling Capacity of IDUs: 50 kW

Total Heating Capacity of IDUs: 57.8 kW

Actual Cooling Load: 49.6 kW

Actual Heating Load: 54.91 kW

Distributed Cooling Load: 0 kW

Distributed Heating Load: 0 kW

Sensible Load Designed: 36.8 kW

Total Sensible Capacity of IDUs: 36.8 kW

Actual Sensible Capacity: 36.8 kW

Types and Qty of IDUs for selection:

Type	Qty
Ceiling Ducted Type (Low St...	0
Ceiling Ducted Type (High St...	0
Low-height Ceiling Ducted T...	0
Slim Ceiling Ducted Type	0
4-Way Cassette Type	0
Wall-mounted Type	0
Floor Concealed Type	0
All Fresh Air Type	0
Compact 4-Way Cassette Ty...	0
Ceiling Type	0

Name of IDU	Type	Model	Cooling Total(kW)	Cooling Sensible(kW)	Heating(kW)	Distributed(kW)	Airflow(m³/h)	Delete
IDU001	4-Way Cassette Type	AVC-27UXCSFB	8/8.4	5.8/5.8	9.12/9.6	0/0	1560	
IDU002	4-Way Cassette Type	AVC-38UXCSFB	11.2/11.2	8.2/8.2	12.35/13	0/0	1920	
IDU003	4-Way Cassette Type	AVC-38UXCSFB	11.2/11.2	8.2/8.2	12.35/13	0/0	1920	
IDU004	Wall-mounted Type	AVS-14URCS...	4/4	3.1/3.1	4.56/4.8	0/0	720	
IDU005	Wall-mounted Type	AVS-14URCS...	4/4	3.1/3.1	4.56/4.8	0/0	720	
IDU006	Wall-mounted Type	AVS-18URCS...	5.6/5.6	4.2/4.2	5.99/6.3	0/0	770	
IDU007	Wall-mounted Type	AVS-18URCS...	5.6/5.6	4.2/4.2	5.99/6.3	0/0	770	

Auto Select

OK Back

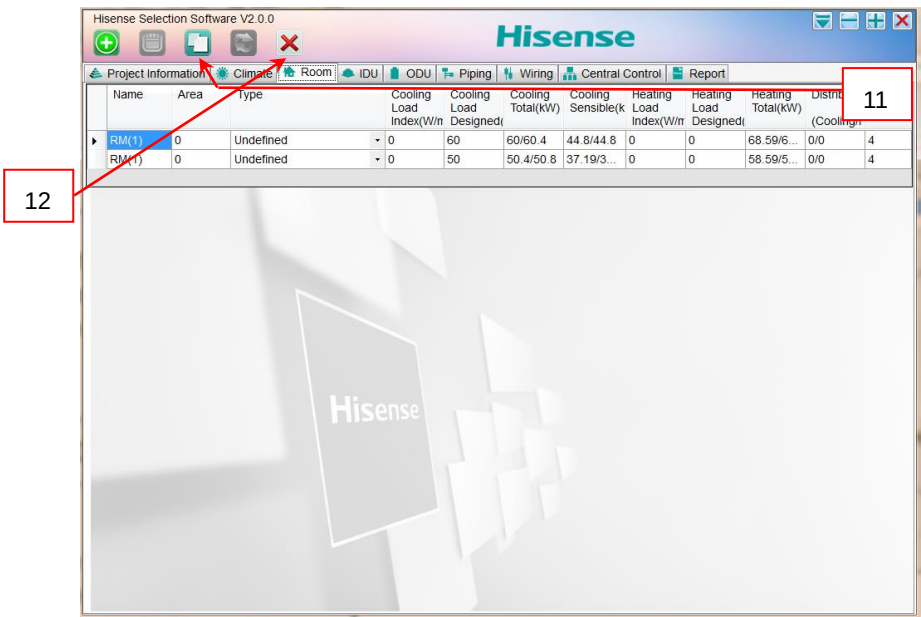
11 Copy the room data

Copy the selected rooms and generate new rooms with all the previous input data.

12 Delete the room data

Delete the selected room. You can select rooms by click the left margin of table, and then

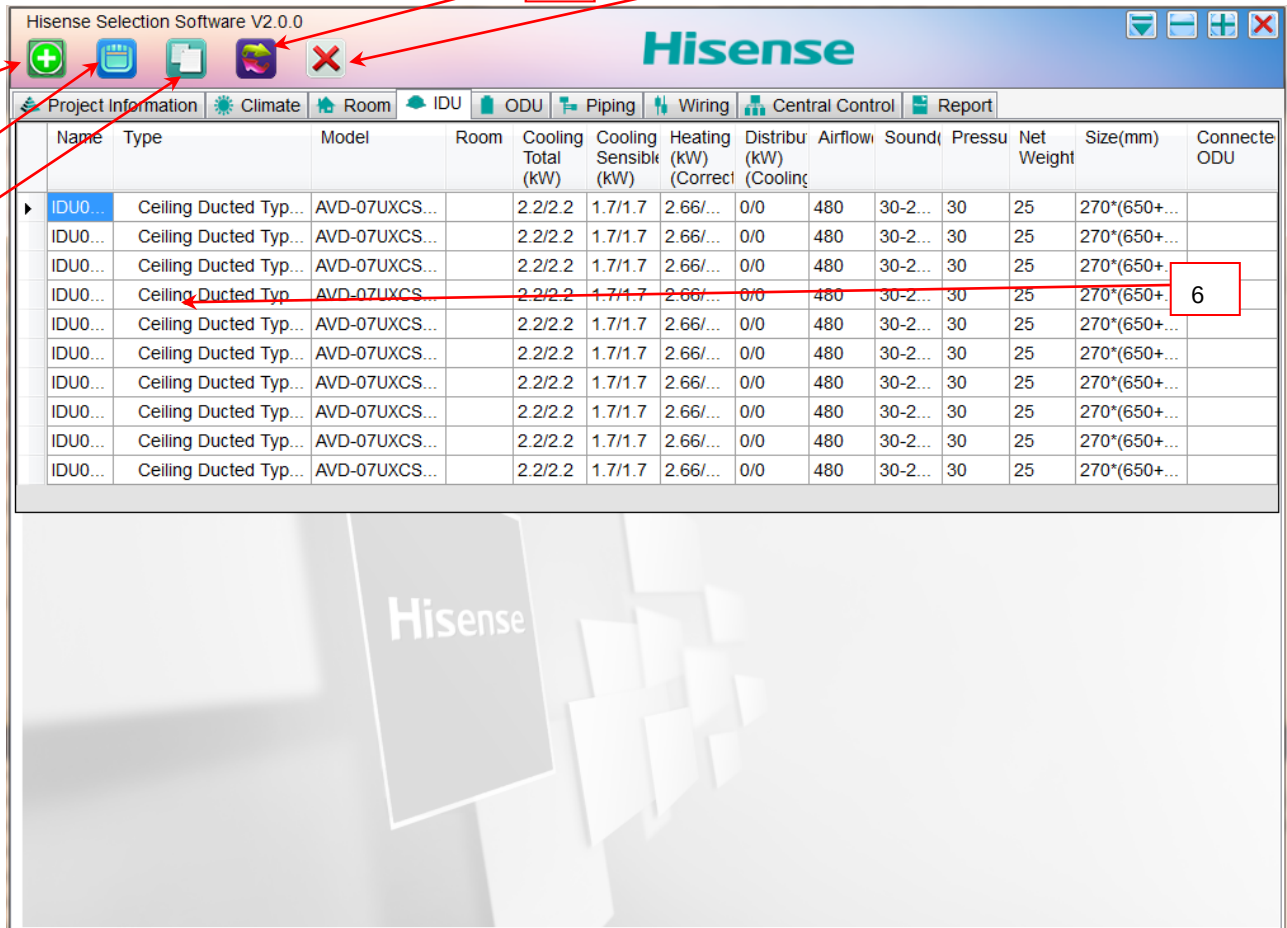
click 



2.6 Adding indoor units

Clicking  IDU tag, enter indoor units interface.

All added indoor unit's information is listed in the work zoon table. You can input & edit the indoor unit's data here



1  Add new indoor unit

Open the detail of room interface to add a new indoor unit's data.

2  Save current IDU data

After changing any data in the working zoon, you need to save it into the project file.

3  Copy the IDU data

Copy the selected indoor unit and generate a new one with all the previous input data.

4  Cancel all updating

Return to the last saved data

5  Delete the IDU data

Delete the selected indoor unit's data.

6 View & Edit indoor units

Detail data of IDU interface.

You can modify family, model, Controller, and Drop with ODU etc.

You can rename or reset room's name here or in the table of IDU interface mentioned above.

Detail data of IDU

Name: IDU001

Family: Ceiling Ducted Type (Low Static Press)

Model: AVD-07UXCSAL

Qty: 1

Room Name:

Controller: Height and Drop

Wired Control: HYXE-A01H

Wireless Control:

Drop: 0 m

Parameter:

Cooling Total	2.2	kW
Cooling Sensible	1.7	kW
Heating Capacity	2.8	kW
Airflow	480	m³/h
Sound	30-26-24	dB(A)
Net Weight	25	Kg
Pressure	30	Pa
Size	270*(650+75)*720	mm

Model List:

- Ceiling Ducted Type (Low Static Press)
- Ceiling Ducted Type (High Static Press)
- Low-height Ceiling Ducted Type
- Slim Ceiling Ducted Type
- 4-Way Cassette Type
- Wall-mounted Type
- Floor Concealed Type
- All Fresh Air Type
- Compact 4-Way Cassette Type
- Ceiling Type
- New Wall Type
- AHU Type

AVD-07UXCSAL

AVD-09UXCSAL

AVD-12UXCSAL

AVD-14UXCSAL

AVD-17UXCSBL

AVD-18UXCSBL

AVD-22UXCSBL

AVD-24UXCSBL

AVD-27UXCSCL

AVD-30UXCSCL

AVD-38UXCSCL

AVD-48UXCSDL

AVD-54UXCSDL

AVD-76UX6SEL

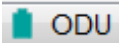
AVD-96UX6SFL

You can click detail button to check the selected indoor unit's parameter.

And then click to save the data

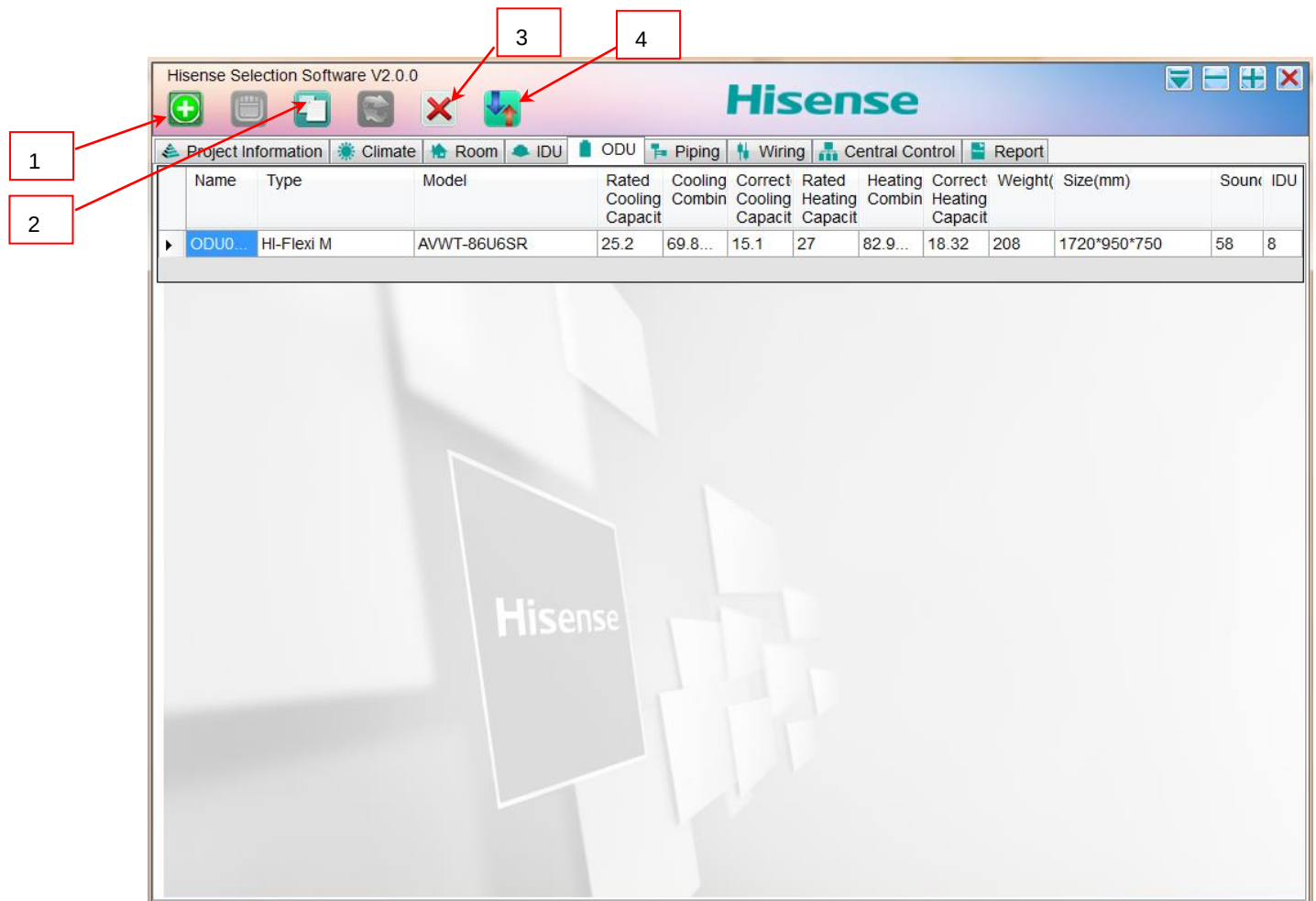
If you finish the indoor selection click to close this window and return to the indoor units interface

2.7 Adding outdoor units

Clicking  tag, enter outdoor units interface.

All added outdoor unit's information is listed in the work zoon table. You can only view the outdoor unit's data here.

But you can click  to open detail data of ODU interface to add/view/edit a new outdoor unit's data.



1  Add new outdoor unit

Open the detail data of ODU interface to add a new outdoor unit's data.

2  Copy the ODU data

Copy the selected ODUs to generate new ODUs with all the previous input data.

3  Delete the ODU data

Delete the selected outdoor unit's data.

4  Recode indoor unit

Sort all the indoor units according to every outdoor system and recode them.

Detail data of ODU interface.

You can modify name, type, model etc.

1 Add new outdoor unit

Add a new outdoor unit's data.

2 Save current ODU data

3 Cancel all updating

Return to the last saved data

4 Recommended max combination

5 Outdoor unit's photo

6 Detail of selected outdoor unit

You can click " Detail" to check more information about outdoor units.

7 Indoor unit list areas

After set the basic ODU information(Type) the available IDUs are listed in here. Drag IDU from "Available IDUs" to "Connected to current ODU", the suitable ODU will be shown in the page automatically based on the value of Max Combination.

9 Prompt bar

There will show the errors detail.
You can find the error position which is marked by red background on the interface.

2.8 Piping Diagram

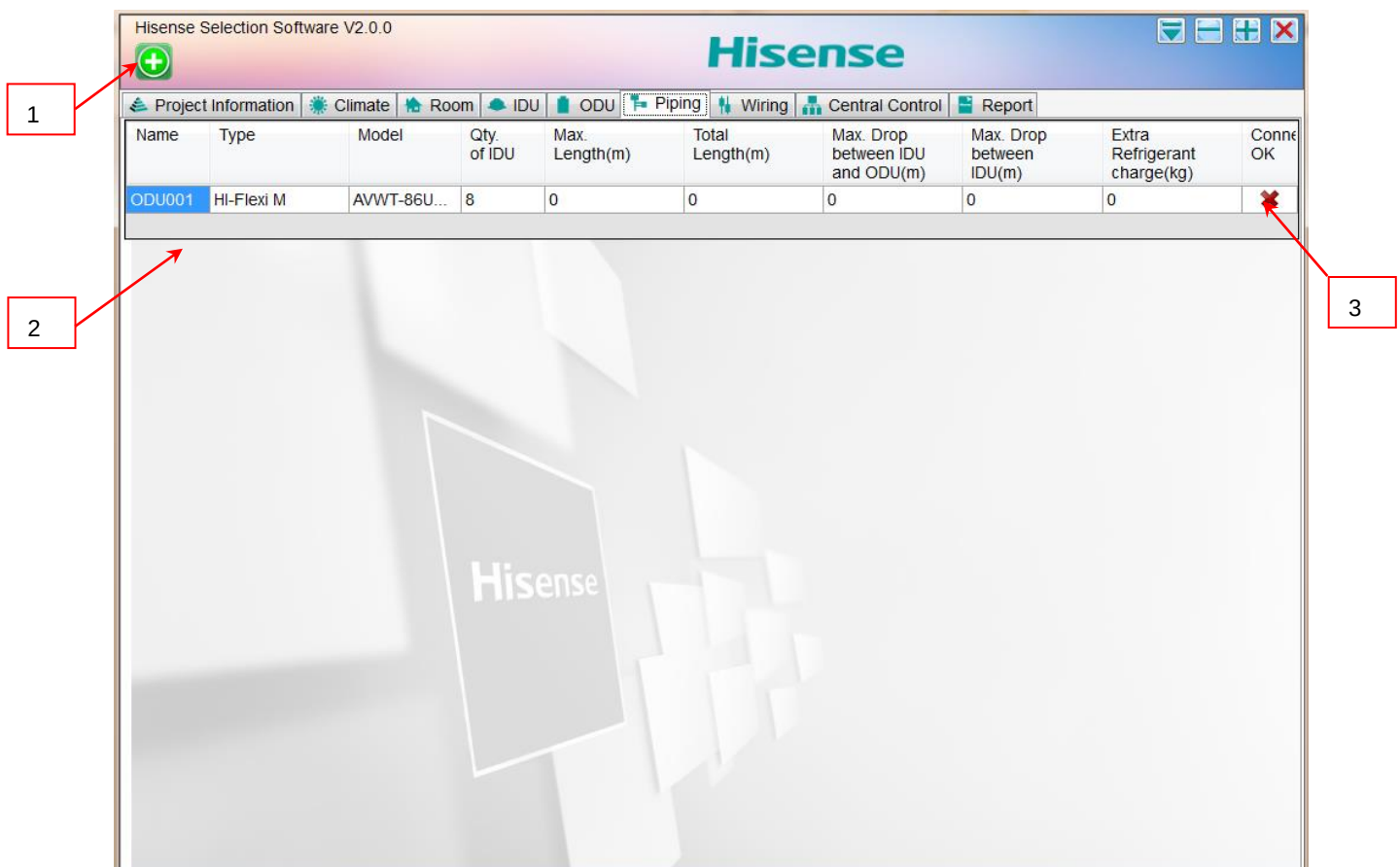
Clicking  Piping tag, enter piping-diagram list interface.

There are three methods to add a piping-diagram.

(1), When you complete the connection of IDUs and ODUs, there will show the outdoor system information in the work zoon. Double clicking the “ODU001” row, enter piping-diagram interface to do the piping work. In this way, you can draw piping graph automatically or manually.

(2), The second way is to click , enter new piping-diagram interface directly.

You can do the piping work together with model selection and matching of the indoor and outdoor units.

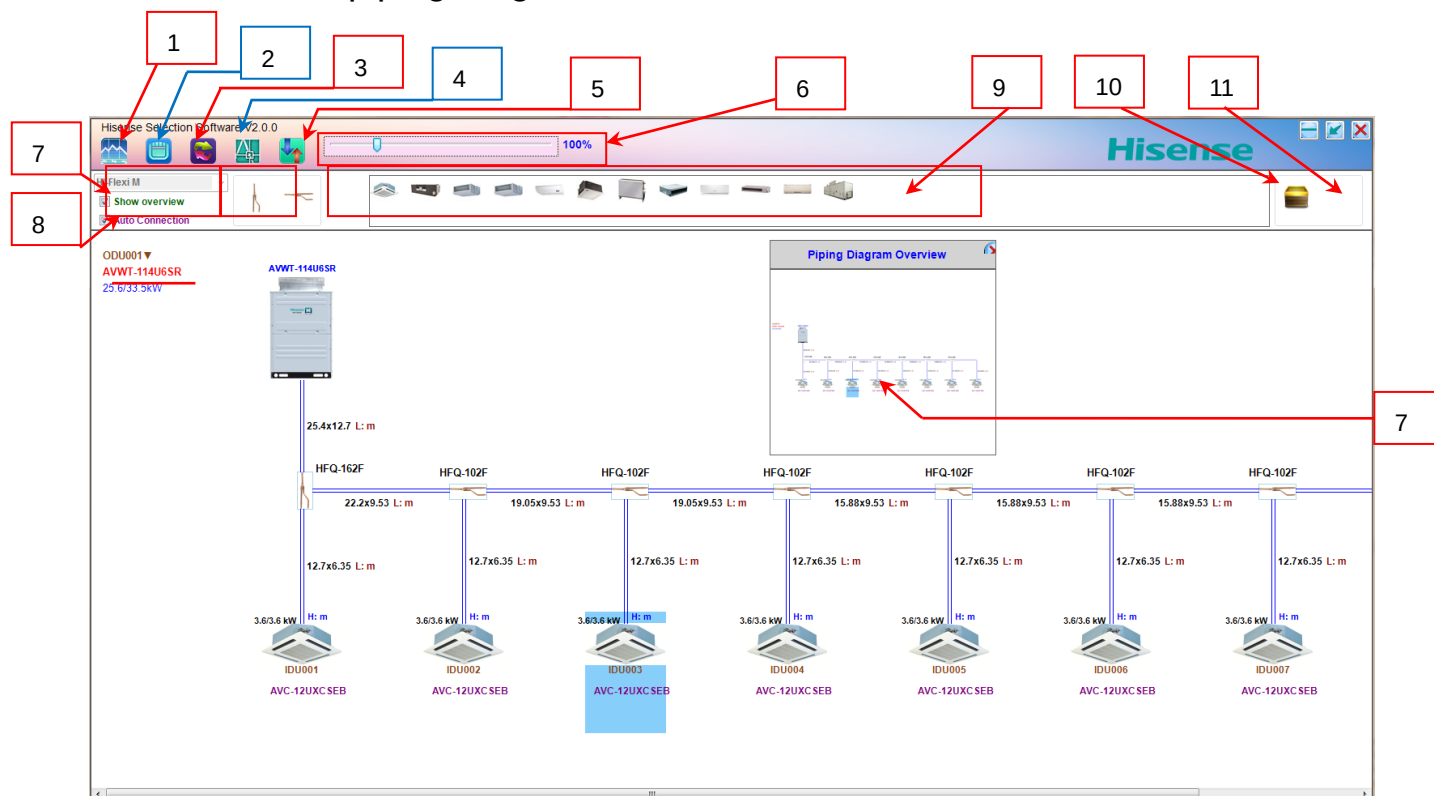


1  Add new piping-diagram directly.

2 Work zoon show the piping work list

3 Show the status of piping work: OK  Not OK 

Detail data of piping-diagram interface.

1 Checking Piping work

Check current piping diagram.

2 Save current Piping data3 Reset Piping

Reset current piping diagram

4 Export DXF file

Generate DXF file of current piping diagram

5 Recode indoor unit

Sort all the indoor units according to this piping work and recode them.

6 Zoom in & out

7 Show current Piping Diagram overview

Tick "show overview" will show the Piping Diagram Overview.

If the current Piping diagram is so large or complicated, it cannot be shown in the interface completely then you can see the full diagram in the overview.

8 Auto Connection

9 Indoor unit list

10 Temporary Save

11 Delete Area (used in second way of draw piping)

Mouse Action

-  Click left button
-  Click right button
-  Double click left button
-  Hold left button and move

Let's do a piping work to explain how this software works.

1 IDU20

Click equipment in the work zone to select this equipment

2 Shift + IDU18

Select IDU20, IDU19, IDU18 three indoor units as a group.

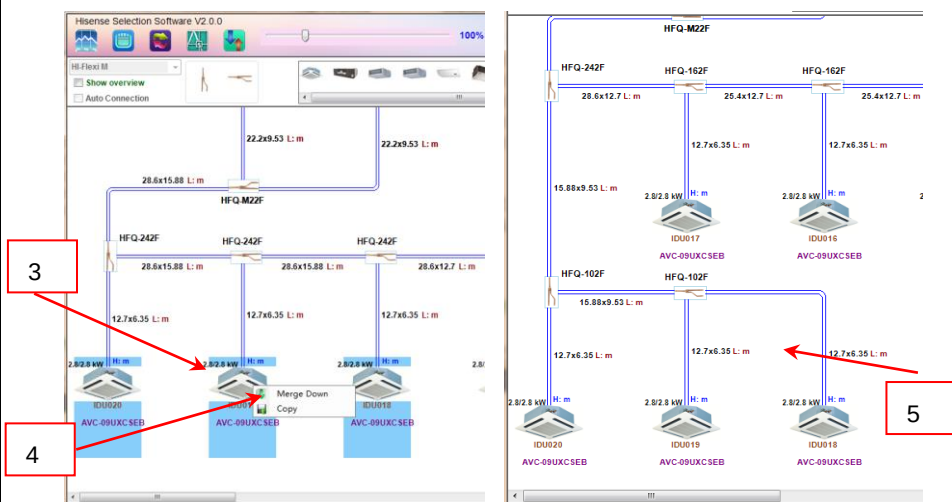
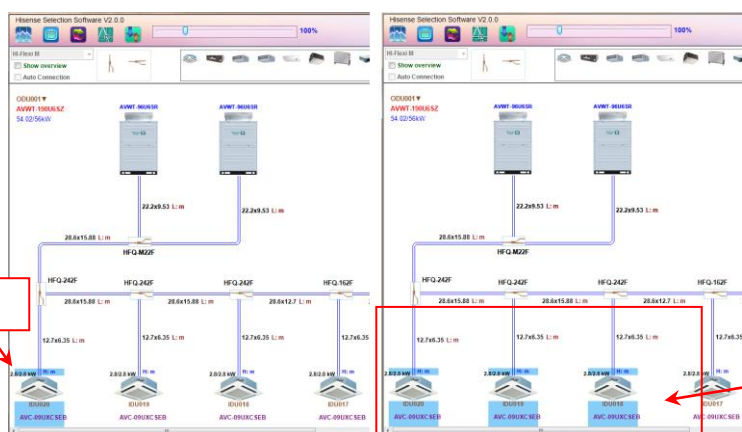
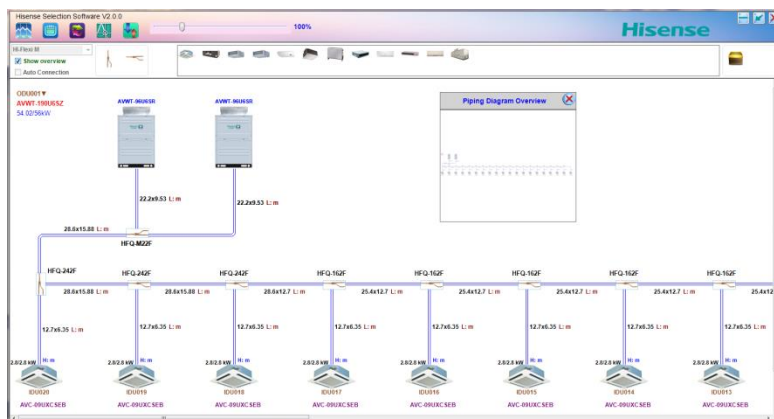
3 selected indoor group

There will show menu item

4 Merge Down

5 Show the piping change

Using “” to connect selected indoor group with original piping system



Use the same way to connect the pipe as show in Piping Diagram Overview

6 Branch

Select all the indoor units which connected to this branch

7 Branch and move to

Put all indoor units to temporary save areas

8 “” and move to

Add a “” branch.

9 “” and move to

Add a “” branch.

10 “” and move to

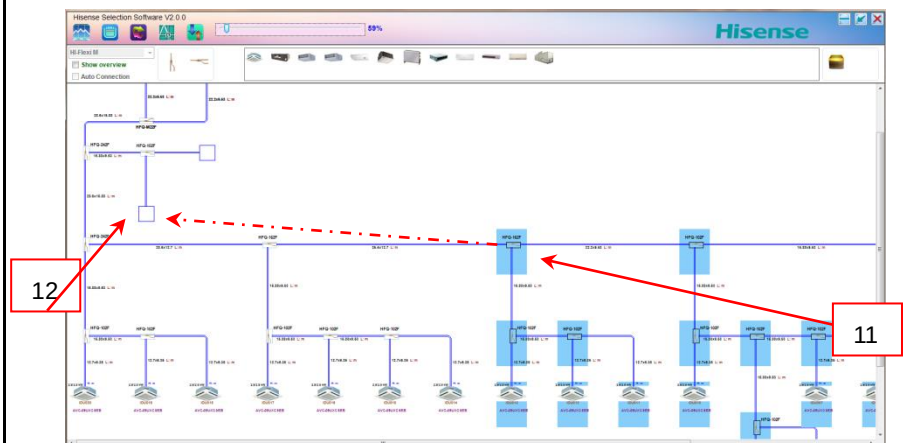
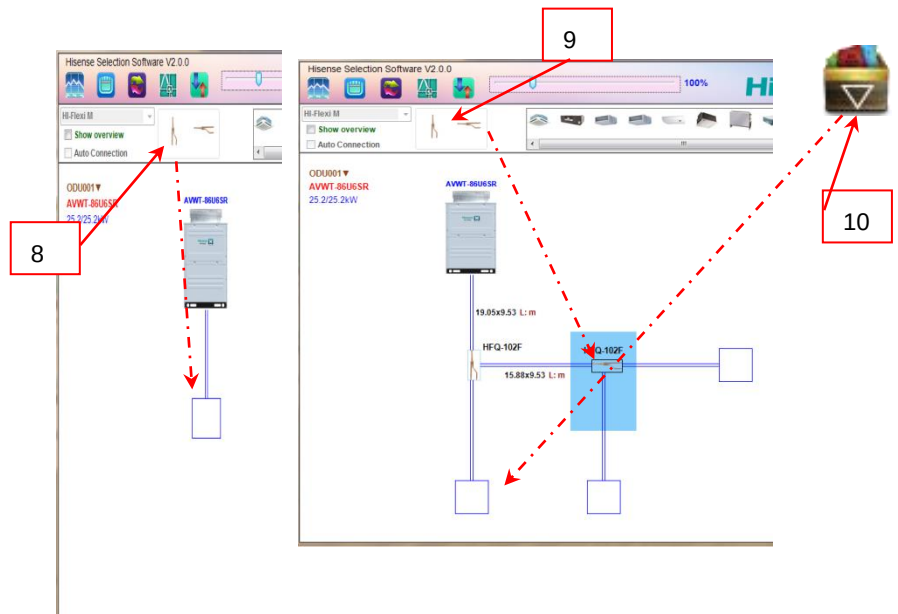
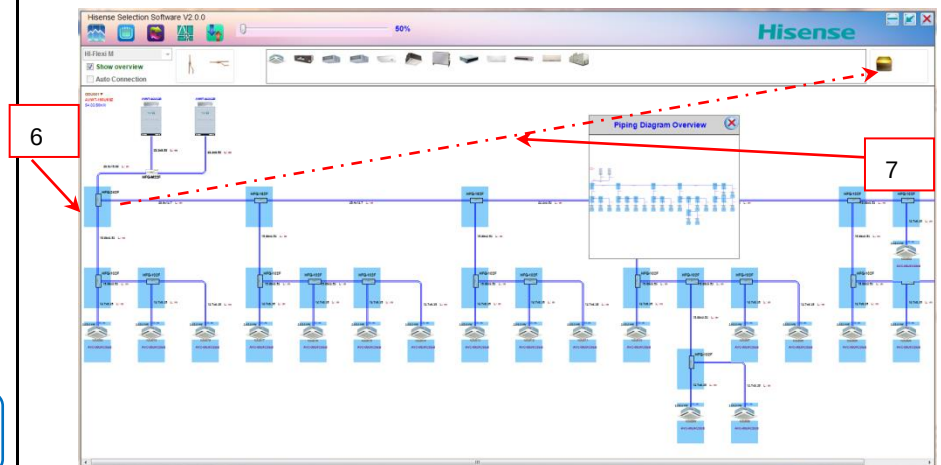
Put all indoor units from temporary save areas to work zoon.

11 Branch

Click branch to select all indoor units that connect to this branch.

12 branch and move to

Put selected indoor units to specific location.



13&14  Double click 

“Detail data of IDU” interface will popup. You can select indoor unit. OR you can add IDU to  by dragging IDU's picture from the Indoor-list.

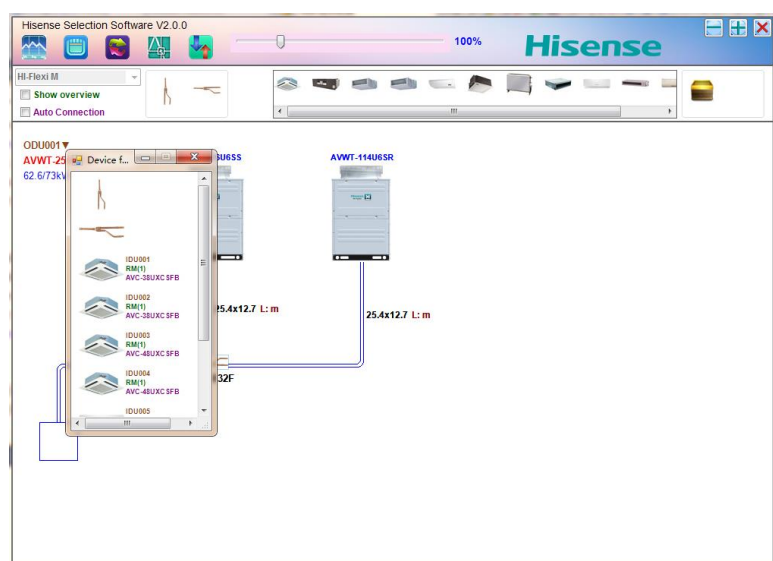
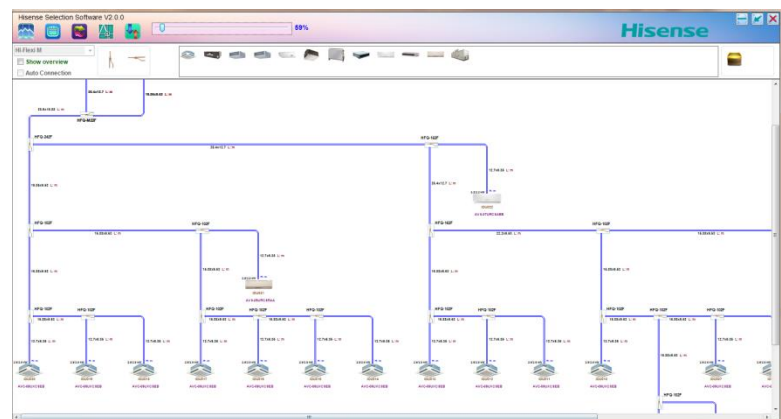
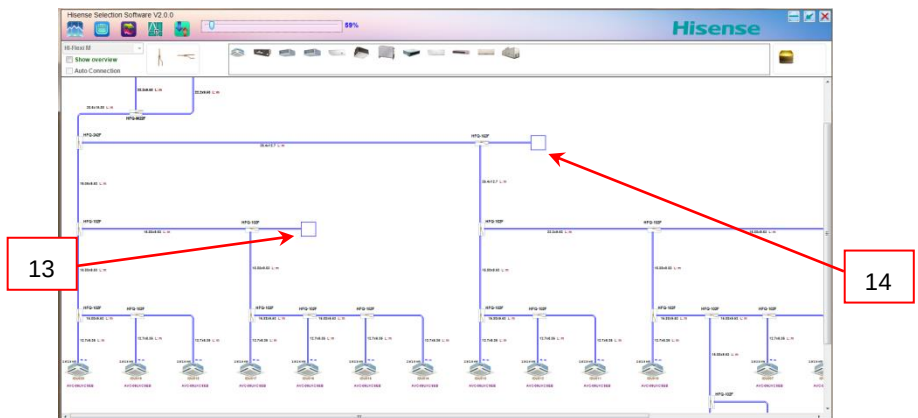
 “H: m” input drop data
 “-” IDU lower than ODU
 “+” IDU higher than ODU

 pipe to input length
 There have different allowable pipe length and drop according to different outdoor system

  check pipe error

  save it

If you don't tip “Auto Connection”, you can see the interface as right. Then   , a window with branch and IDUs will pop up, then  the branch or IDU to select it for this connection.



The Second Drawing Mode:

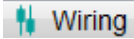
This is a more direct way to draw piping diagram without selecting IDUs and ODUs.

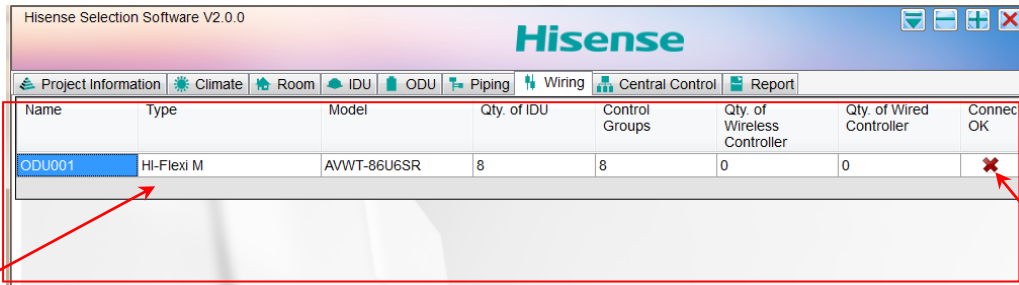
1   open new pipe work

2  Select system

3   ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  , ,

2.9 Wiring

Clicking  tag, enter wiring-diagram list interface. Please draw piping diagram first before you try to draw wiring diagram.



Name	Type	Model	Qty. of IDU	Control Groups	Qty. of Wireless Controller	Qty. of Wired Controller	Connect OK
ODU001	HI-Flexi M	AVWT-86U6SR	8	8	0	0	

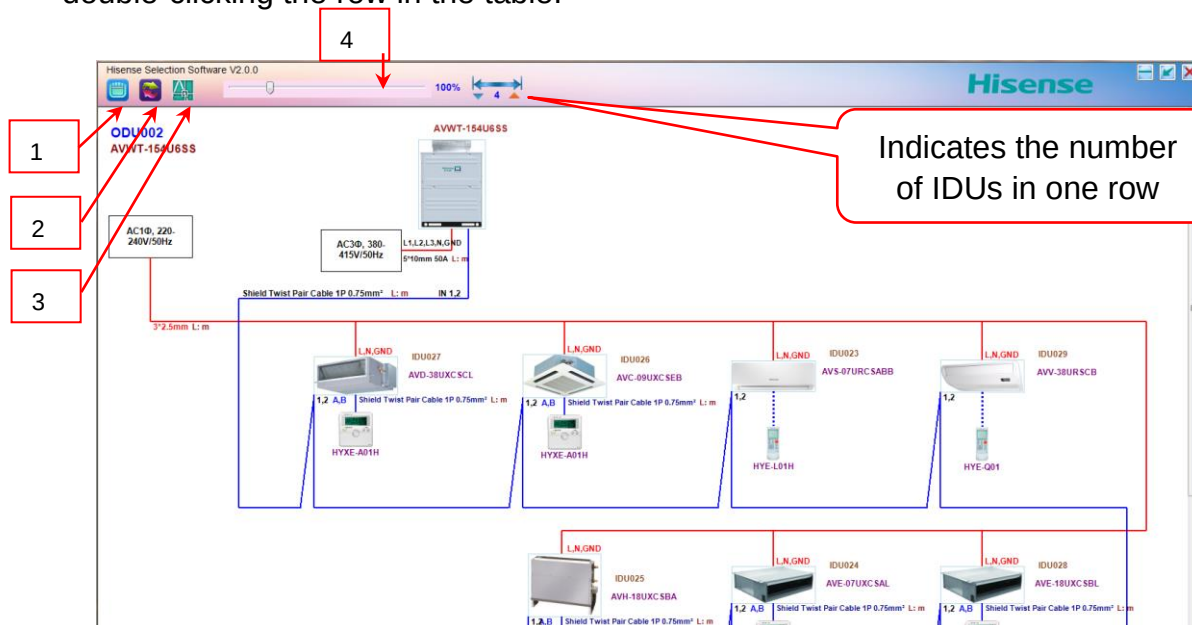
1

2

1 Work zoon show the wiring work list

2 Show the status of wiring work: OK  Not OK 

There are no  in this interface, this means wiring can't be drawn without selecting IDUs & ODUs. You can open the wiring diagram related to corresponding ODU by double-clicking the row in the table.



1  Save current wiring data

2  Reset wiring

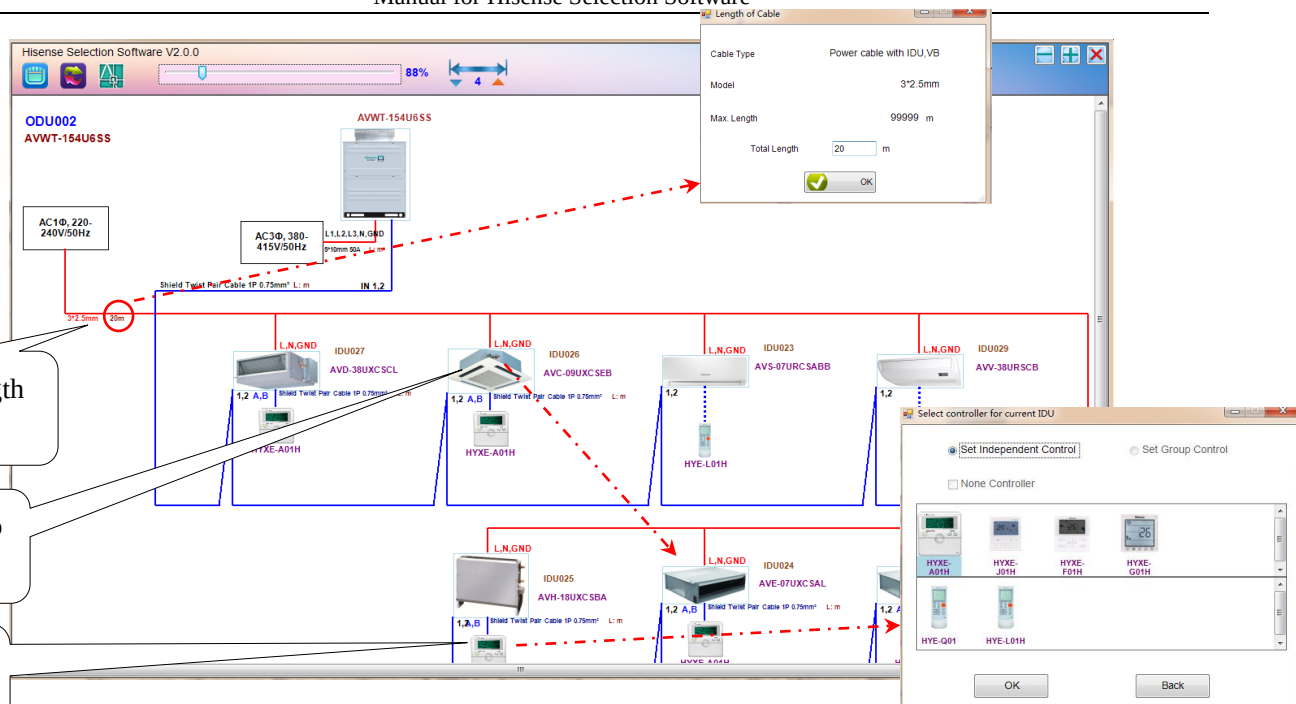
Reset current piping diagram

3  Export DXF file

Generate DXF file of current wiring diagram

4 Zoom in & out

“Ctrl+ Middle mouse button” can achieve the same function.



Power cable is red which connects IDUs or ODUs. The blue is communication cable which connects ODU to its sub-units and ODU to IDUs and IDU to controllers. Clicking the cable, a new window will popup and you can input the length of the cable in it based on the suggested value.

You can change the position of IDUs to meet your needs in the Wiring Diagram by dragging one IDU directly to another one you want to exchange.

And you can also change controllers by clicking one controller with the right key of mouse to open a new window and choose one controllers and click **OK**.

Group-control IDUs

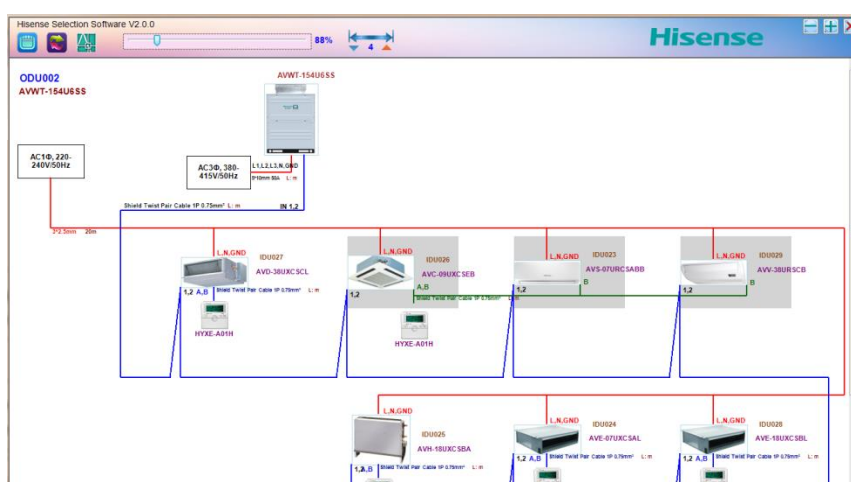
1 IDU026

2 Shift + IDU029

3 selected indoor group

These IDUs are group-controlled by green cable.

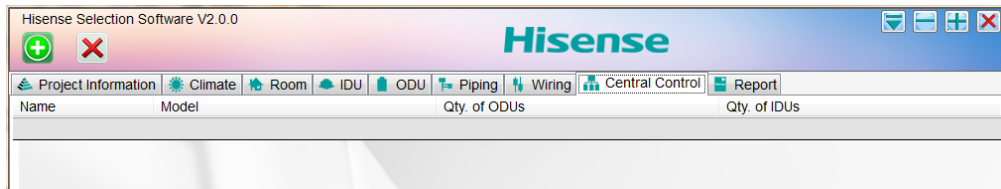
You can also delete group-control IDUs the same way as group-controlling them.



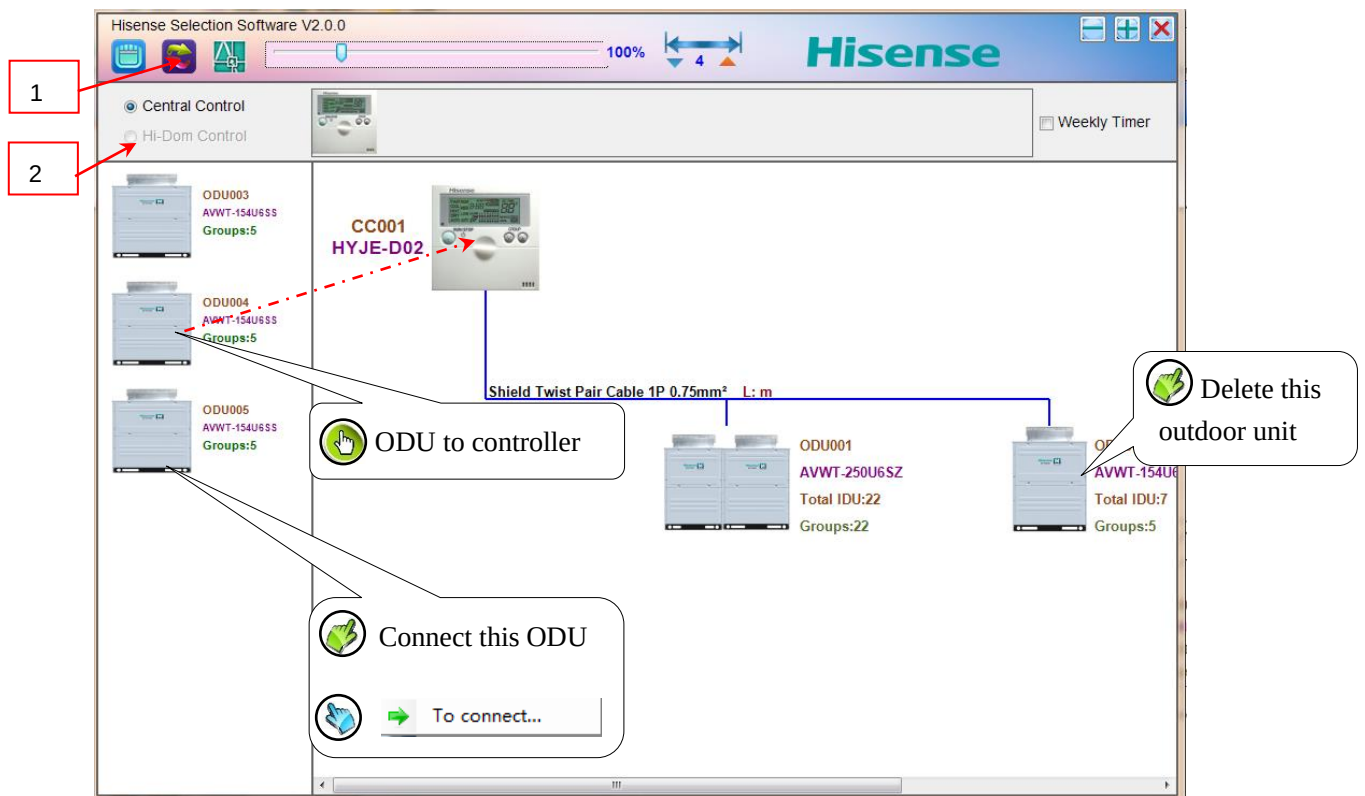
2.10 Central Control Diagram

Clicking “ Central Control” to enter Central Control list interface. Please draw wiring diagram first before you try to draw central control diagram.

Clicking icon  to add Central Control Diagram.



The icons of Central Control Diagram are the same as wiring diagram. There are two kinds of controlling. Central control and BMS control.

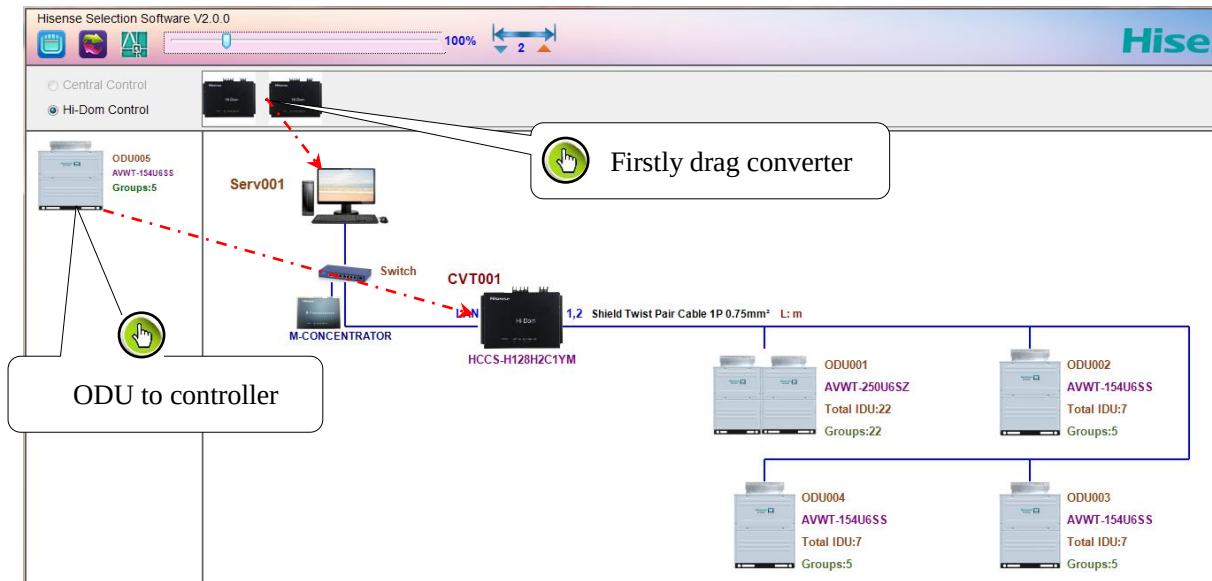


ODU can be connected to controller either by dragging it to controller directly or clicking ODU with the right key of mouse and then clicking  To connect...

To delete outdoor from current central control group just click ODU with the right key of your mouse and click  Delete

1,  Reset current control diagram

2,  select Hi-Dom control

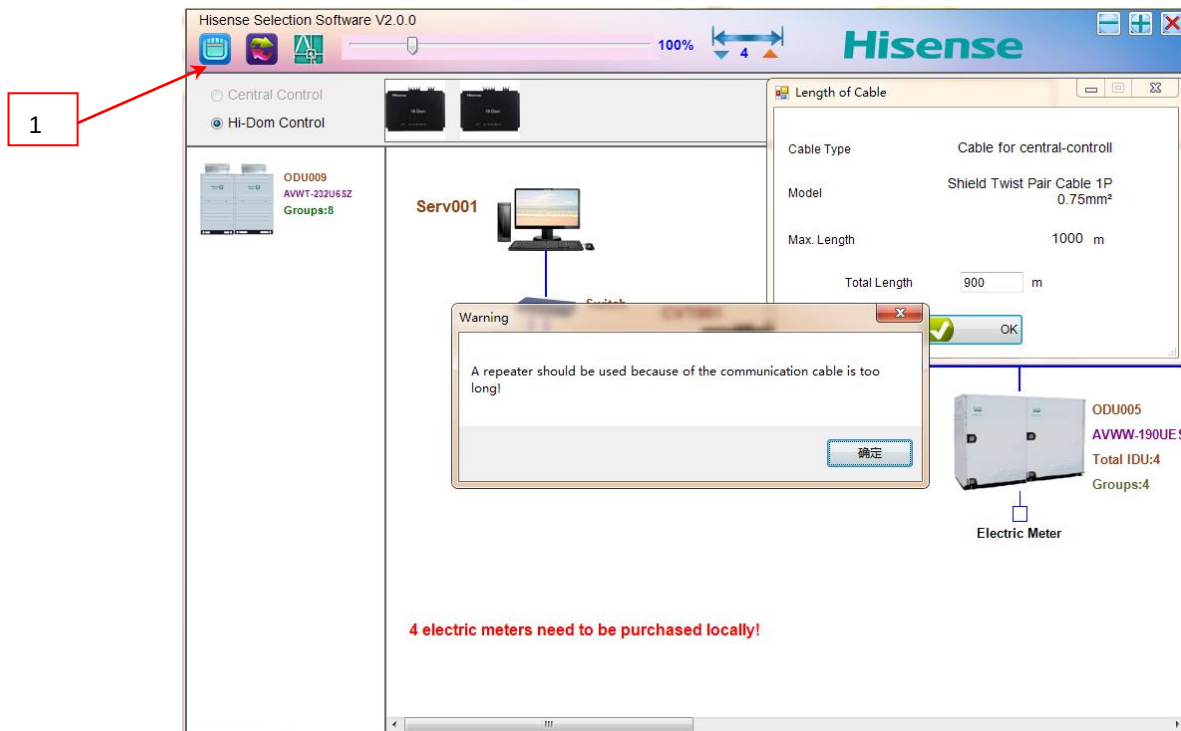


As to BMS control you have to select a converter from the listed protocol converters first by dragging it to Serv001 and then dragging ODU to the converter.

To delete just Clicking ODU with the right key of your mouse and click. Delete

Clicking Converter with the left key of your mouse to check its detail Data.

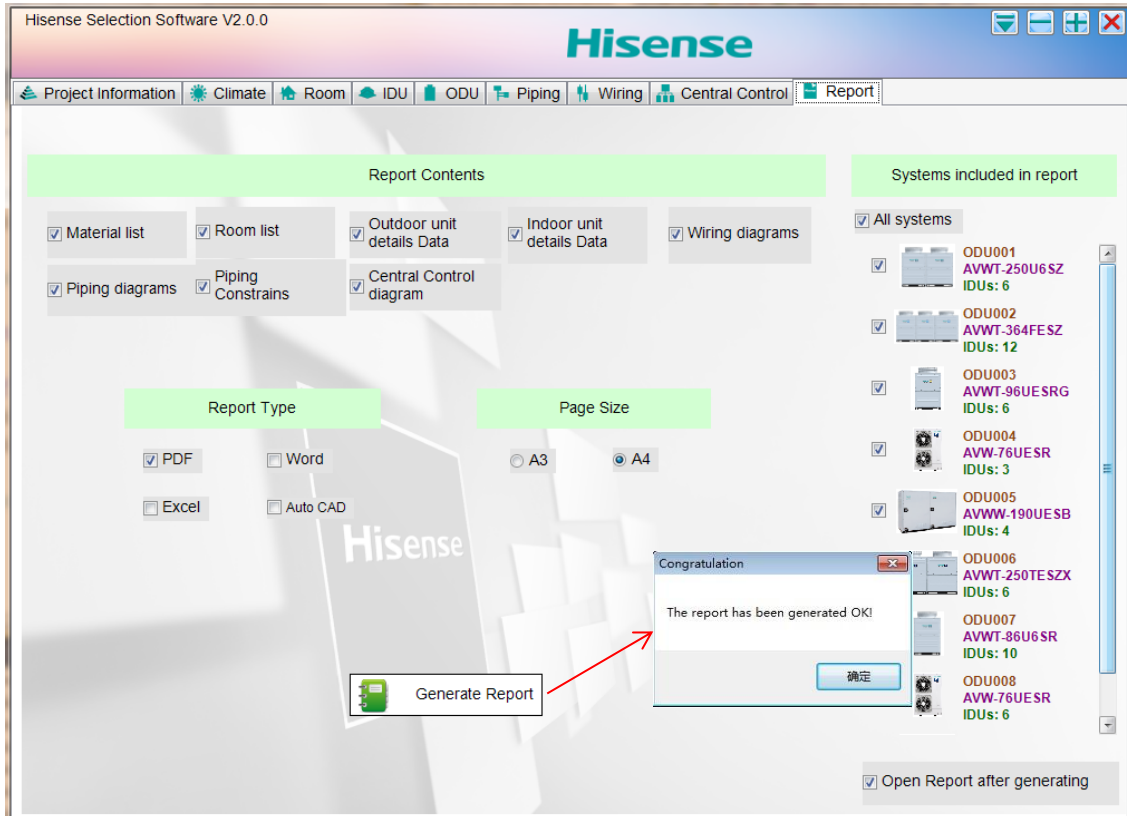
You can input the length of cable by clicking the cable in central control diagram and if you input the value longer than 800m and shorter than 1000m, you will see a warning window shown as below.



1, Save current control diagram

2.11 Report

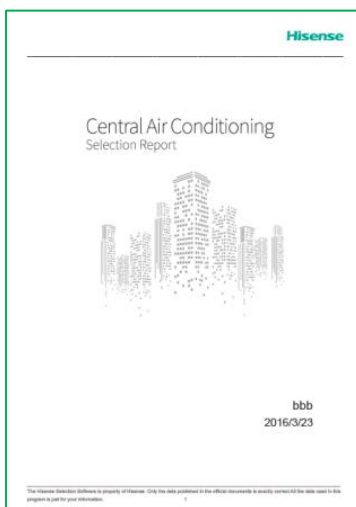
Clicking “  Report ” to enter output report interface.



You can set “Report Contents, Systems included in Report, Report Format” these three parts to meet your request and then click  Generate Report to choose a saving path to save the report.

And for a short while a new window pops up, notice you report is OK.

The PDF file will be shown automatically if you tick the button ☒ Open Report after generating

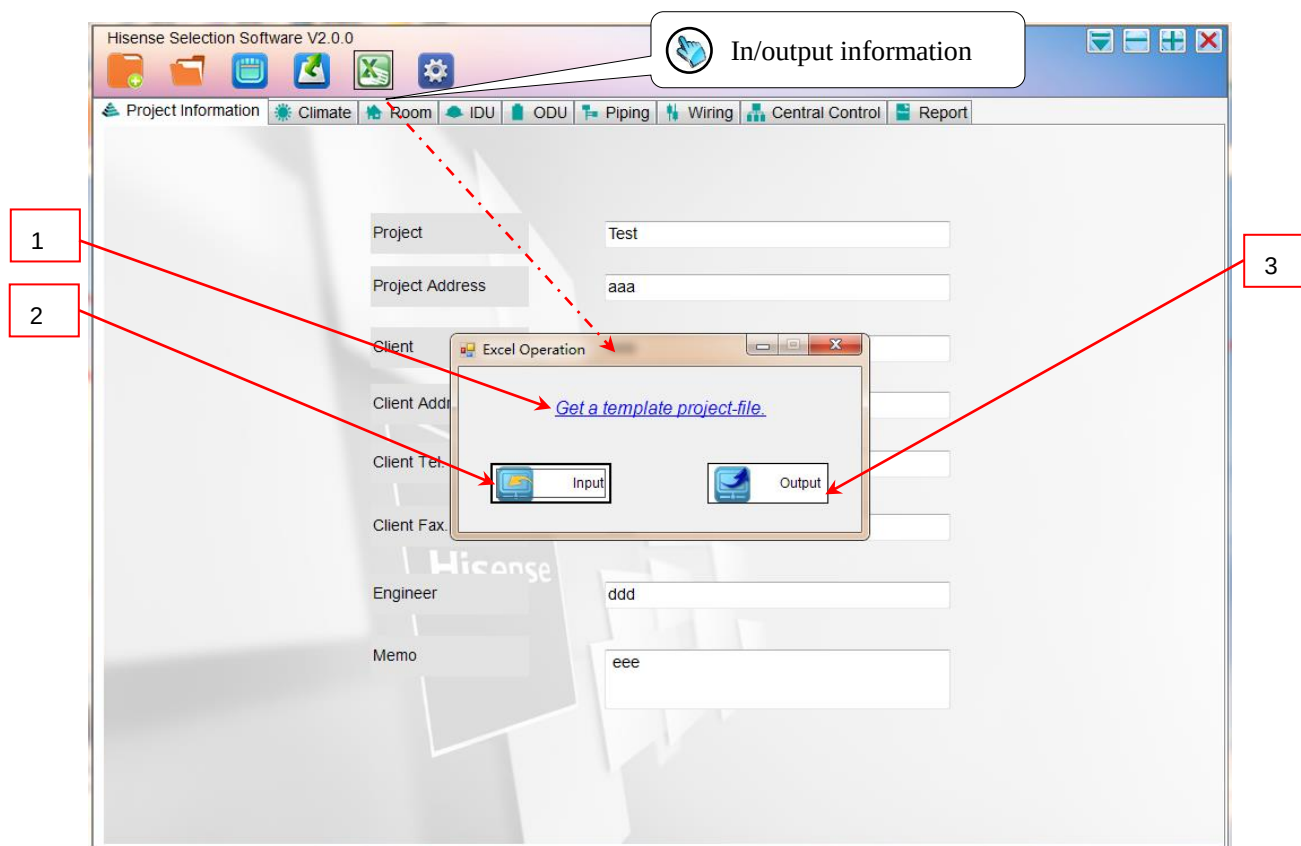


PDF

Model	Unit	Qty.	Name	Unit Price(\$)	Sum Price(\$)
ATC-090DC3EB	set	23	Indoor unit	0	0.00
ATC-180DC3EB	set	1	Indoor unit	0	0.00
ATD-070DC3AL	set	1	Indoor unit	0	0.00
ATD-240DC3BL	set	1	Indoor unit	0	0.00
ATD-070DC3AB	set	4	Indoor unit	0	0.00
ATD-070DC3AL	set	4	Indoor unit	0	0.00
ATD-180DC3BA	set	4	Indoor unit	0	0.00
ATD-380DC3CL	set	4	Indoor unit	0	0.00
ATD-180DC3BL	set	4	Indoor unit	0	0.00
ATD-380DC3B	set	4	Indoor unit	0	0.00
AWT-250RGSZ	set	1	Outdoor Unit	0	0.00
AWT-154RGSZ	set	4	Outdoor Unit	0	0.00
BPQ-300P	set	1	Branch Pipe	0	0.00
BPQ-100P	set	39	Branch Pipe	0	0.00
BPQ-160P	set	5	Branch Pipe	0	0.00
BPQ-R32P	set	1	Gather Pipe	0	0.00
HTX-A01E	set	20	Wired Controller	0	0.00
Shield Twist Pair Cable	m	10	Wired Control Cable	0	0.00
3x2.5mm	m	80	Power Cable	0	0.00
HTX-H128XCLYM	set	1	HI-Box Controller	0	0.00
M-COMCENTRATOR	set	1	Meter Reader	0	0.00
Total					0.00

Material List

2.12 Input (import) & Output (export) with Excel



1, [Get a template project-file.](#) Get a template to fill the project information manually.

2, Input the project information.

After finishing the Excel template which you got , you can input (Import) the project data without the preceding procedure of selecting Room, IDUs and ODUs step by step.

And it's more advisable for experienced clients. You have to pay close attention to the red-colored "WARNING" signs in the Excel file(template project-file).

3, Output the project information.

When you open the Excel file, you will find three sheets.

You should fill in project information in **the first sheet**; you should pay close attention to “warning”. And you can select the items to meet your needs in it but never change the numbers in excel.

A	B	C	D	E	F	G
Project Information		Geographic Parameter				
Project(*)	bbb					
Project Address						
Client						
Client Address						
Client Tel						
Client Fax						
Engineer						
Memo						
Climate 1		Outdoor Power Supply 1		Cooling Heating		
☒ T1 ☐ T3		☒ 50HZ ☐ 60HZ		Outdoor Power Volts 1 ☒ 220V ☐ None 220V Outdoor Power Volts 1 ☒ 380V ☐ None 380V Outdoor Power Volts 1 ☒ 460V ☐ None 460V		
				Selection basis 1 2 ☒ Cooling load ☐ None Cooling load Selection basis ☐ Heating load ☒ None Heating load		
Warning: Successive ODUs selection depends on climate and outdoor power selection, be carefully! Don't delete or edit the number around parametre selection! The cells with * have to be filled in!						

The second sheet is for you to fill in Room Data. The name of the room must be filled but others according to your preference. If you want to select suitable IDUs while input room's data, you should input “IDU Type” by copying it from the GREEN cells and “IDU Qty.”

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Name(*)	Length (m)	Width (m)	Area (m²)	Cooling Unit Load (W/m²)	Cooling Designed Load (kW)	Heating Unit Load (W/m²)	Heating Designed Load (kW)	Cooling Indoor DB (°C)	Cooling Indoor WB (°C)	Heating Indoor DB (°C)	Heating Indoor WB (°C)	IDU Type	IDU Qty.				
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	

Connection of IDU & ODU in **the third sheet**: all the items must be filled except Room Name and you have to use listed ODU Type in the file to fill in. And you are strongly recommended to copy the listed ODU Type directly to the cell for fear of mistakes.

As to IDUs, you must fill in the correct IDU model and it makes no difference to the uppercase or lowercase.

Warning: Don't try to connect too many IDUs to one ODU, if you do so, a suitable ODU is not available and there is an error when inputting the Excel-file.

A	B	C	D	E	F	G	H	I	J	K	L	M	N
ODU Name(*)	ODU Type(*)	IDU Name	IDU Model	Room Name	Warning:	"ODU Type" can only be filled in as shown below.							
ODU001	HI-Flexi M	IDU020	AVC-09UXCSEB			HI-Flexi M	HI-Flexi E	HI-Flexi L	HI-Flexi R	HI-Flexi G	HI-Flexi C	HI-Flexi W	HI-Flexi X
ODU001	HI-Flexi M	IDU019	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU018	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU017	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU016	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU015	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU014	AVC-09UXCSEB		Available ODUs here depend on selection in first sheet, and don't connect too many IDUs to an ODU!								
ODU001	HI-Flexi M	IDU013	AVC-09UXCSEB		The cells with * have to be filled in!								
ODU001	HI-Flexi M	IDU012	AVC-18UXCSEB										
ODU001	HI-Flexi M	IDU011	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU010	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU009	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU008	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU007	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU006	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU005	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU004	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU003	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU002	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU001	AVC-09UXCSEB										
ODU001	HI-Flexi M	IDU021	AVD-07UXCSAL										
ODU001	HI-Flexi M	IDU022	AVD-24UXCSBL										
ODU002	HI-Flexi M	IDU023	AVS-07URCSABB										
ODU002	HI-Flexi M	IDU024	AVE-07UXCSAL										
ODU002	HI-Flexi M	IDU025	AVH-18UXCSBA										
ODU002	HI-Flexi M	IDU026	AVC-09UXCSEB										
ODU002	HI-Flexi M	IDU027	AVD-38UXCSCL										
ODU002	HI-Flexi M	IDU028	AVE-18UXCSBL										
ODU002	HI-Flexi M	IDU029	AVY-38URSCB										
ODU003	HI-Flexi M	IDU030	AVD-38UXCSCL										
ODU003	HI-Flexi M	IDU031	AVC-09UXCSEB										