



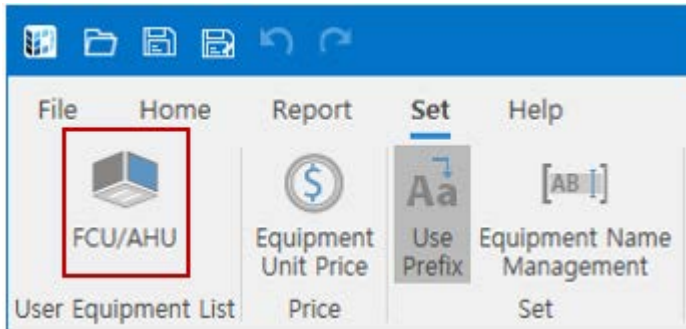
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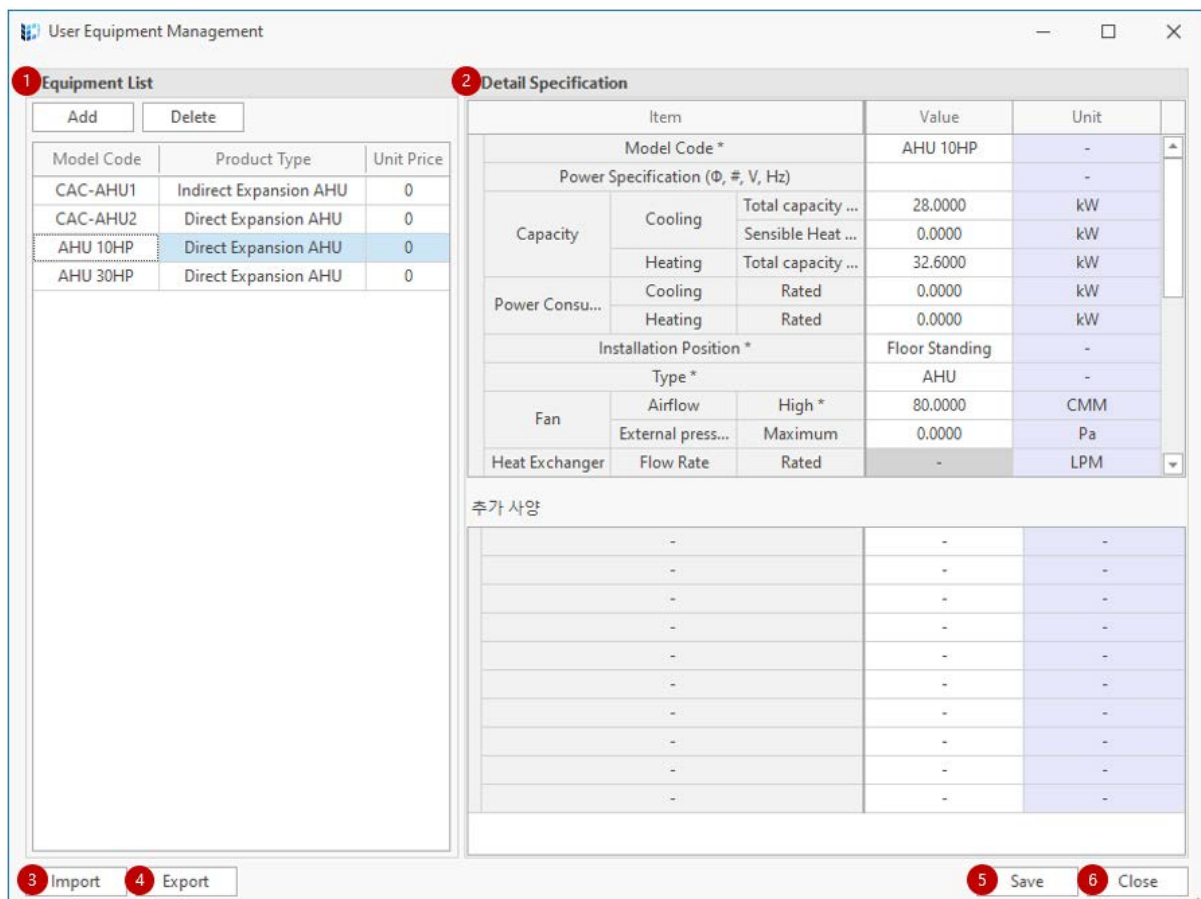
# 1. Settings

## 1.1. User Equipment List

### 1.1.1. FCU/AHU



You can manage (add, modify, delete) specifications of user indoor units. User indoor units that can be managed are indirect expansion FCU, direct expansion AHU, and indirect expansion AHU, and can be shared with other users using excel export and import functions.



- ① Equipment List : You can check the list of user indoor units, add and delete them, and set the model code, product type, and unit price of user equipment.

- ② Detail Specification : The specification information for the indoor unit selected from the equipment list is displayed and can be set.
- ③ Import : User indoor units can be added or applied in a batch from Excel.
- ④ Export : All information of managed user indoor units can be exported to Excel.

A	B	C	D	E	F	G
1						
2	User equipment specification					
3						
4	Item				Unit	Value
5	Model Code				-	UserEquipment2
6	Power Specification (Φ, #, V, Hz)				-	
7	Capacity	Cooling	Heat Transfer (Rated)	kW	50.00	
Sensible Heat (Nominal)			kW	50.00		
8	Power Consumption	Heating	Heat Transfer (Rated)	kW	50.00	
9		Cooling	Rated	kW	50.00	
10	Power Consumption	Heating	Rated	kW	50.00	
11		Cooling	Rated	kW	50.00	
12	Installation Position				-	Floor Standing
13	Type Image				-	AHU
14	Fan	Airflow	High	CMM	50	
15		External pressure	Maximum	Pa	50.00	
16	Heat Exchanger	Flow Rate	Rated	LPM	50	
17		Pressure Loss	Rated	kPa	50.00	
18	Internal Volume				liter	50.00
19	Piping Diameter	Entering and Leaving Water Pipe			mm	50
20		Liquid Pipe			mm	
21		Gas Pipe			mm	
22		Drain Pipe			mm	50
23	Weight(Dry)				kg	50.00
24	Width				mm	50

Indirect Expansion FCU | Direct Expansion AHU

- ⑤ Save : Save the entered user equipment.
- ⑥ Close : End the user equipment management function and close the window.

### 1.1.1.1. Equipment List

**Equipment List**

1 Add 2 Delete

3 Model Code	4 Product Type	5 Unit Price
CAC-AHU1	Indirect Expansion AHU	0
CAC-AHU2	Direct Expansion AHU	0
AHU 10HP	Direct Expansion AHU	0
AHU 30HP	Direct Expansion AHU	0

**Detail Specification**

Item			Value	Unit
Model Code *			AHU 10HP	-
Power Specification (Φ, #, V, Hz)				-
Capacity	Cooling	Total capacity ...	28.0000	kW
		Sensible Heat ...	0.0000	kW
	Heating	Total capacity ...	32.6000	kW
Power Consu...	Cooling	Rated	0.0000	kW
	Heating	Rated	0.0000	kW
Installation Position *			Floor Standing	-
Type *			AHU	-
Fan	Airflow	High *	80.0000	CMM
	External press...	Maximum	0.0000	Pa
Heat Exchanger	Flow Rate	Rated	-	LPM

추가 사양

-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Import Export Save Close

- ① Add : Add new equipment to the equipment list.
- ② Delete : Deletes the selected equipment from the equipment list.
- ③ Model Code : You can check or set the model code of user equipment.
- ④ Product Type : You can check or set the product type of your equipment (indirect expansion FCU, direct expansion AHU, indirect expansion AHU). Detailed specifications change depending on the product type.
- ⑤ Unit Price : Set the unit price of user equipment.

### 1.1.1.2. Detail Specification

The detailed specifications differ in the form of direct expansion type and indirect expansion type. Items marked with '\*' are required and will not be saved if not entered. It is largely divided into standard items and user items. For standard items, the item itself cannot be changed, only the value can be set. For user items, up to 10 items and values can be entered by the user. The set form is used when checking specification information or exporting a report.

#### 1.1.1.2.1. Detail Specification For Direct Expansion Type

**Equipment List**

Model Code	Product Type	Unit Price
CAC-AHU1	Indirect Expansion AHU	0
CAC-AHU2	Direct Expansion AHU	0
AHU 10HP	Direct Expansion AHU	0
AHU 30HP	Direct Expansion AHU	0

**Detail Specification**

Item	Value	Unit
1 Model Code *	AHU 10HP	-
2 Power Specification (Φ, #, V, Hz)		-
3 Capacity	Cooling Total capacity ...	28.0000 kW
	Sensible Heat ...	0.0000 kW
	Heating Total capacity ...	32.6000 kW
4 Power	Cooling Rated	0.0000 kW
	Heating Rated	0.0000 kW
5 Installation Position *	Floor Standing	-
6 Type *	AHU	-
7 Flow	Airflow High *	80.0000 CMM
	External press... Maximum	0.0000 Pa
8 Heat Exchanger	Flow Rate Rated	- LPM
	Pressure Loss Rated	- kPa
9 Piping Diameter	Internal Volume	- liter
	Entering and Leaving Water Pipe	- mm
	Liquid Pipe	- mm
	Gas Pipe	- mm
10 Weight	Width	0.0000 mm
	Height(H)	0.0000 mm
	Depth(D)	0.0000 mm
11 Product		
12		

**추가 사양**

Item	Value	Unit
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Import Export Save Close

- ① Model Code : You can check or set the model code of the user equipment selected from the equipment list. It should be set so that it does not overlap with the model code of other equipment.
- ② Power Specification : You can check or set the power specifications of the user equipment selected from the equipment list.
- ③ Capacity : You can check or set the rated capacity corresponding to the cooling total capacity,

sensible heating capacity, and heating total capacity of the user equipment selected from the equipment list.

- ④ Power Consumption : You can check or set the rated power consumption corresponding to the cooling and heating of the user equipment selected in the equipment list.
- ⑤ Installation Position : You can check or set the installation position of the user equipment selected from the equipment list. Selectable values are floor standing or ceiling mounted.
- ⑥ Type : You can check or set the image of the user equipment selected in the equipment list. The type of image is AHU or indoor unit.
- ⑦ Fan : You can check or set the airflow and external pressure, which are fan information of the user equipment selected from the equipment list.
- ⑧ Heat Exchanger : You can check or set the rated value and contents for flow rate and pressure loss, which are heat exchanger information of the user equipment selected from the equipment list. Heat exchanger information is only active for indirect expansion type.
- ⑨ Piping Diameter : You can check or set the pipe diameter information of the user equipment selected from the equipment list. entering and leaving water pipe, liquid pipe, gas pipe, and drain pipe. entering and leaving water piping information is only active for indirect expansion type.
- ⑩ Weight : You can check or set the weight of the user equipment selected in the equipment list.
- ⑪ Product Dimension : You can check or set the width, height, and depth values of the product dimension information of the user equipment selected from the equipment list.
- ⑫ Additional Specification : Up to 10 items and values can be entered by the user. The entered items and values are used when checking specification information or exporting a report.

### 1.1.1.2.2. Detail Specification For Indirect Expansion Type

**Equipment List**

Model Code	Product Type	Unit Price
CAC-AHU1	Indirect Expansion AHU	0
CAC-AHU2	Direct Expansion AHU	0
AHU 10HP	Direct Expansion AHU	0
AHU 30HP	Indirect Expansion FCU	0

**Detail Specification**

Item	Value	Unit
Model Code *	AHU 30HP	-
Power Specification (Φ, #, V, Hz)		-
Capacity		
Cooling	Total capacity ...	0.0000 kW
Cooling	Sensible Heat ...	0.0000 kW
Heating	Total capacity ...	0.0000 kW
Power Consumption		
Cooling	Rated	0.0000 kW
Heating	Rated	0.0000 kW
Installation Position *	Floor Standing	-
Type *	AHU	-
Airflow	High *	0.0000 CMM
External pressure	Maximum	0.0000 Pa
Flow Rate	Rated	0.0000 LPM
Pressure Loss	Rated	0.0000 kPa
Internal Volume		0.0000 liter
Entering and Leaving Water Pipe		mm
Piping diameter		
Liquid Pipe	-	mm
Gas Pipe	-	mm
Drain Pipe		mm
Weight	0.0000	kg
Width	0.0000	mm
Height(H)	0.0000	mm
Depth(D)	0.0000	mm

**추가 사양**

-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

- ① Model Code : You can check or set the model code of the user equipment selected from the equipment list. It should be set so that it does not overlap with the model code of other equipment.
- ② Power Specification : You can check or set the power specifications of the user equipment selected from the equipment list.
- ③ Capacity : You can check or set the rated capacity corresponding to the cooling total capacity, sensible heating capacity, and heating total capacity of the user equipment selected from the equipment list.
- ④ Power Consumption : You can check or set the rated power consumption corresponding to the cooling and heating of the user equipment selected in the equipment list.
- ⑤ Installation Position : You can check or set the installation position of the user equipment selected from the equipment list. Selectable values are floor standing or ceiling mounted.
- ⑥ Type : You can check or set the image of the user equipment selected in the equipment list.

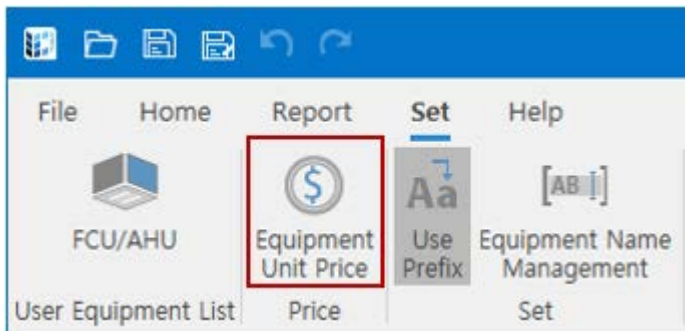


The type of image is AHU or indoor unit.

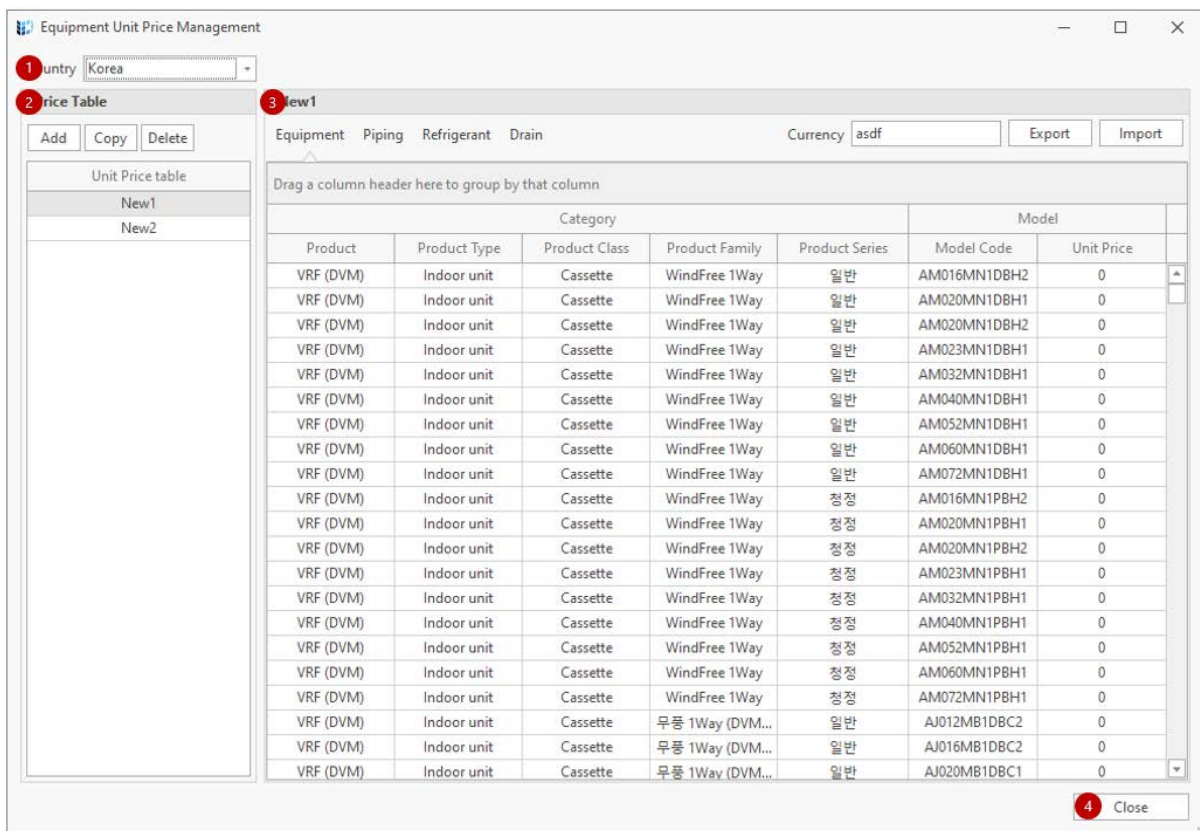
- ⑦ Fan : You can check or set the airflow and external pressure, which are fan information of the user equipment selected from the equipment list.
- ⑧ Heat Exchanger : You can check or set the rated value and contents for flow rate and pressure loss, which are heat exchanger information of the user equipment selected from the equipment list. Heat exchanger information is only active for indirect expansion type.
- ⑨ Piping Diameter : You can check or set the pipe diameter information of the user equipment selected from the equipment list. Entering and leaving pipe, liquid pipe, gas pipe, and drain pipe. The liquid pipe and gas pipe information is only active for the direct expansion type.
- ⑩ Weight : You can check or set the weight of the user equipment selected in the equipment list.
- ⑪ Product Dimension : You can check or set the width, height, and depth values of the product dimension information of the user equipment selected from the equipment list.
- ⑫ Additional Specification : Up to 10 items and values can be entered by the user. The entered items and values are used when checking specification information or exporting a report.

## 1.2. Price

### 1.2.1. Equipment Unit Price



Excluding user equipment from the program (user equipment can be input in the user equipment management function) and manage the unit price of all equipment that can be designed, the unit price by pipe type and pipe diameter, the unit price by refrigerant type, and the unit price by drain pipe specification. By using the unit price list management function, you can manage different unit prices for each unit price table on the same equipment, and manage unit price tables separately for each country. In addition, all unit price information can be shared with others using the Excel export import function.



① Country : A list of countries that can be designed in the program is displayed, and the country

to manage unit price information is selected. The input unit price by country can be output by applying the unit price table corresponding to the project country when exporting the report.

- ② Price Table : A list of unit price tables for the selected country is displayed and you can manage unit price tables.
- ③ Price Table Information : You can display and set the information of the unit price table selected from the unit price table list.
- ④ Close : End equipment unit price management function and close the window.

### 1.2.1.1. Price Table

Equipment Unit Price Management

Country: Korea

Price Table

1 Add 2 Copy 3 Delete

4 Unit Price table

New1

New2

New3

Equipment Piping Refrigerant Drain

Currency: Won Export Import

Drag a column header here to group by that column

Product	Product Type	Product Class	Product Family	Product Series	Model Code	Unit Price
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM016MN1DBH2	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM020MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM020MN1DBH2	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM023MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM032MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM040MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM052MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM060MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM072MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM016MN1PBH2	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM020MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM020MN1PBH2	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM023MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM032MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM040MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM052MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM060MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM072MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM...	일반	AJ012MB1DBC2	0
VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM...	일반	AJ016MB1DBC2	0
VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM...	일반	AJ020MB1DBC1	0

Close

- ① Add : Adds a new unit price table for which no unit price is set in the unit price table list.
- ② Copy : Adds a new unit price table with the same information as the unit price table selected in the unit price table list.
- ③ Delete : Deletes the selected unit price table from the unit price table list.
- ④ Unit Price Table : Display the list of unit price tables managed in the selected country and you can set the name. Names cannot be duplicated in the unit price table list. If you select the unit price table, the selected unit price table information is displayed in the unit price table list information and you can set the information.

### 1.2.1.2. Price Table Information

Equipment Unit Price Management

Country: Korea

Price Table: **1 New1**

Add Copy Delete

Unit Price table

Unit Price table list:

- New1
- New2
- New3

2 Equipment 3 Piping 4 Refrigerant 5 Drain

6 Currency: Won 7 Export 8 Import

Drag a column header here to group by that column

Category					Model	
Product	Product Type	Product Class	Product Family	Product Series	Model Code	Unit Price
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM016MN1DBH2	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM020MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM020MN1DBH2	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM023MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM032MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM040MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM052MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM060MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM072MN1DBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM016MN1PBH2	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM020MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM020MN1PBH2	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM023MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM032MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM040MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM052MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM060MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM072MN1PBH1	0
VRF (DVM)	Indoor unit	Cassette	무통 1Way (DVM...	일반	AJ012MB1DBC2	0
VRF (DVM)	Indoor unit	Cassette	무통 1Way (DVM...	일반	AJ016MB1DBC2	0
VRF (DVM)	Indoor unit	Cassette	무통 1Way (DVM...	일반	AJ020MB1DBC1	0

Close

- ① Price Table Name : You can check the name of the unit price table selected in the unit price table list.
- ② Equipment : You can check or set the unit price for all equipment except the user equipment of the unit price table selected from the unit price table list.
- ③ Piping : You can check or set the pipe unit price and elbow unit price by refrigerant type and pipe diameter in the unit price table selected from the unit price table list.
- ④ Refrigerant : You can check or set the refrigerant unit price by refrigerant type in the unit price table selected from the unit price table list.
- ⑤ Drain : You can check or set the drain pipe unit price, Elbow unit price, and Tee unit price by drain pipe specification of the unit price table selected from the unit price table list.
- ⑥ Currency : You can set the currency unit of the unit prices entered in the unit price list selected from the unit price list.
- ⑦ Export : You can export the information of the unit price table selected from the unit price table list to an Excel file.
- ⑧ Import : The unit price table information selected from the unit price table list can be loaded from an Excel file and set in a batch.

A1	Category				
	A	B	C	D	E
1	Category				
2	Product	Product Type	Product Class	Product Family	Product Series
3	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반
4	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반
5	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반
6	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반
7	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반
8	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반
9	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반
10	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반
11	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반
12	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	정정
13	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	정정
14	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	정정
15	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	정정
16	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	정정
17	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	정정
18	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	정정
19	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	정정
20	VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	정정
21	VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM Home)	일반
22	VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM Home)	일반
23	VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM Home)	일반
24	VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM Home)	일반
25	VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM Home)	일반
26	VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM Home)	일반
27	VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM Home)	일반
28	VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM Home)	일반
29	VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM Home)	일반

### 1.2.1.3. Equipment Price

Equipment Unit Price Management

Country: Korea

Price Table

Add Copy Delete

Unit Price table

New1  
New2  
New3

New1

Equipment Piping Refrigerant Drain

Currency: Won Export Import

Drag a column header here to group by that column

Category					Model		
1 Product	2 Product Type	3 Product Class	4 Product Family	5 Product Series	6 Model Code	7 Unit Price	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM016MN1DBH2	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM020MN1DBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM020MN1DBH2	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM023MN1DBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM032MN1DBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM040MN1DBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM052MN1DBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM060MN1DBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	일반	AM072MN1DBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM016MN1PBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM020MN1PBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM020MN1PBH2	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM023MN1PBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM032MN1PBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM040MN1PBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM052MN1PBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM060MN1PBH1	0	
VRF (DVM)	Indoor unit	Cassette	WindFree 1Way	청정	AM072MN1PBH1	0	
VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM...	일반	AJ012MB1DBC2	0	
VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM...	일반	AJ016MB1DBC2	0	
VRF (DVM)	Indoor unit	Cassette	무풍 1Way (DVM...	일반	AJ020MB1DBC1	0	

Close

- ① Product : Display the product of equipment.
- ② Product Type : Display the product type of equipment.
- ③ Product Class : Display the product class of equipment.
- ④ Product Family : Display the product family of equipment.
- ⑤ Product Series : Display the product series of equipment.
- ⑥ Model Code : Display the model code of equipment.
- ⑦ Unit Price : You can check or set the unit price of the equipment.



### 1.2.1.4. Piping Price

Equipment Unit Price Management

Country: Korea

Price Table

Add Copy Delete

Unit Price table

New1

New2

Equipment Piping Refrigerant Drain

Currency: Won Export Import

Drag a column header here to group by that column

1 Refrigerant Type	2 Piping Diameter(mm)	3 Piping Diameter(inch)	4 Pipe unit price (/m)	5 Elbow unit price (/ea.)
R410A	6.35	1/4"	0	0
R410A	9.52	3/8"	0	0
R410A	12.7	1/2"	0	0
R410A	15.88	5/8"	0	0
R410A	19.05	3/4"	0	0
R410A	22.22	7/8"	0	0
R410A	25.4	1"	0	0
R410A	28.58	1 1/8"	0	0
R410A	31.75	1 1/4"	0	0
R410A	34.92	1 3/8"	0	0
R410A	38.1	1 4/2"	0	0
R410A	41.28	1 5/8"	0	0
R410A	44.45	1 3/4"	0	0
R410A	47.63	1 7/8"	0	0
R410A	50.8	2"	0	0
R410A	53.98	2 1/8"	0	0
R22	6.35	1/4"	0	0
R22	9.52	3/8"	0	0
R22	12.7	1/2"	0	0
R22	15.88	5/8"	0	0
R22	19.05	3/4"	0	0
R22	22.22	7/8"	0	0

Close

- ① Refrigerant Type : Display the type of refrigerant in the pipe.
- ② Piping Diameter(mm) : The pipe diameter of the pipe is displayed in millimeters.
- ③ Piping Diameter(Inch) : The piping diameter of the pipe is displayed in inches.
- ④ Pipe Unit Price : You can check or set the unit price of the pipe.
- ⑤ Elbow Unit Price : You can check or set the Elbow unit price of the pipe.

### 1.2.1.5. Refrigerant Price

Equipment Unit Price Management

Country:


**Price Table**  
    

Unit Price table
New1
New2

**New1**  

Equipment   Piping   Refrigerant   Drain

Currency:

① Refrigerant Type	② Refrigerant unit price  (Ctrl)
R410A	0
R22	0
R410A(GWP > 150)	0
R32	0
R32 / R410A	0

- ① Refrigerant Type : Display the refrigerant type designation.
- ② Refrigerant Unit Price : You can check or set the unit price of refrigerant.



### 1.2.1.6. Drain Price

Equipment Unit Price Management

Country: Korea

Price Table

Add Copy Delete

Unit Price table

New1

New2

Equipment Piping Refrigerant Drain

Currency: Won

Export Import

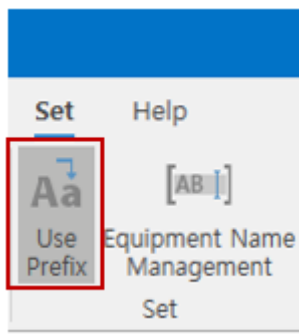
① Drain Pipe Specification	② Unit Price of Drain Pipe (/m)	③ Elbow unit price (/ea.)	④ Tee unit price (/ea.)
FPT 3/4"	0	0	0
Nominal 3/4" (OD 1.05")	0	0	0
VP60	0	0	0
VP70	0	0	0
VP80	0	0	0
VP18 (OD 19, ID 16)	0	0	0
ID16 HOSE	0	0	0
ID18 HOSE	0	0	0
VP20 (OD 25, ID 20)	0	0	0
VP25 (OD 25, ID 20)	0	0	0
ID20 HOSE	0	0	0
VP25 (OD 32, ID 25)	0	0	0
VP30 (OD 38, ID 31)	0	0	0
VP40 (OD 48, ID 40)	0	0	0
VP50 (OD 60, ID 51)	0	0	0
VP65 (OD 76, ID 66)	0	0	0
VP75 (OD 89, ID 77)	0	0	0

Close

- ① Drain Pipe Specification : Display the drain pipe specification.
- ② Unit Price of Drain Pipe : You can check or set the drain pipe unit price.
- ③ Elbow Unit Price : You can check or set the Elbow unit price of the drain pipe.
- ④ Tee Unit Price : You can check or set the tee unit price of the drain pipe.

## 1.3. Set

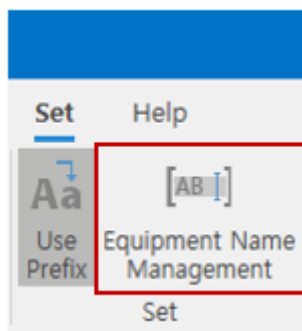
### 1.3.1. Use Prefix



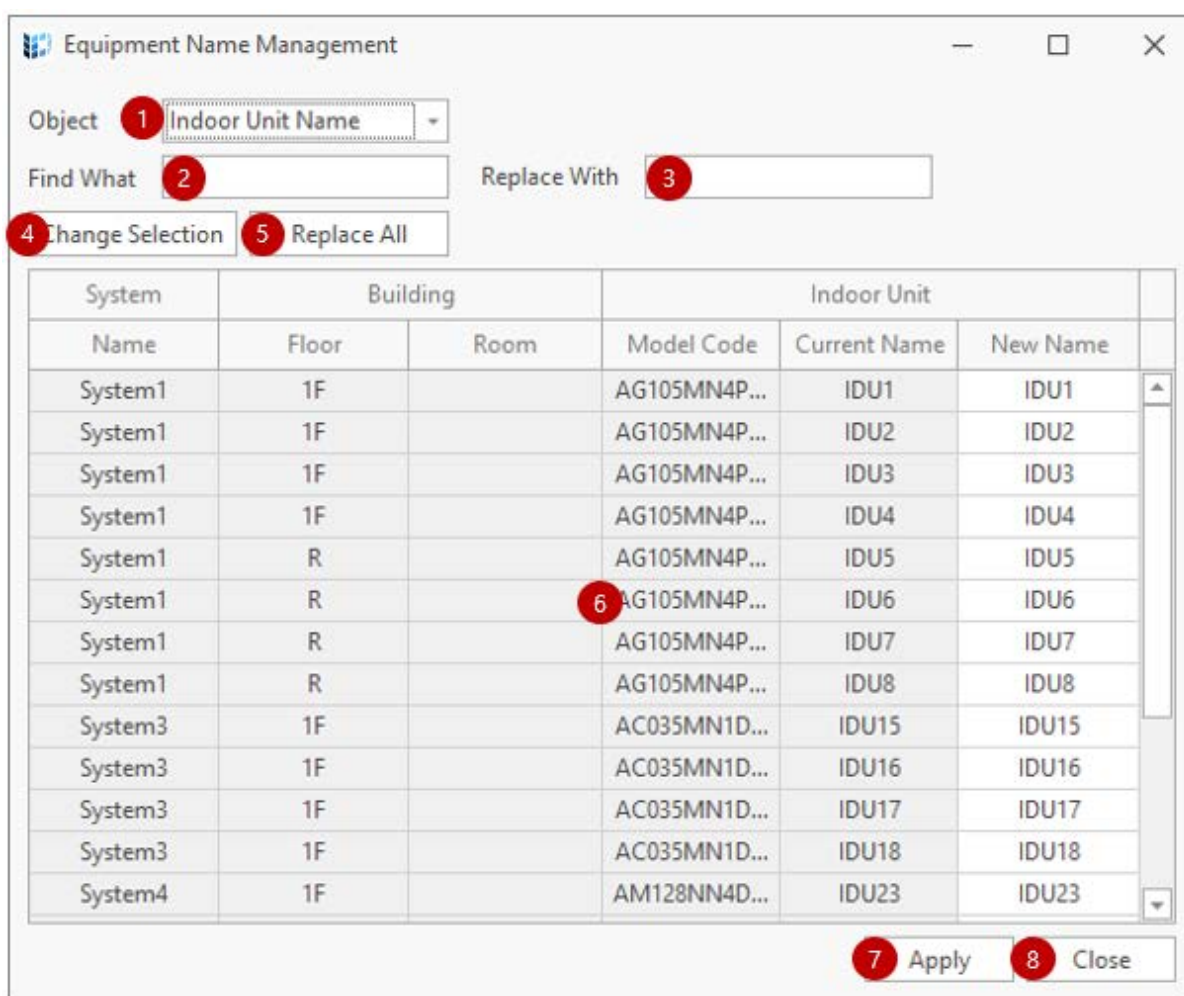
This toggle button allows you to set whether to apply the prefix setting function managed in the environment setting. If checked, the name is automatically determined based on the prefix set when the system, room, indoor unit, and MCU are created.

Prefix settings	
Indoor Unit Name	IDU <input checked="" type="checkbox"/> Include Room Name
System Name	System
Room Name	Room
MCU Name	MCU

### 1.3.2. Equipment Name Management



The names of systems, floors, rooms, MCUs, and indoor units can be batch set in the project.



- ① Object : Select the object to be renamed. Selectable targets are system, floor, room, MCU, and indoor unit.
- ② Find What : Set what to find. When you set what to find, what you find in the name list is displayed.

- ③ Replace With : Set the content to be replaced.
- ④ Change Selection : Changes the content to be found only for the item selected in the name list to the content to be replaced.
- ⑤ Replace All : Changes the contents to be searched for all items in the name list to the contents to be replaced.
- ⑥ Name List : You can check and set all names for the selected object in the project
- ⑦ Apply : Apply to the project with the new name you set and close the window.
- ⑧ Close : Ends the equipment name management function and closes the window.

### 1.3.2.1. Name List Of Systems

Equipment Name Management

Object: System Name

Find What:

Replace With:

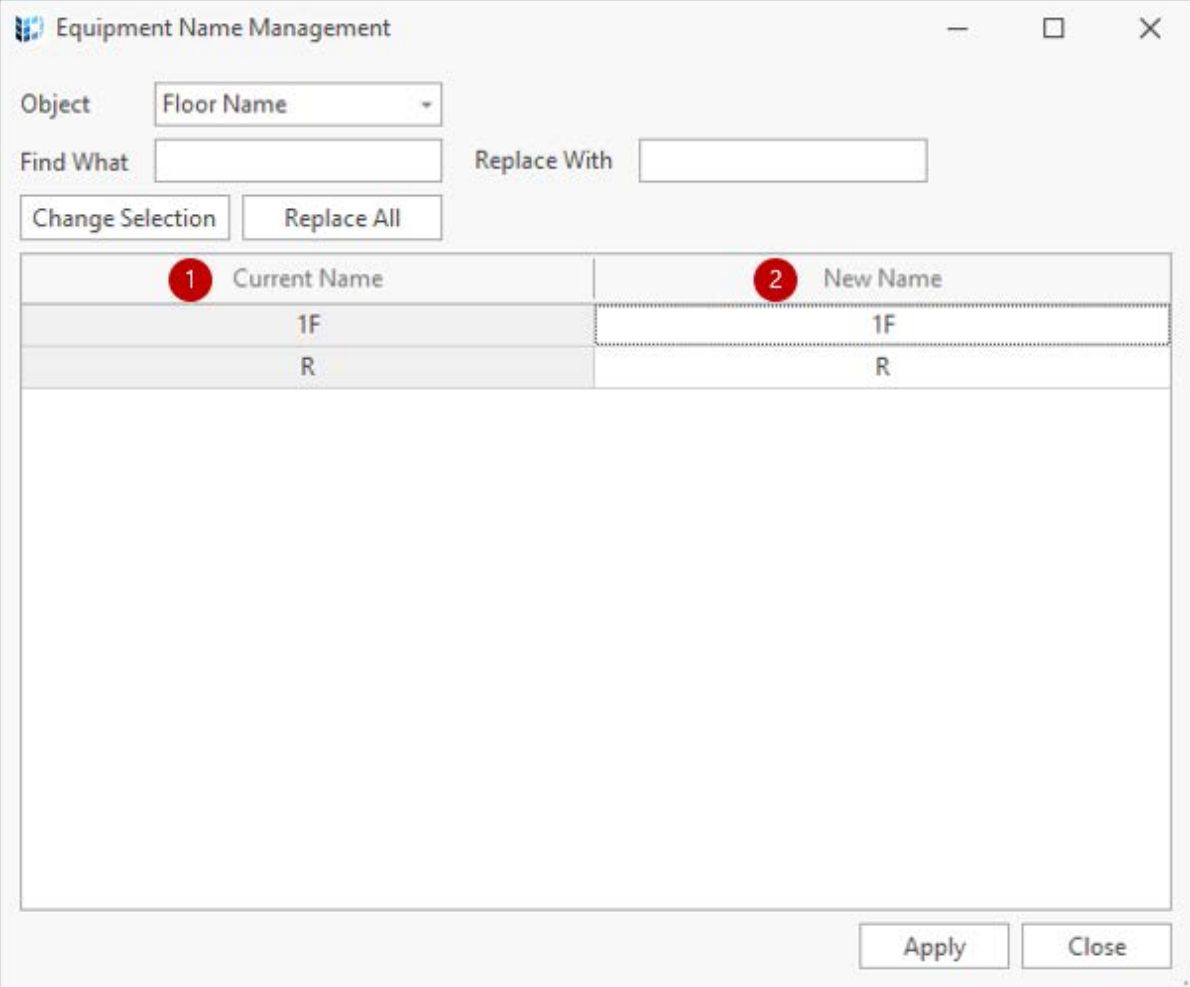
Change Selection Replace All

1 Current Name	2 New Name
System1	System1
System3	System3
System4	System4
System5	System5

Apply Close

- ① Current Name : You can check the current names of the systems.
- ② New Name : You can check or set new names of systems.

### 1.3.2.2. Name List Of Floors

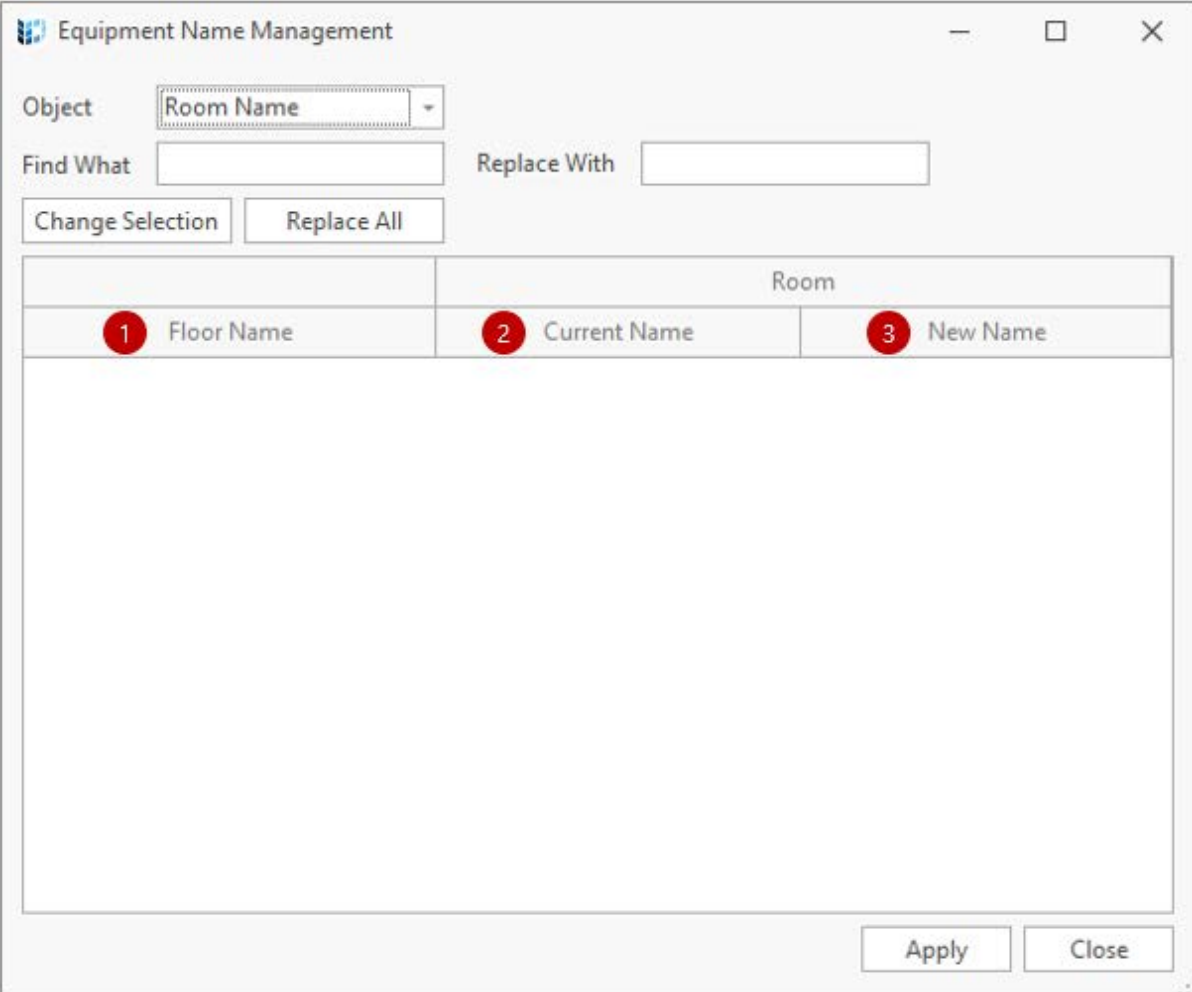


The dialog box is titled "Equipment Name Management". It features a window title bar with standard minimize, maximize, and close buttons. Below the title bar, there is a section with controls: an "Object" dropdown menu set to "Floor Name", a "Find What" text input field, and a "Replace With" text input field. Below these are two buttons: "Change Selection" and "Replace All". The main area of the dialog is a table with two columns: "Current Name" (marked with a red circle 1) and "New Name" (marked with a red circle 2). The table contains two rows of data: "1F" and "R". Below the table is a large empty rectangular area. At the bottom right of the dialog are "Apply" and "Close" buttons.

1 Current Name	2 New Name
1F	1F
R	R

- ① Current Name : You can check the current name of the floors.
- ② New Name : You can check or set a new name for the floors.

### 1.3.2.3. Name List Of Rooms



The screenshot shows a software window titled "Equipment Name Management". At the top, there is a toolbar with a minus, maximize, and close button. Below the toolbar, there is a section with three input fields: "Object" (a dropdown menu currently showing "Room Name"), "Find What" (an empty text box), and "Replace With" (an empty text box). Below these fields are two buttons: "Change Selection" and "Replace All". The main area of the window is a table with three columns. The first column is labeled "Floor Name" and has a red circle with the number "1" next to it. The second column is labeled "Current Name" and has a red circle with the number "2" next to it. The third column is labeled "New Name" and has a red circle with the number "3" next to it. The table is currently empty. At the bottom right of the window, there are two buttons: "Apply" and "Close".

	Room	
1 Floor Name	2 Current Name	3 New Name

- ① Floor Name : You can check the name of the floors
- ② Current Name : You can check the current names of the rooms
- ③ New Name : You can check or set a new name for the rooms.

#### 1.3.2.4. Name List Of MCUs

The screenshot shows a software window titled "Equipment Name Management". It features a search interface with an "Object" dropdown set to "MCU Name", and empty "Find What" and "Replace With" text boxes. Below these are "Change Selection" and "Replace All" buttons. A table displays MCU information with five columns: "System", "Building", "MCU Name", "Current Name", and "New Name". The first row of data is highlighted, and five red circles with numbers 1 through 5 point to specific cells: 1 points to the "System" column header, 2 to the "Building" column header, 3 to the "MCU Name" column header, 4 to the "Current Name" column header, and 5 to the "New Name" column header. The data row shows "System4", "1F", "MCU-S4NEK3N", "MCU3", and "MCU3". At the bottom right are "Apply" and "Close" buttons.

System	Building	MCU Name		
① Name	② Floor	③ Model Code	④ Current Name	⑤ New Name
System4	1F	MCU-S4NEK3N	MCU3	MCU3

- ① System Name : You can check the name of the system to which the MCU belongs.
- ② Floor Name : You can check the name of the floor where the MCU is located.
- ③ Model Code : You can check the model code of the MCU.
- ④ Current Name : You can check the current name of the MCU.
- ⑤ New Name : You can check or set a new name for the MCU.

### 1.3.2.5. Name List Of Indoor Units

**Equipment Name Management**

Object:

Find What:  Replace With:

System	Building		Indoor Unit		
① Name	② Floor	③ Room	④ Model Code	⑤ Current Name	⑥ New Name
System1	1F		AG105MN4P...	IDU1	IDU1
System1	1F		AG105MN4P...	IDU2	IDU2
System1	1F		AG105MN4P...	IDU3	IDU3
System1	1F		AG105MN4P...	IDU4	IDU4
System1	R		AG105MN4P...	IDU5	IDU5
System1	R		AG105MN4P...	IDU6	IDU6
System1	R		AG105MN4P...	IDU7	IDU7
System1	R		AG105MN4P...	IDU8	IDU8
System3	1F		AC035MN1D...	IDU15	IDU15
System3	1F		AC035MN1D...	IDU16	IDU16
System3	1F		AC035MN1D...	IDU17	IDU17
System3	1F		AC035MN1D...	IDU18	IDU18
System4	1F		AM128NN4D...	IDU23	IDU23

- ① System Name : You can check the name of the system to which the indoor unit belongs.
- ② Floor Name : You can check the name of the floor where the indoor unit is located.
- ③ Room Name : You can check the name of the room the indoor unit is in charge of.
- ④ Model Code : You can check the model code of the indoor unit.
- ⑤ Current Name : You can check the current name of the indoor unit.
- ⑥ New Name : You can check or set a new name for the indoor unit.