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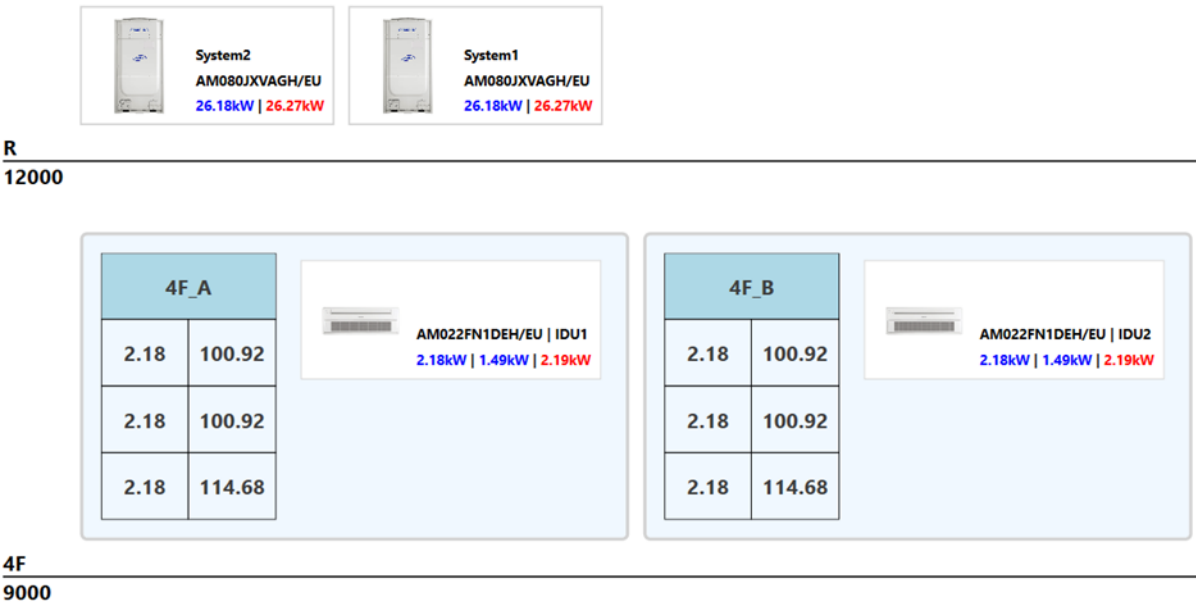
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1. Design View – Space View

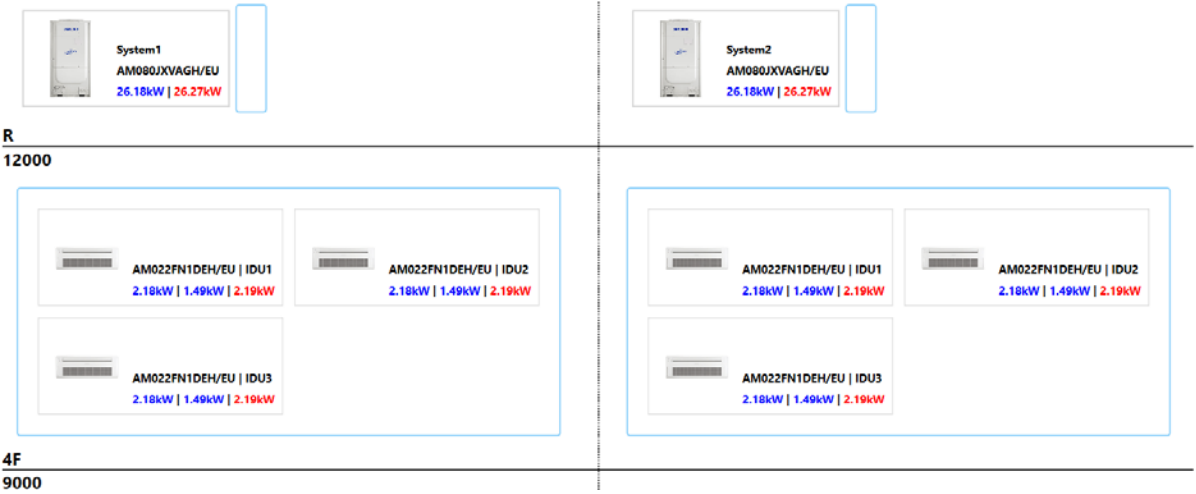
1.1. Summary

In the Space View, [View by Room Load] and [View by Equipment Location] options are supported. In the View by Room Load, you can see the load ratio of rooms and equipment. Also, In the View by Equipment Location, you can see the actual location of the equipment by the system. In addition, you can add or remove the load room for the Indoor unit, and find the equipment on the equipment/piping view by double-clicking the equipment.

View by Room Load Example

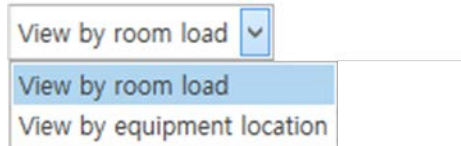


View by Equipment Location Example

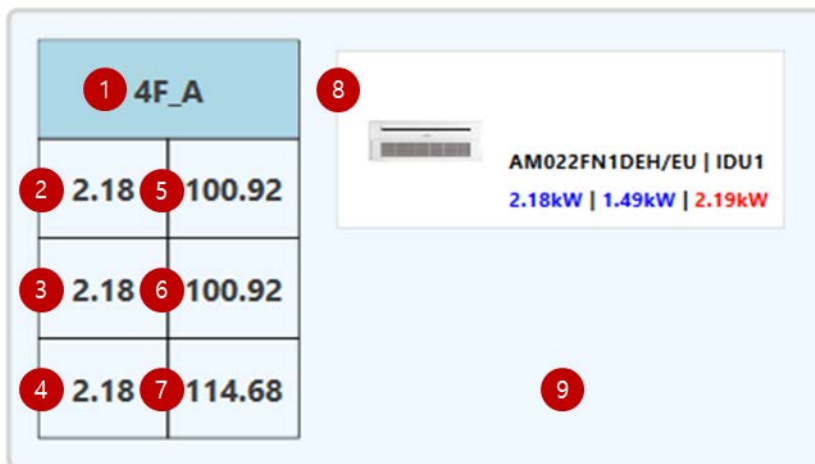


1.2. View by Room Load

The View by Room Load mode can be activated by select to [View by room load] on the top right of the view.



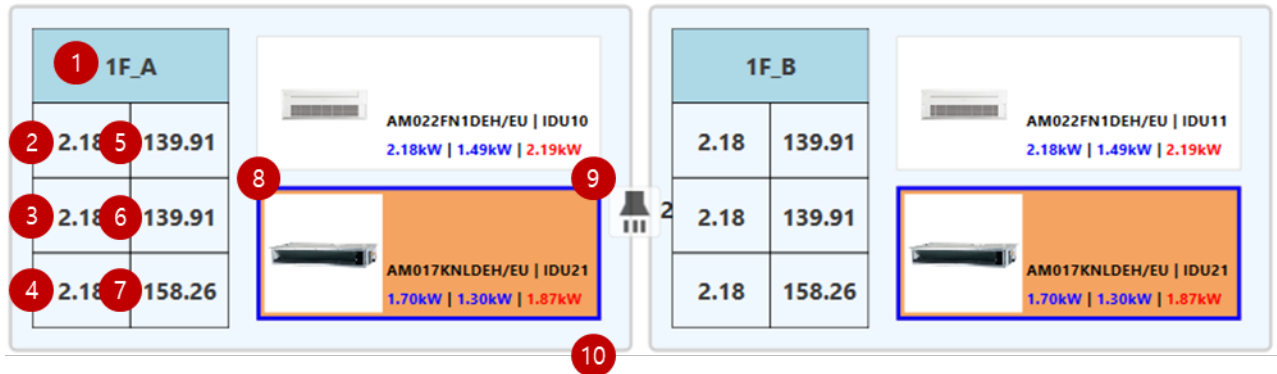
1.2.1. Equipment for a Single Room Load



- ① Room Name : Name of the Room.
- ② Required Cooling Load : Required Cooling Load of the Room.
- ③ Required Cooling Sensible Heat Load : Required Cooling Sensible Heat Load of the Room.
- ④ Required Heating Load : Required Heating Load of the Room.
- ⑤ Cooling Load Ratio : Current Cooling Load Ratio of the Room.
- ⑥ Cooling Sensible Heat Load Ratio : Current Cooling Sensible Heat Load Ratio of the Room.
- ⑦ Heating Load Ratio : Current Heating Load Ratio of the Room.
- ⑧ Equipment : A HVAC Equipment for the room. Move to another room by drag & drop.
- ⑨ Room Area : Represent the room area for the Equipment. If the Load Ratio is not meet the required load, the area color is filled with a light orange color. Otherwise, filled with a light blue color.

1.2.2. Equipment for a Multi-Room Load

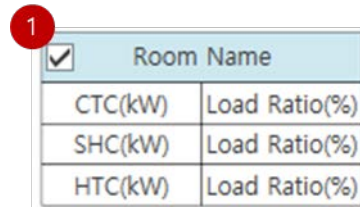
If you select Indoor unit equipment that can HVAC to multiple rooms, a diffuser icon for add a new room appears, and add the room by drag & drop it.



- ① Room Name : Name of the Room.
- ② Required Cooling Load : Required Cooling Load of the Room.
- ③ Required Cooling Sensible Heat Load : Required Cooling Sensible Heat Load of the Room.
- ④ Required Heating Load : Required Heating Load of the Room.
- ⑤ Cooling Load Ratio : Current Cooling Load Ratio of the Room.
- ⑥ Cooling Sensible Heat Load Ratio : Current Cooling Sensible Heat Load Ratio of the Room.
- ⑦ Heating Load Ratio : Current Heating Load Ratio of the Room.
- ⑧ Equipment : A HVAC Equipment for the room. Move to another room by drag & drop. When designated multi rooms to the equipment, the background color is changed to an orange color.
- ⑨ Diffuser Icon : Drag & Drop the icon to another room to add a load space of the HVAC Equipment. The beside icon number meaning is how many rooms are designate for the HVAC equipment.
- ⑩ Room Area : Represent the room area for the Equipment. If the Load Ratio is not meet the required load, the area color is filled with a light orange color. Otherwise, filled with a light blue color.

1.2.3. Room Details

Room name and Loads information can be shown or hidden by clicking the checkbox on the right top legend.



- ① Turn on/off Room Information : Room name and Load information can be shown or hidden. When set to Off, the Room name and load information are not displayed in the room area.

A table with a light blue background. The first row is a header with a red circle '2' next to the room name '2F_A'. The following three rows show load data with red circles '3', '4', and '5' next to the first column, and red circles '6', '7', and '8' next to the second column.

2 2F_A	
3 2.18	6 0.00
4 2.18	7 0.00
5 2.18	8 0.00

- ② Room Name : Name of the Room.
③ Required Cooling Load : Required Cooling Load of the Room.
④ Required Cooling Sensible Heat Load : Required Cooling Sensible Heat Load of the Room.
⑤ Required Heating Load : Required Heating Load of the Room.
⑥ Cooling Load Ratio : Current Cooling Load Ratio of the Room.
⑦ Cooling Sensible Heat Load Ratio : Current Cooling Sensible Heat Load Ratio of the Room.
⑧ Heating Load Ratio : Current Heating Load Ratio of the Room.

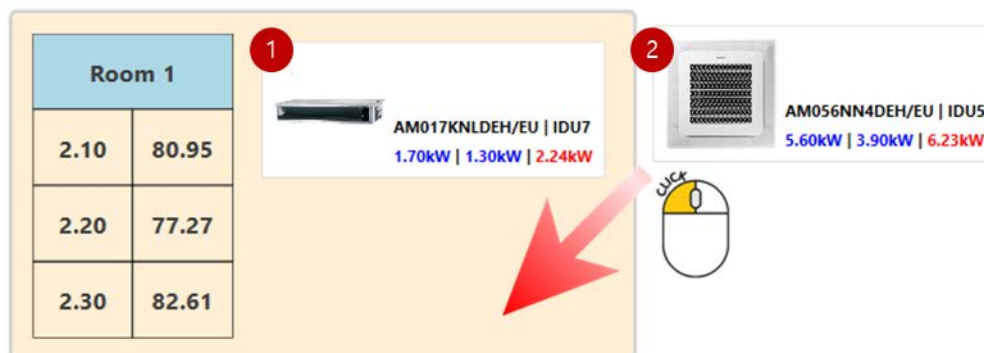
If the current load ratio is not meet the required load, the area color is filled with a light orange color.

A table with a light orange background. The first row is a header with the room name 'Room 1'. The following three rows show load data. To the right of the table is a box containing an image of a server rack and text: AM017KNLDEH/EU | IDU7, 1.70kW | 1.30kW | 2.24kW.

Room 1	
2.10	80.95
2.20	77.27
2.30	82.61

1.2.4. Equipment without load room

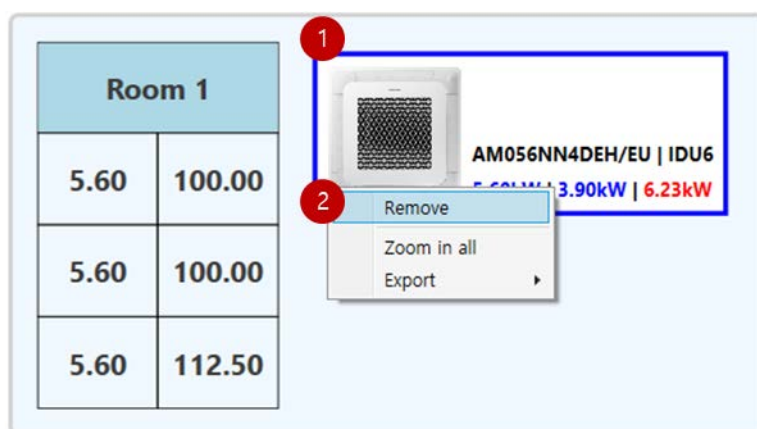
If the equipment does not have a room, the equipment is collectively displayed on the right side of the floor. Drag & Drop the equipment on the room to add a load space for the Equipment.



1F
0

- ① Equipment with room : Already the equipment has load room.
- ② Equipment without room : the equipment is collectively displayed on the right side of the floor. Drag & Drop the equipment on the room to add a load space for the Equipment.

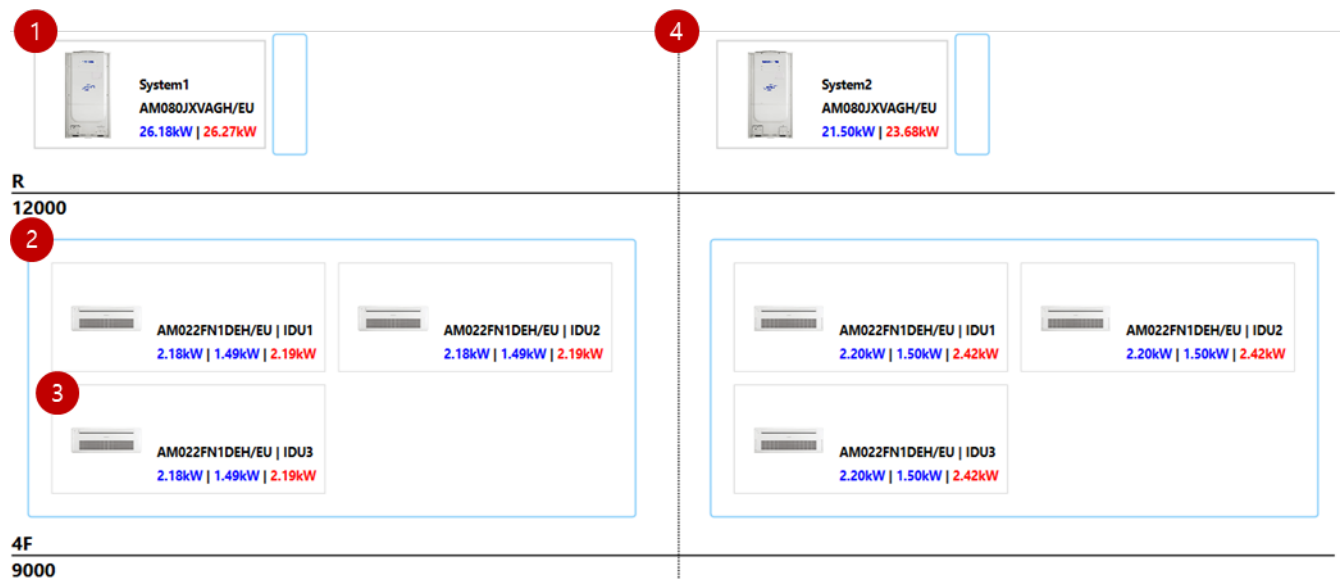
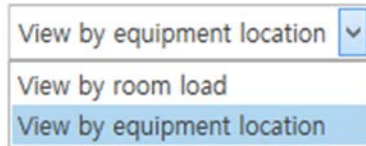
1.2.5. Equipment with load room



- ① Equipment with room : Already the equipment has load room. You can release the designated room by selecting the equipment and clicking [Remove] in the menu that appears by right mouse button clicking. by selecting the equipment and clicking [Remove] in the menu that appears by right mouse button clicking.
- ② Remove the room : Release the designated room of this equipment. If the equipment does not have load room, the equipment is moved to the right side of the floor.

1.3. View by Equipment Location

The View by Room Load mode can be activated by select to [View by equipment location] on the top right of the view.

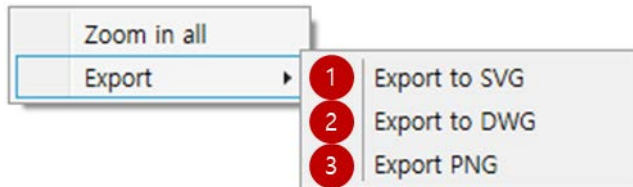


- ① Outdoor Unit : The Outdoor unit of the system.
- ② Room Group : Represent the room area box for the Equipment.
- ③ Indoor Unit : The Indoor units of the system.
- ④ System Boundary Line : A Boundary line that visually divides the between systems.

1.4. Common Features

1.4.1. Export

Export the current view to a specific image and drawing file by executing the [Export] menu of the right mouse button in the Space View.



- ① Export to SVG: Export to an SVG vector image file.
- ② Export to DWG: Exports to a DWG drawing file.
- ③ Export to PNG: Export to a PNG image file.

1.4.2. Selection Synchronize

If you double-click an Equipment in the Space View, the corresponding equipment in the Equipment/Piping view is enlarged.



1F_A		
2.18	137.24	AM022FN1DEH/EU IDU10 2.18kW 1.49kW 2.19kW
2.18	137.24	
2.18	155.28	AM017KNLDEH/EU IDU21 1.70kW 1.30kW 1.87kW