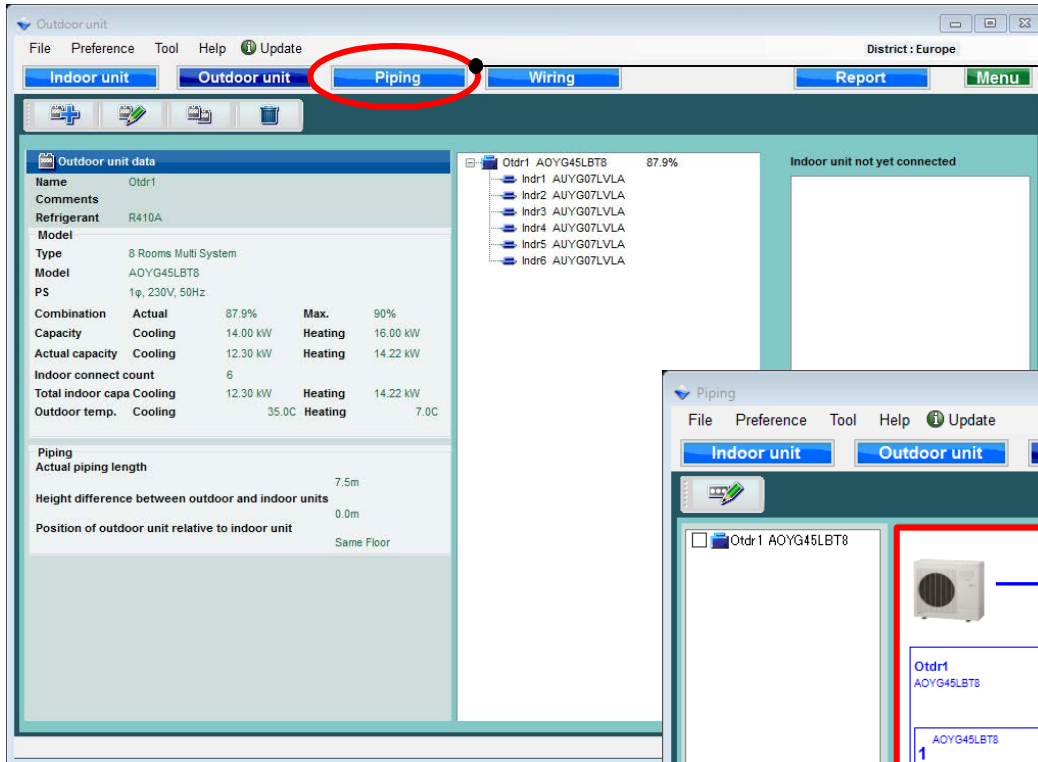


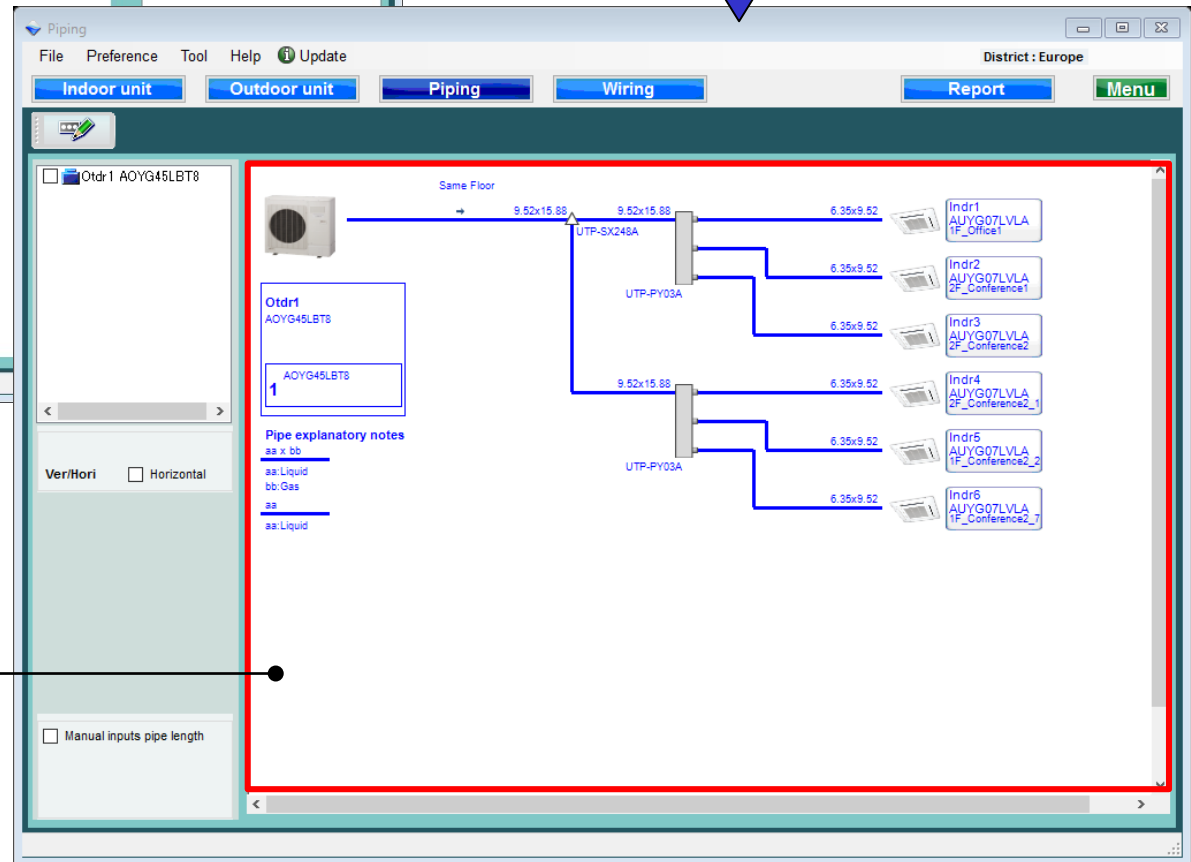
Piping settings

Design Simulator



Select "Piping"

Piping system diagram creation

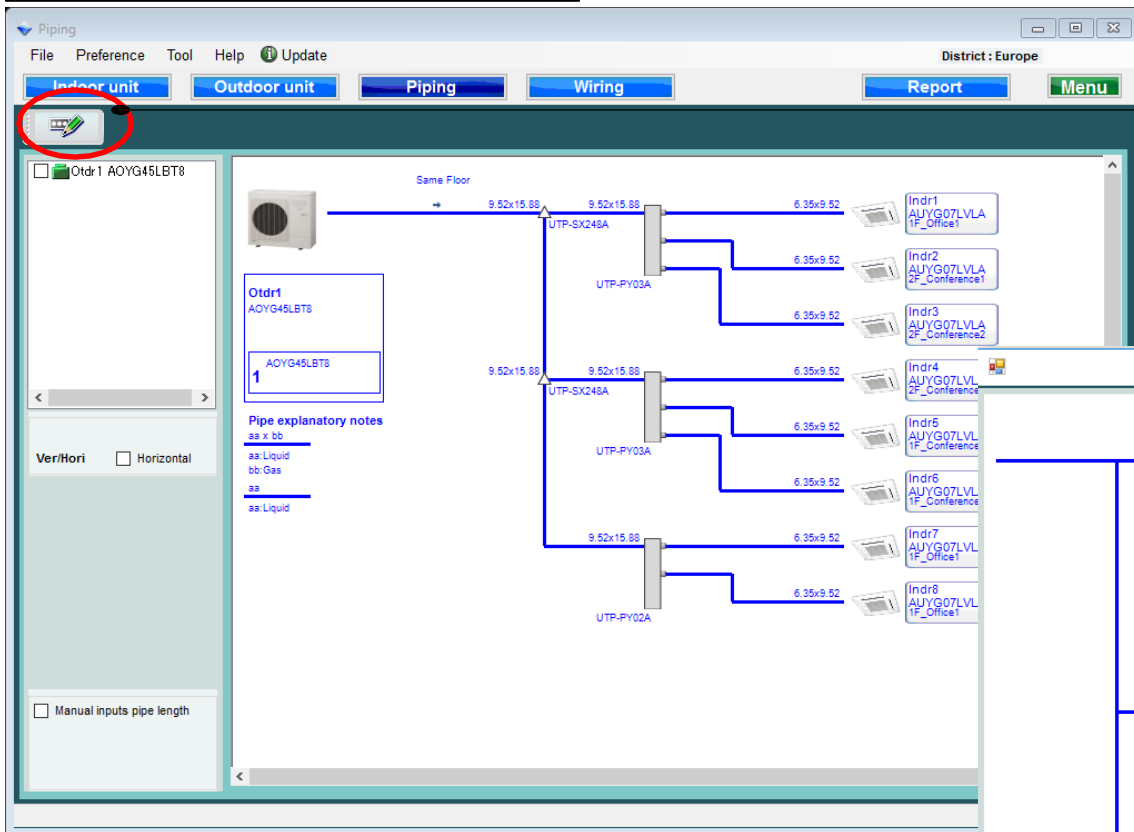


Pipe diameter , model names of outdoor unit , indoor units and connection units are displayed.

Piping settings

Design Simulator

Modify indoor (1/3)

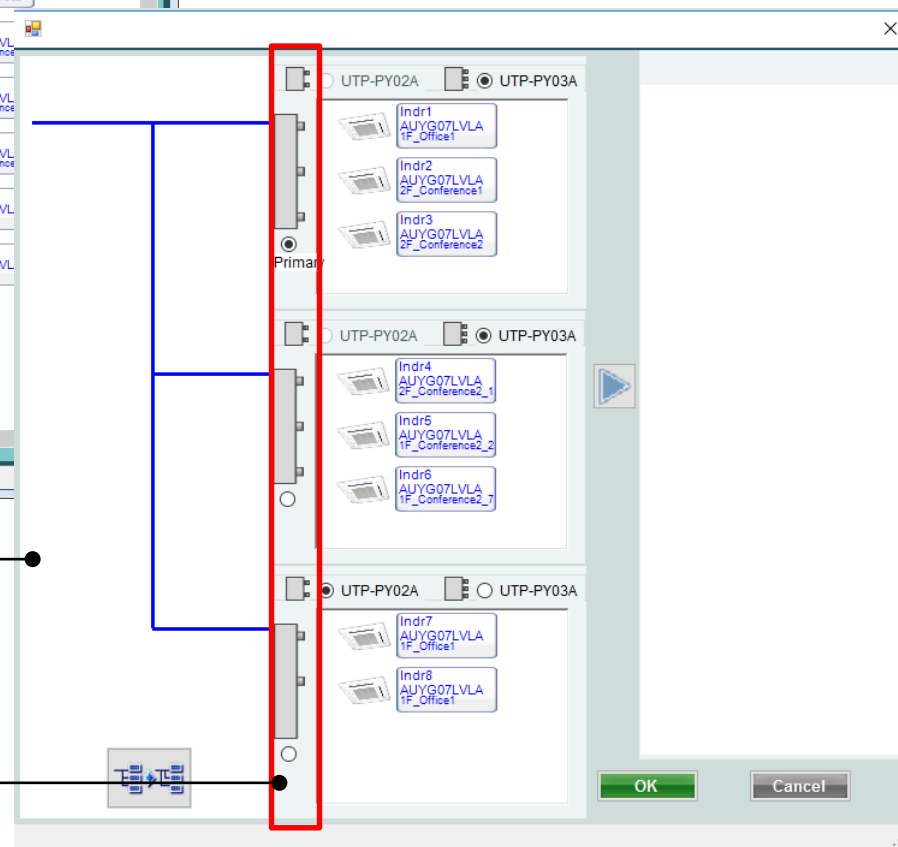


Select Modify indoor



Indoor unit connection method
using Junction Box can be changed

Select Junction Box type
Select Primary Junction Box

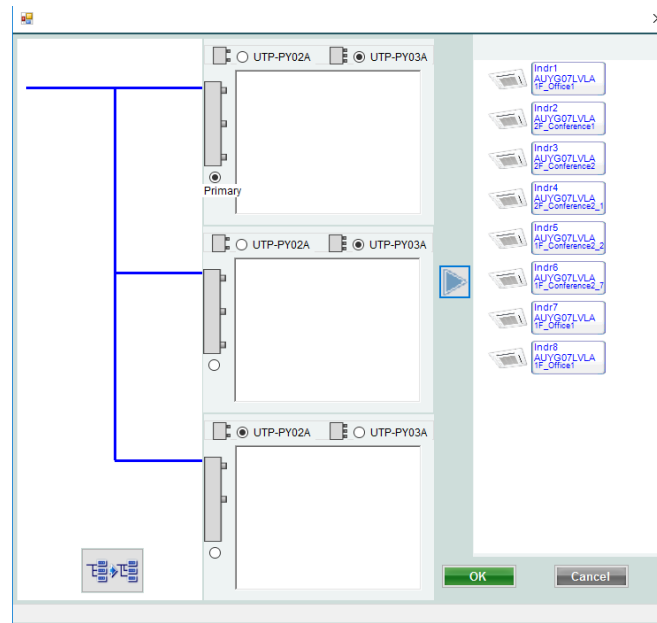
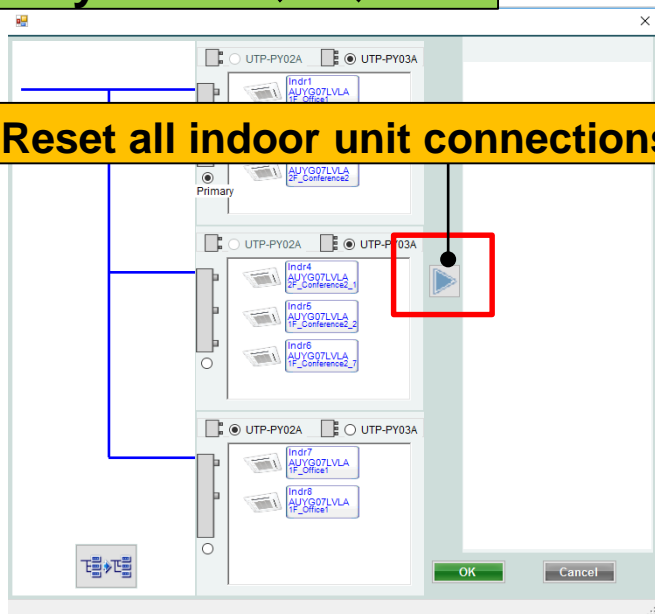


Piping settings

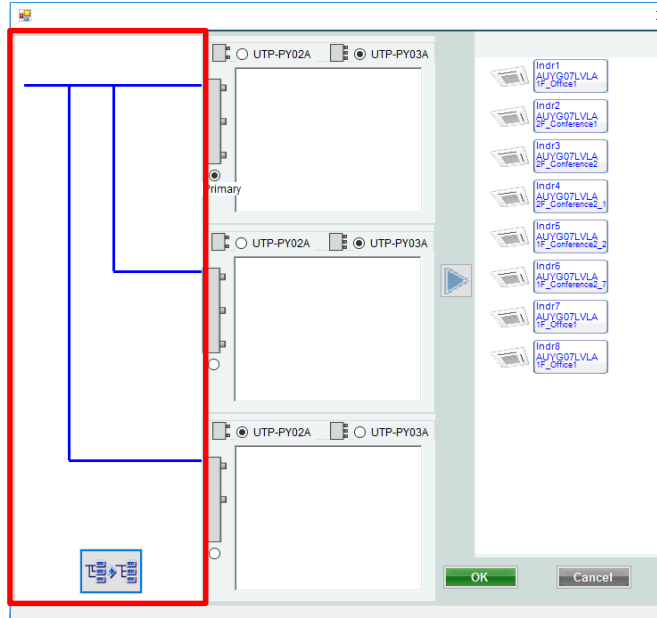
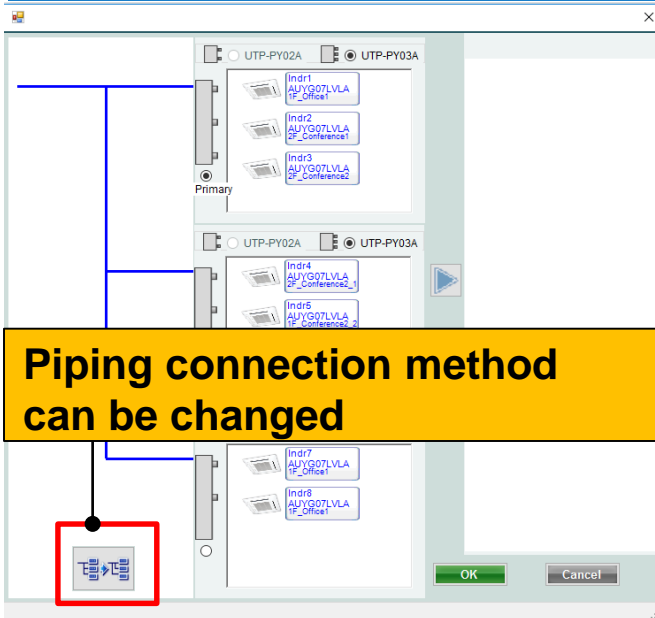
Design Simulator

Modify indoor (2/3)

Reset all indoor unit connections



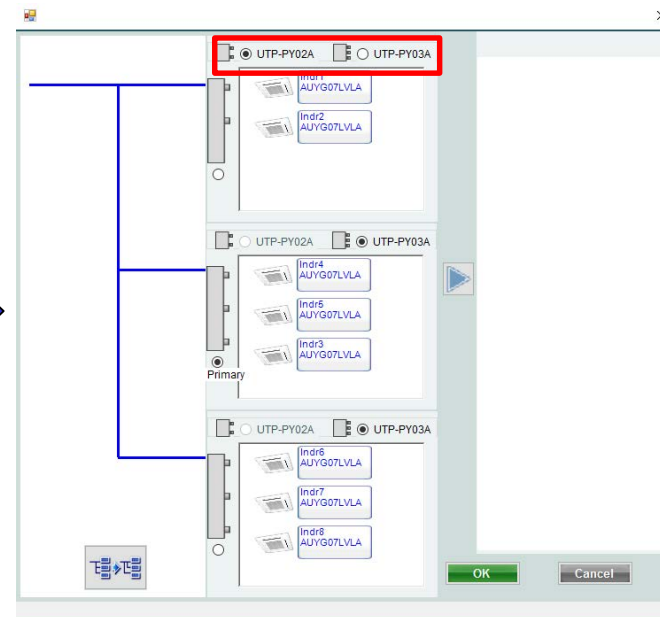
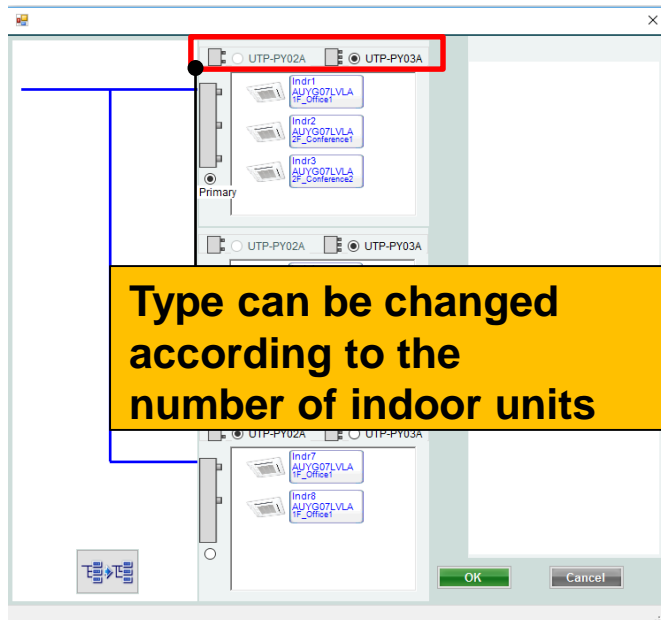
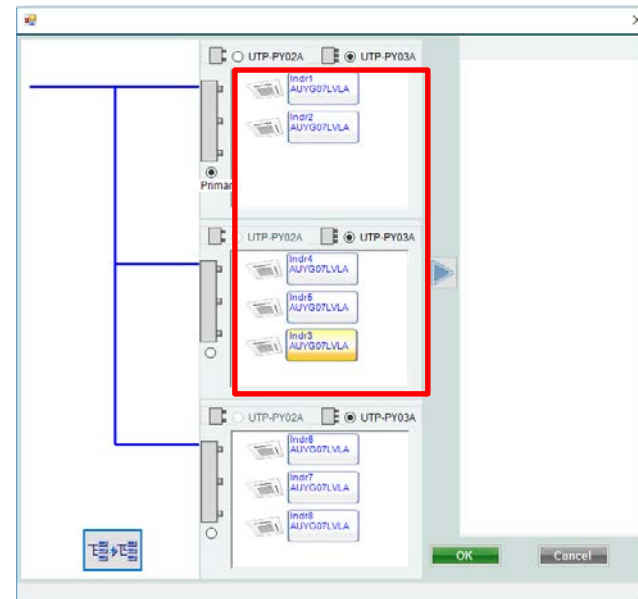
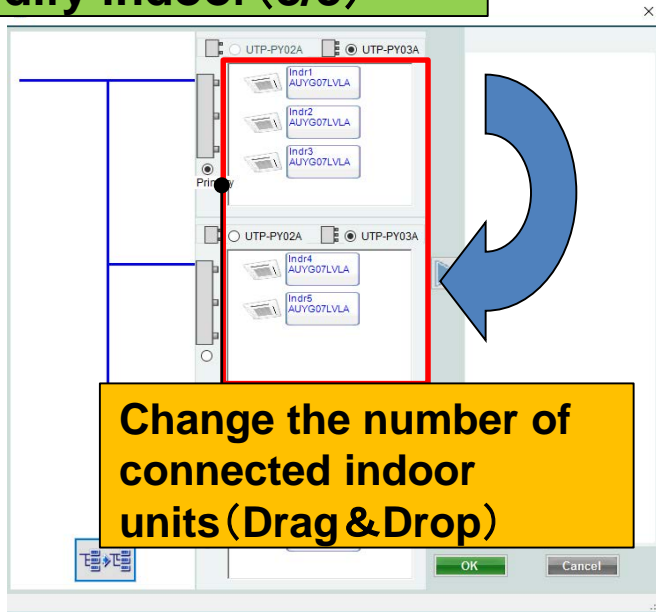
Piping connection method can be changed



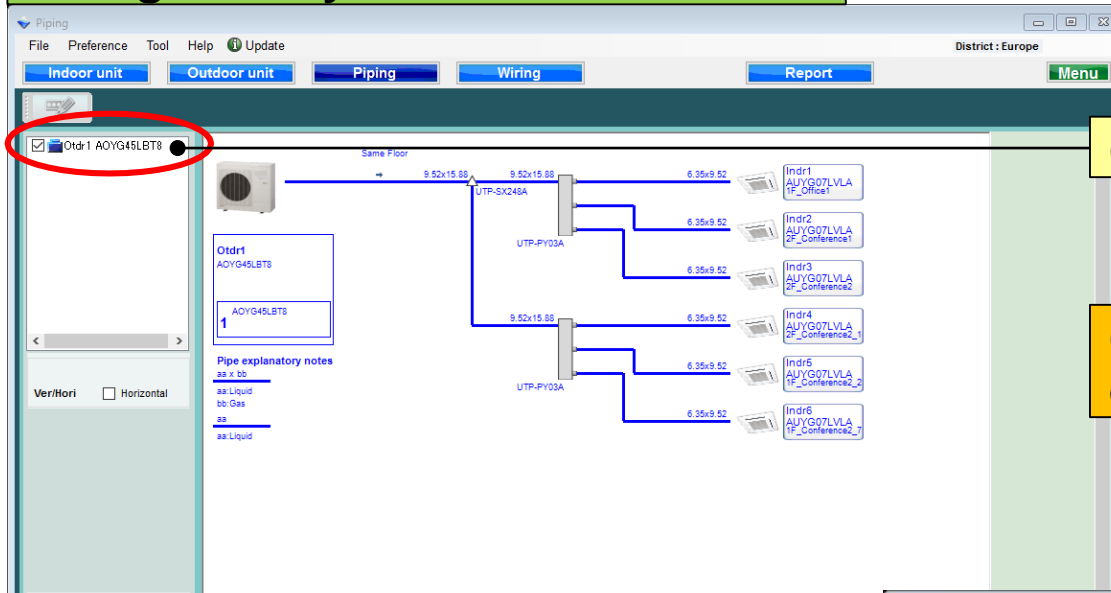
Piping settings

Design Simulator

Modify indoor (3/3)

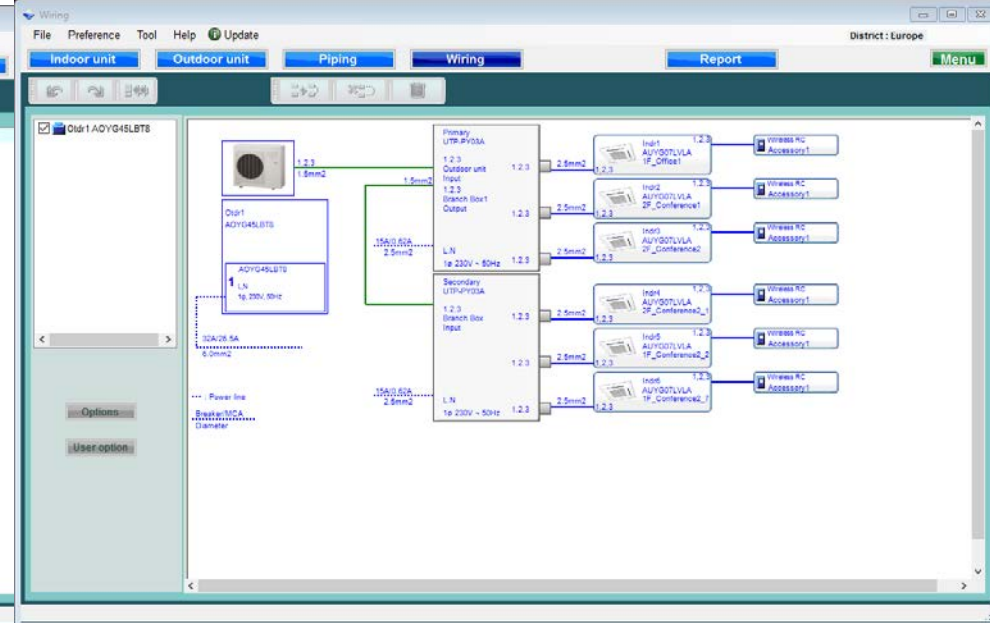
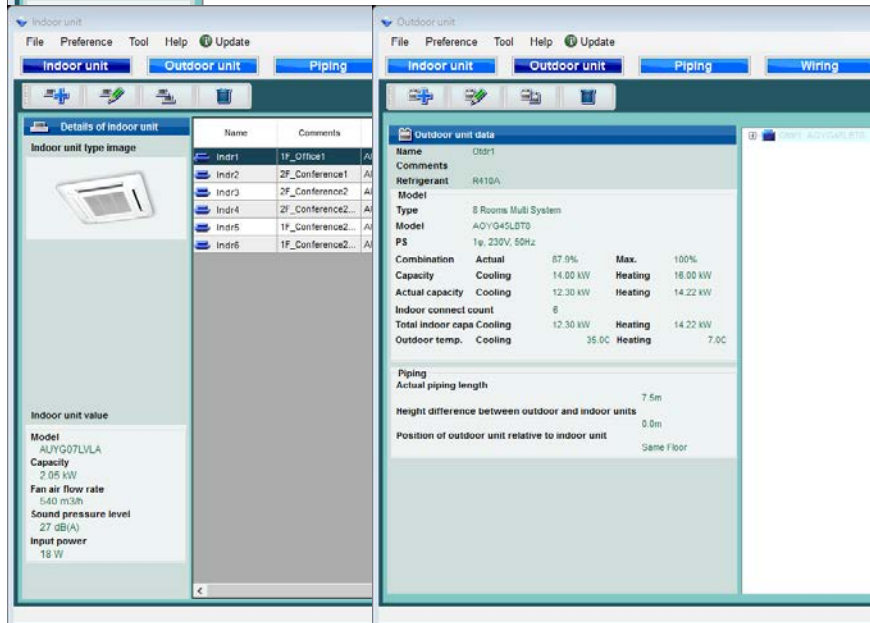


Refrigerant system determination

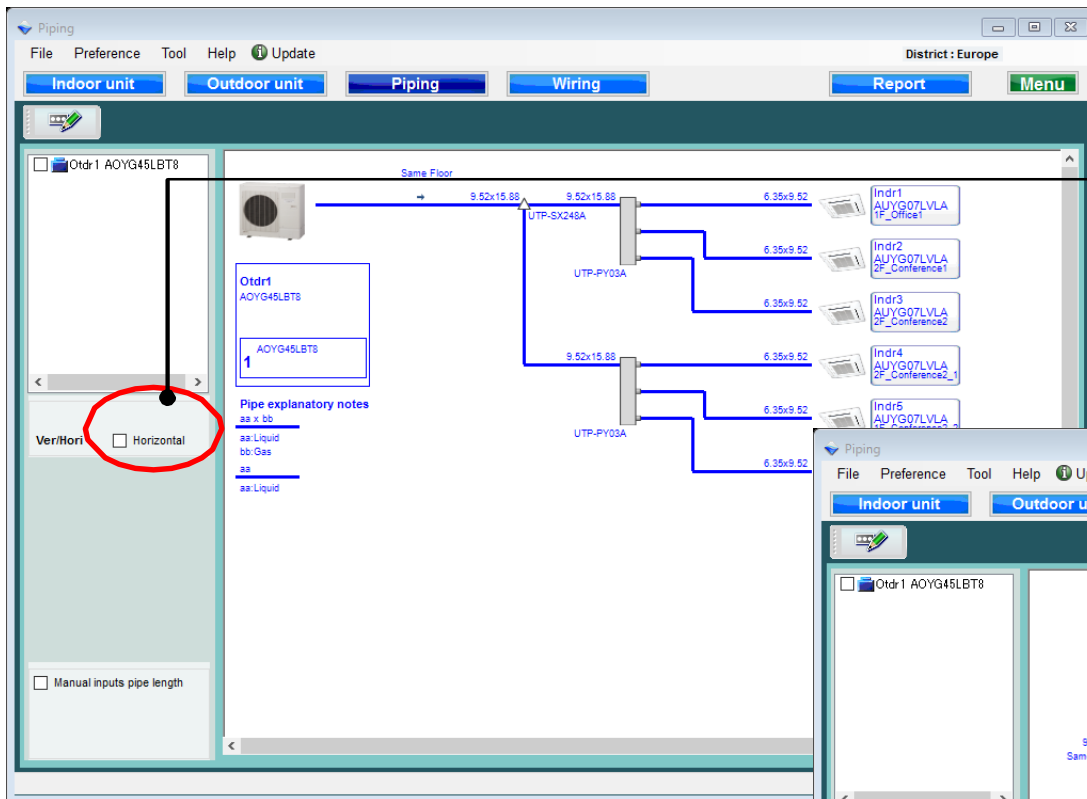


Check the refrigerant system

Checked refrigerant system
cannot be edited at each screen

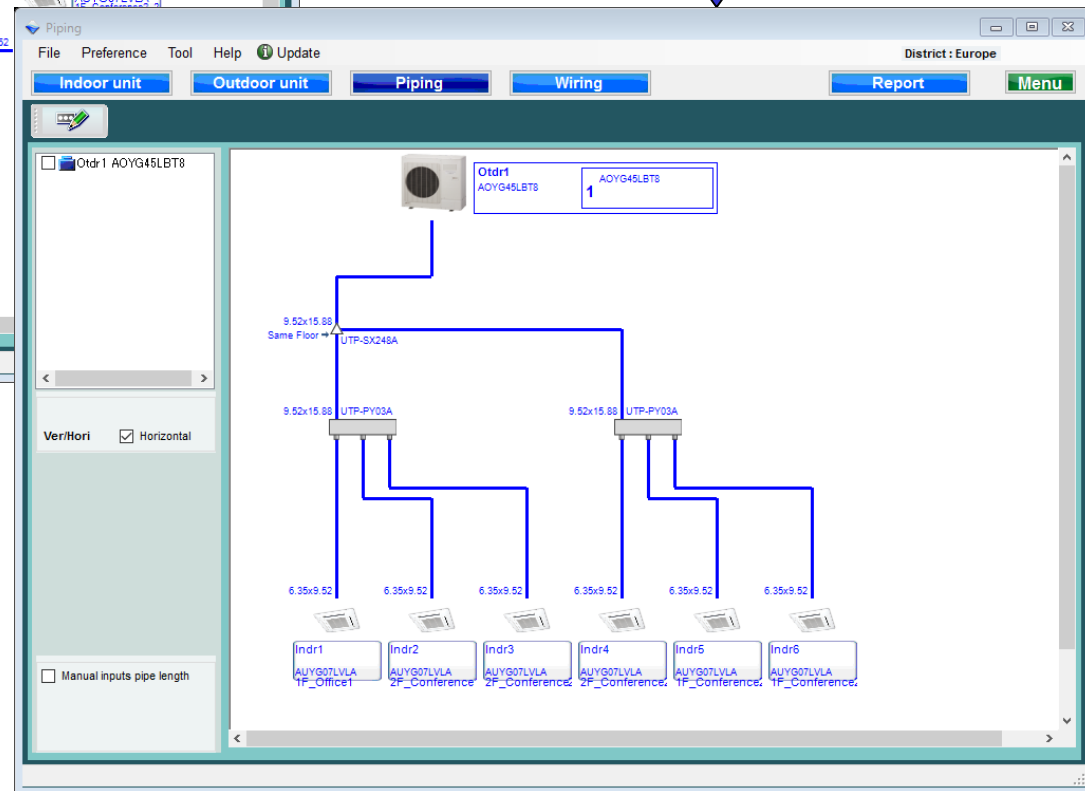


Horizontal view



Select "Horizontal"

It changed to the Horizontal view.



Manual input pipe length (1/5)

Select "Manual input pipe length"

Open pipe length selection screen

The screenshot displays the 'Piping' settings window in the Design Simulator. The main window shows a piping diagram with various components like 'Otr1 AOYG45LBT8', 'Indr1 AUYG07LVLA 1F_Office1', and 'Indr2 AUYG07LVLA 2F_Conference1'. A red circle highlights the 'Manual inputs pipe length' checkbox in the bottom left corner of the main window. A blue arrow points from this checkbox to a yellow box containing the text 'Select "Manual input pipe length"'. Another blue arrow points from this yellow box to an orange box containing the text 'Open pipe length selection screen'. The 'Input pipe length' dialog box is open in the center, featuring a 'Pipe length' input field with a unit 'm' and a 'Finish' button. Below the dialog box, the 'Pipe explanatory notes' section is visible, showing 'aa x bb' and 'aa Liquid'. At the bottom of the main window, the 'Manual inputs pipe length' checkbox is checked, and the 'Pipe length' button is highlighted.

Manual input pipe length (2/5)

Input the pipe length

Select each pipe

After all lengths are registered, select "Finish"

The screenshot displays the Design Simulator interface during the manual input of pipe lengths. The 'Input pipe length' dialog box is open, showing a 'Pipe length' field with the value '25' and a 'Finish' button. The background shows a piping diagram with various indoor and outdoor units connected by pipes. The 'Piping' window is also visible, showing the 'Indoor unit' tab and a list of units. The 'Pipe length' field is highlighted with a red circle, and the 'Finish' button is also highlighted with a red circle. The 'Piping' window shows a list of units including 'Indr1 AUYG07LVLA 1F_Office1', 'Indr2 AUYG07LVLA 2F_Conference1', 'Indr3 AUYG07LVLA 2F_Conference2', 'Indr4 AUYG07LVLA 1F_Conference2_2', 'Indr5 AUYG07LVLA 1F_Conference2_3', and 'Indr6 AUYG07LVLA 1F_Conference2_4'. The 'Pipe length' field is set to 25, and the 'Finish' button is highlighted.

Piping settings

Design Simulator

Manual input pipe length (3/5)

The screenshot shows the 'Piping' software interface with the 'Piping' tab selected. A red circle highlights a warning message in the 'Error message' section: 'Pipe length between master outdoor unit and the farthest indoor unit must be less than 15.0m. The pipe length between the branch box and the indoor unit must be less than 15.0m.' The interface also displays a piping diagram with various components and a list of indoor units on the right.

It is different in the design pipe length and the actual pipe length.

A warning provides error information when information has not been entered or exceeds the restrictions.

Repeat again , then select "Finish"

The screenshot shows the 'Piping' software interface with the 'Input pipe length' dialog box open. The 'Pipe length' field is set to 5.0 m. A red circle highlights the 'Finish' button. The background shows the same piping diagram as the previous screenshot.

Manual input pipe length (4/5)

The screenshot displays the 'Piping' window of the Design Simulator. The interface includes a menu bar (File, Preference, Tool, Help, Update), a toolbar, and a main workspace. The workspace shows a piping layout with an outdoor unit (Otdr1 AOYG45LBT8) connected to indoor units (Indr1 through Indr6) via pipes. The pipes are labeled with dimensions and lengths. The left sidebar contains a list of components and a 'Pipe explanatory notes' section. The bottom left panel shows the 'Manual inputs pipe length' section, which is highlighted with a red circle. This section includes fields for 'Actual piping length' (35.0m) and 'Additional refrigerant' (5.8lbs), both of which are also circled in red. Below these fields are checkboxes for 'Manual inputs pipe length' and buttons for 'Pipe length' and 'Reset length'. The right side of the interface shows a list of indoor units with their respective dimensions and lengths.

**Actual piping length display :
declared and registered length**

**Additional charge refrigerant amount are
automatically calculated and displayed.**

Piping settings

Design Simulator

Manual input pipe length (5/5)

Select Reset length

Select Y or N

Reset length

