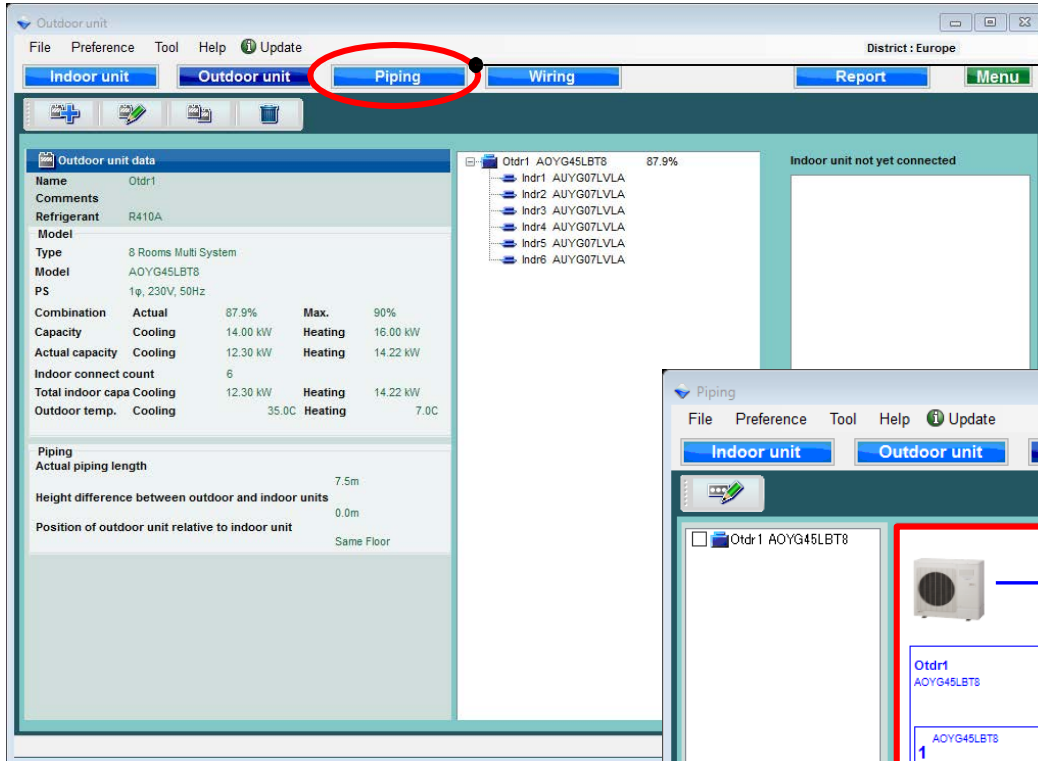


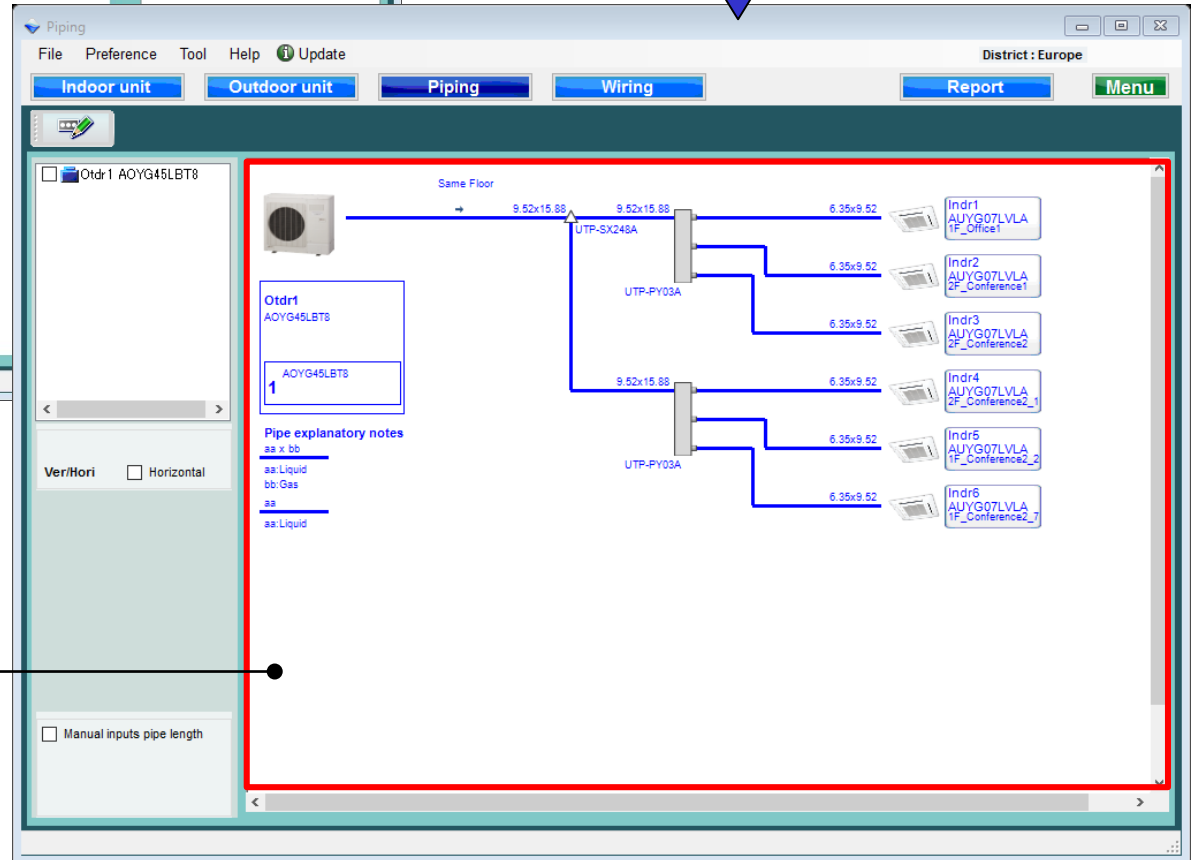
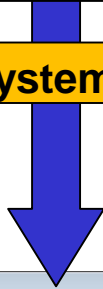
Piping settings

Design Simulator



Select "Piping"

Piping system diagram creation



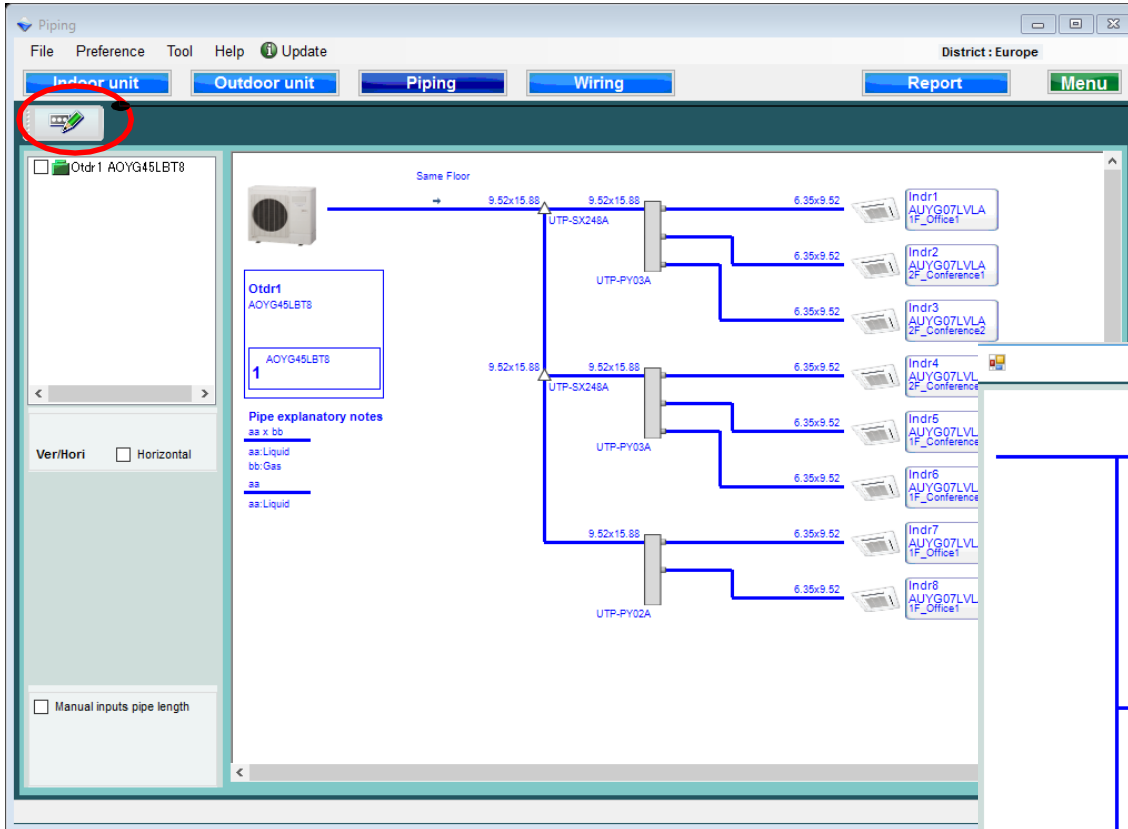
Pipe diameter , model names of outdoor unit , indoor units and connection units are displayed.

Piping settings

Design Simulator

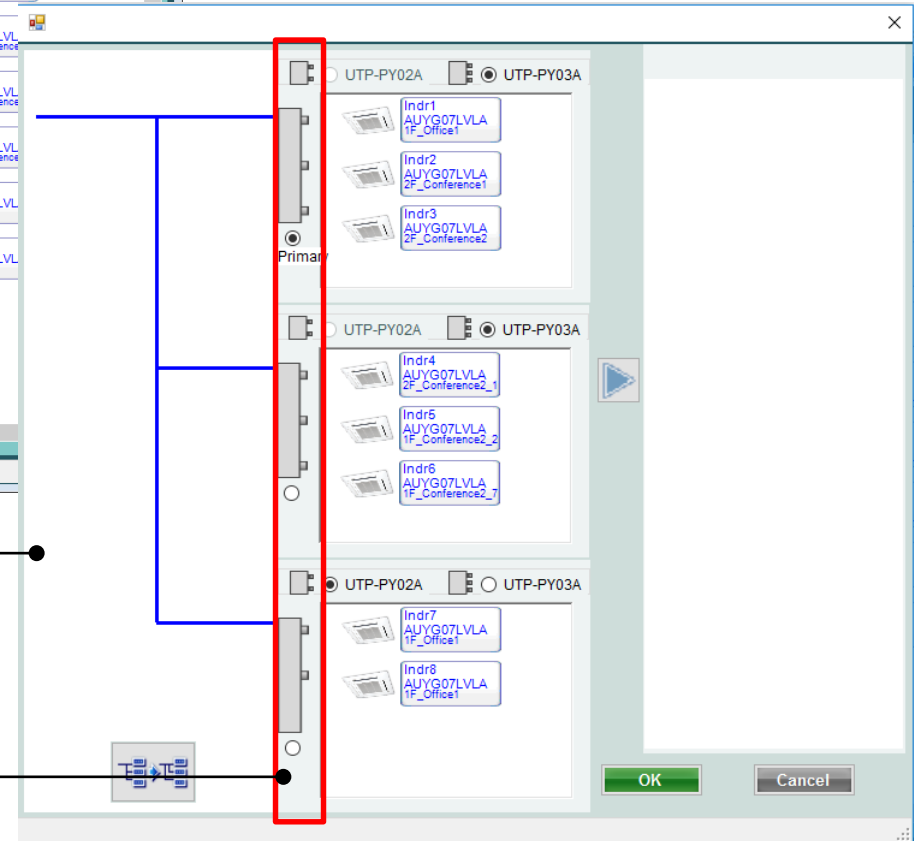
Modify indoor (1/3)

Select Modify indoor



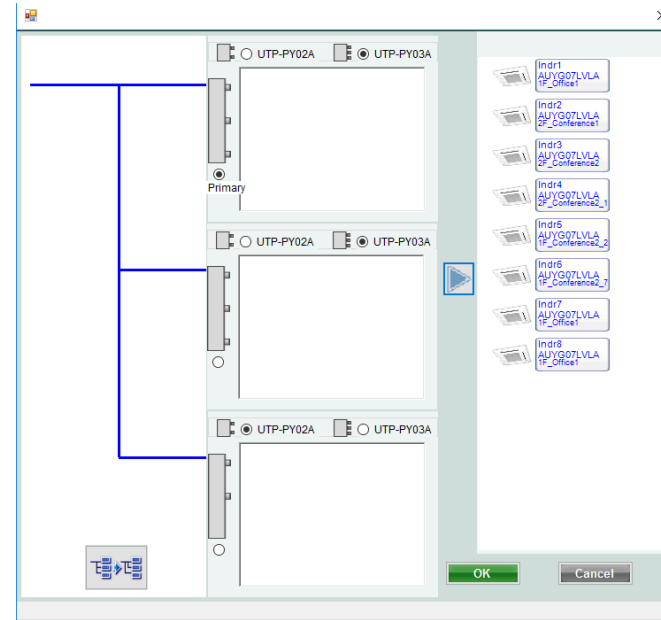
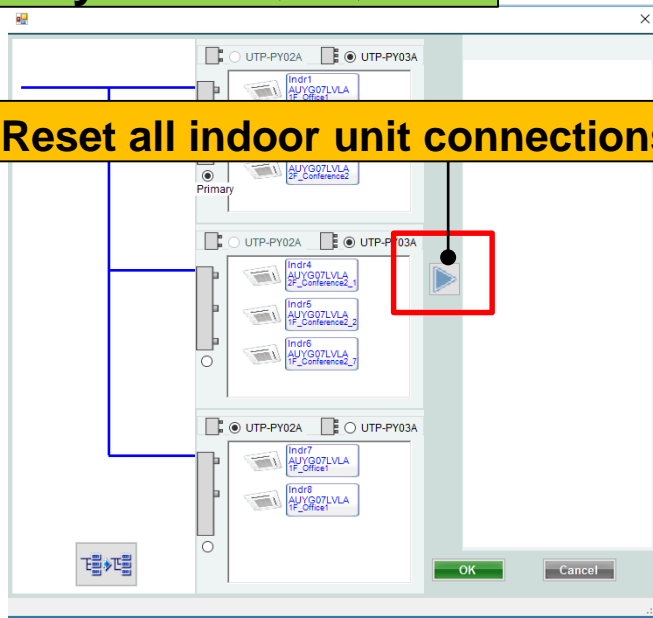
Indoor unit connection method using Junction Box can be changed

Select Junction Box type
Select Primary Junction Box

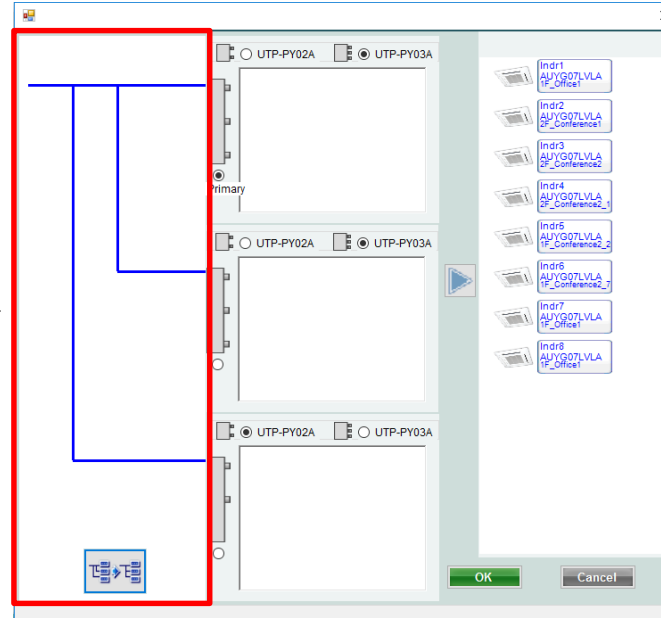
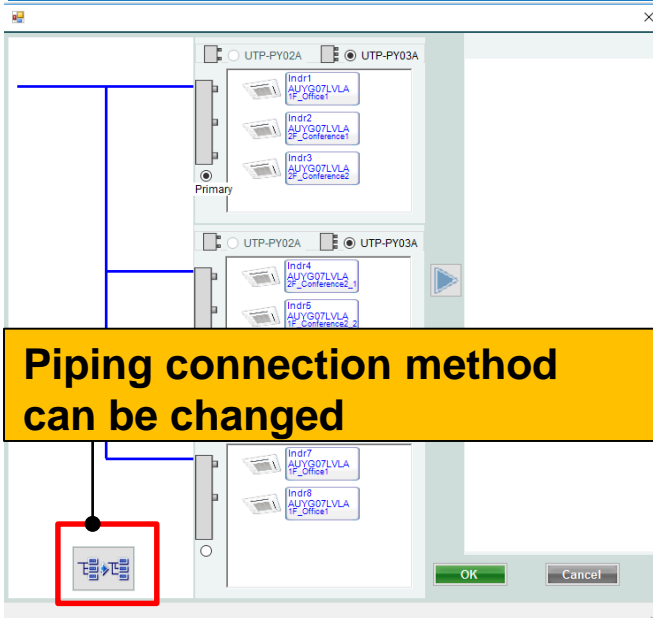


Modify indoor (2/3)

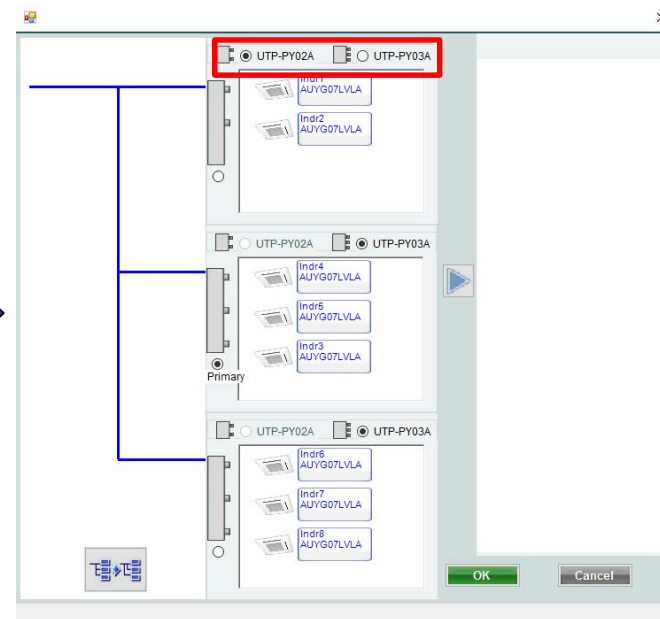
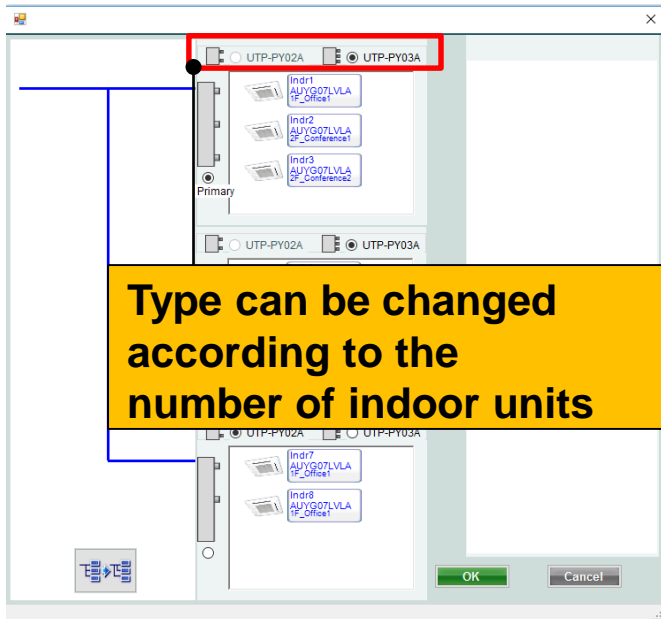
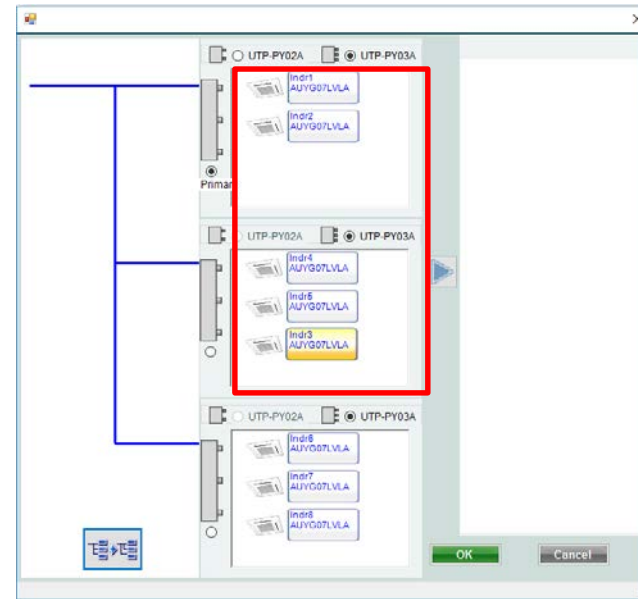
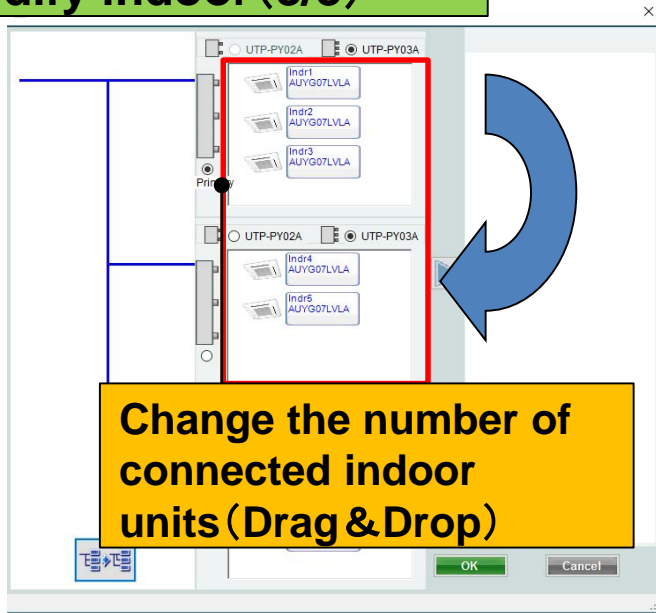
Reset all indoor unit connections



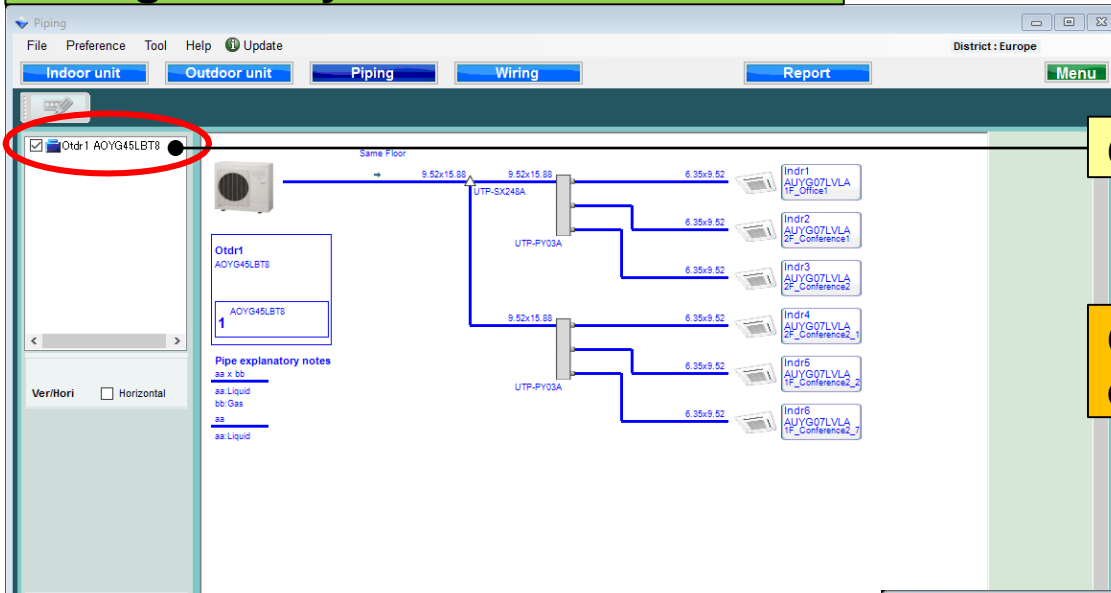
Piping connection method can be changed



Modify indoor (3/3)

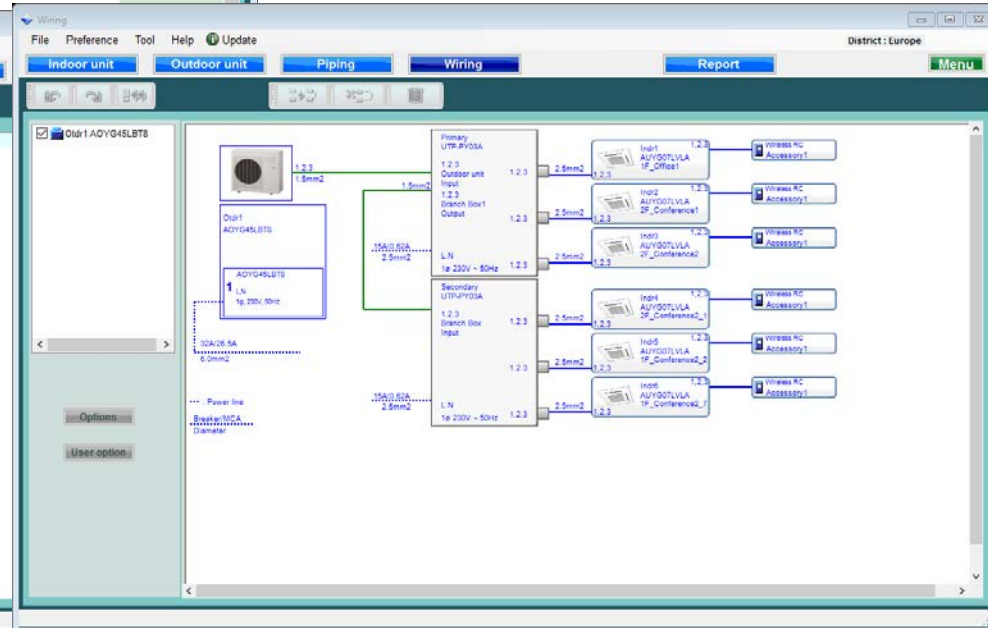
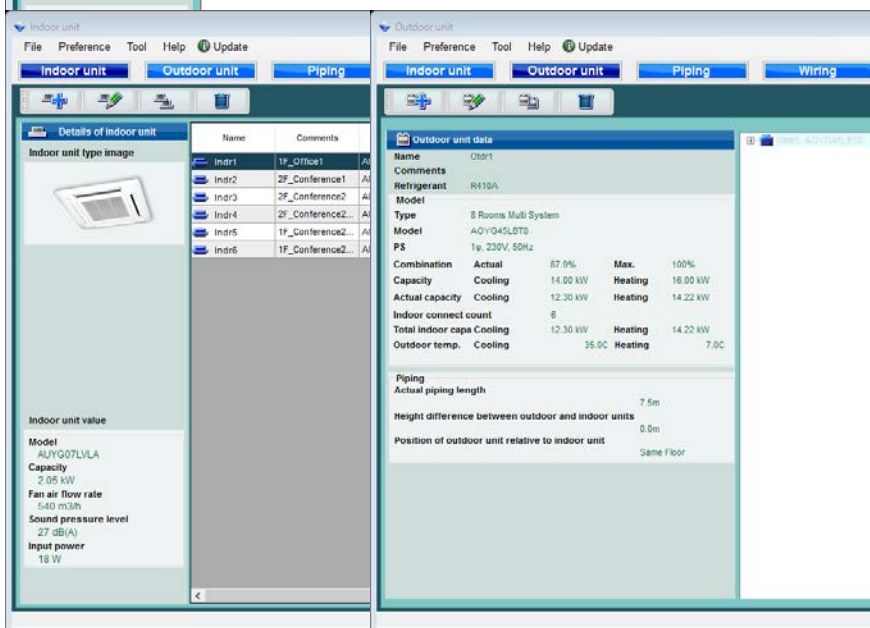


Refrigerant system determination



Check the refrigerant system

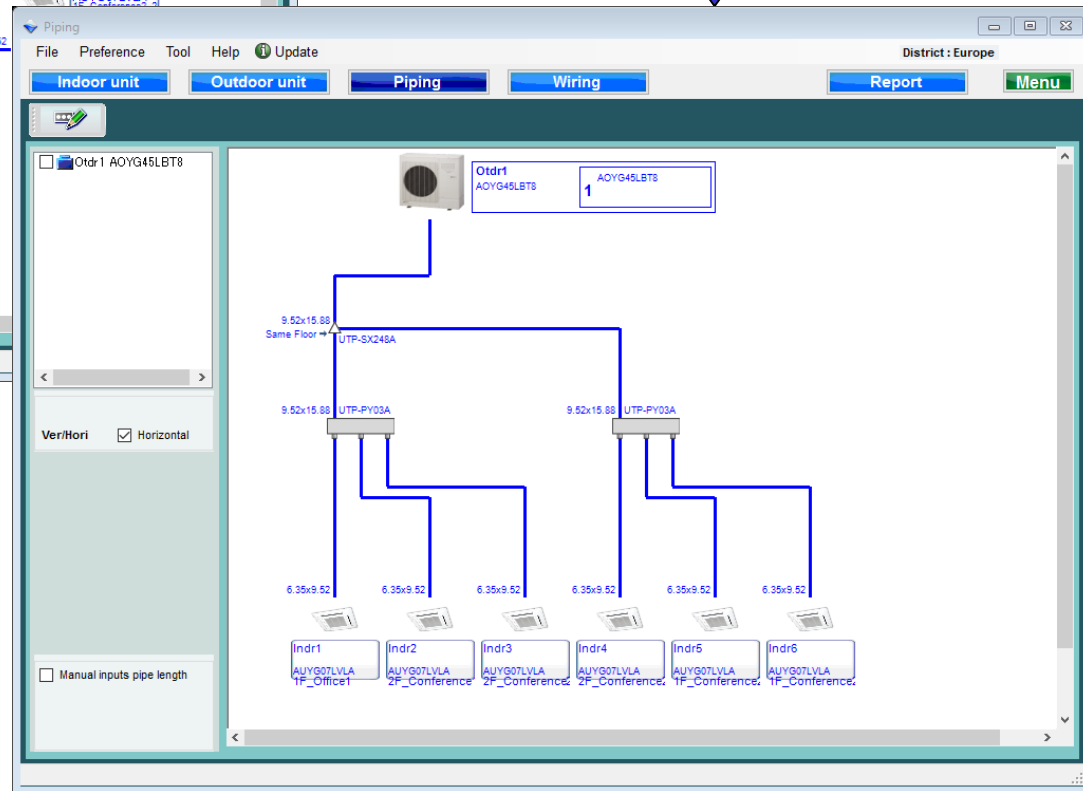
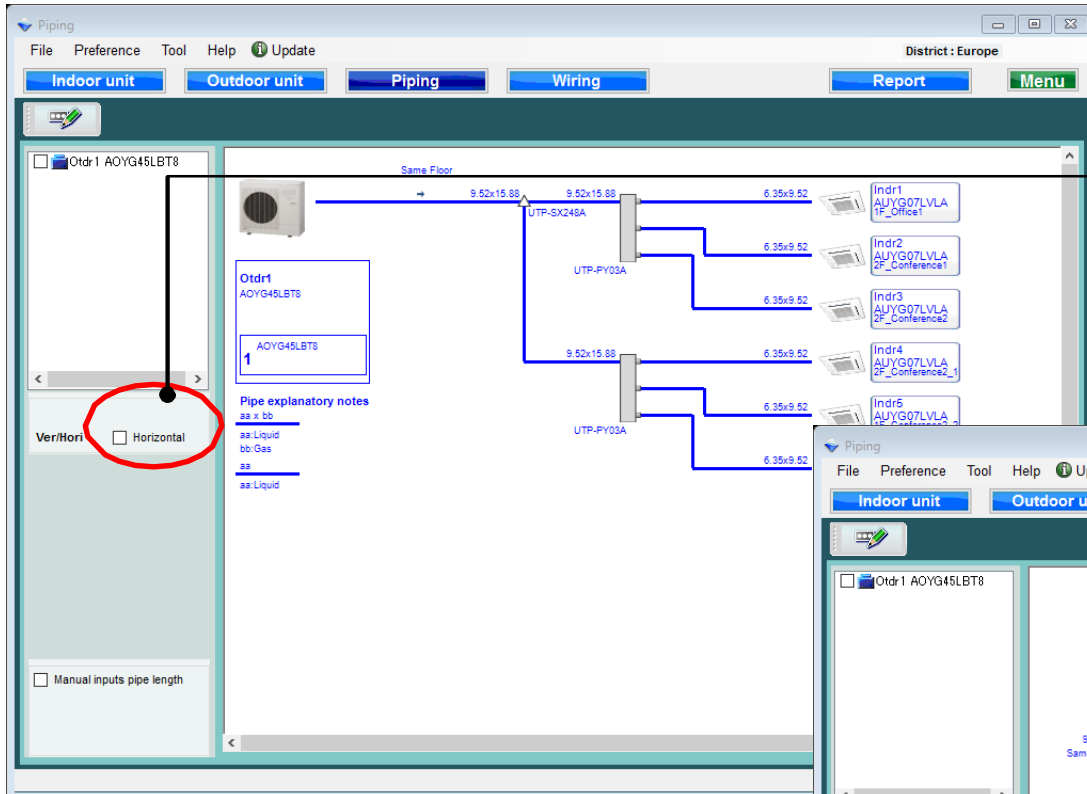
Checked refrigerant system cannot be edited at each screen



Horizontal view

Select "Horizontal"

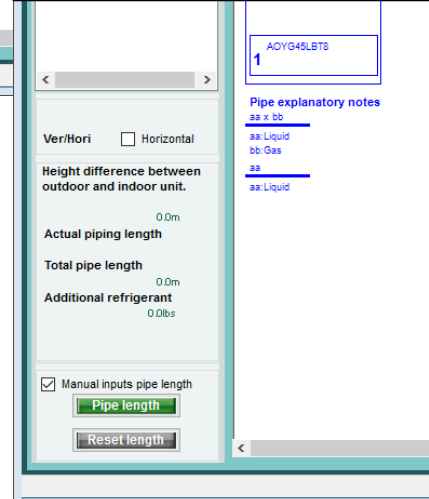
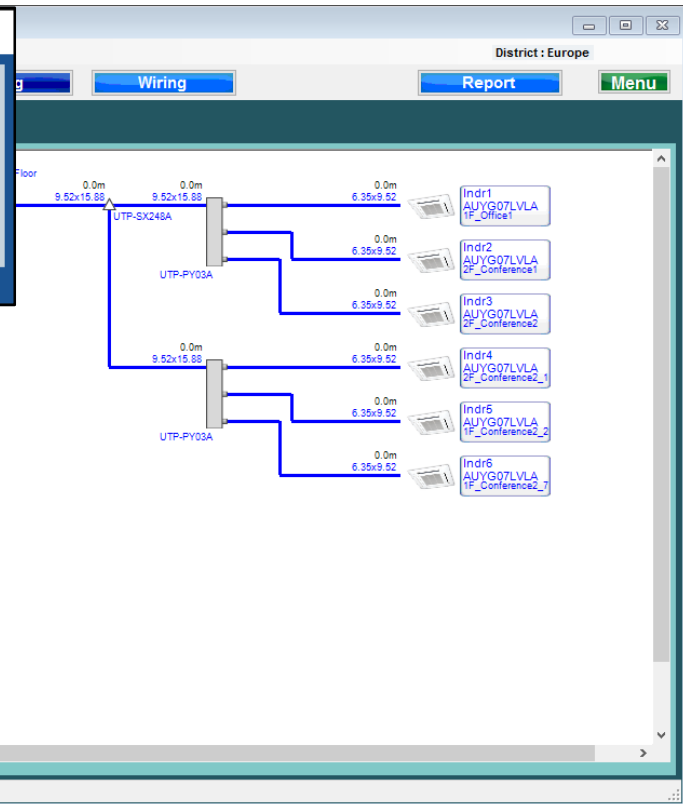
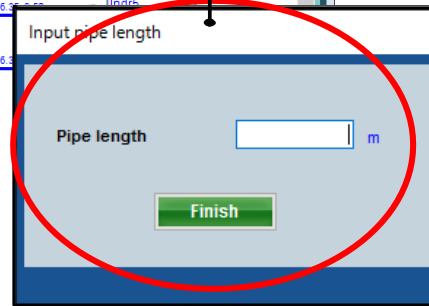
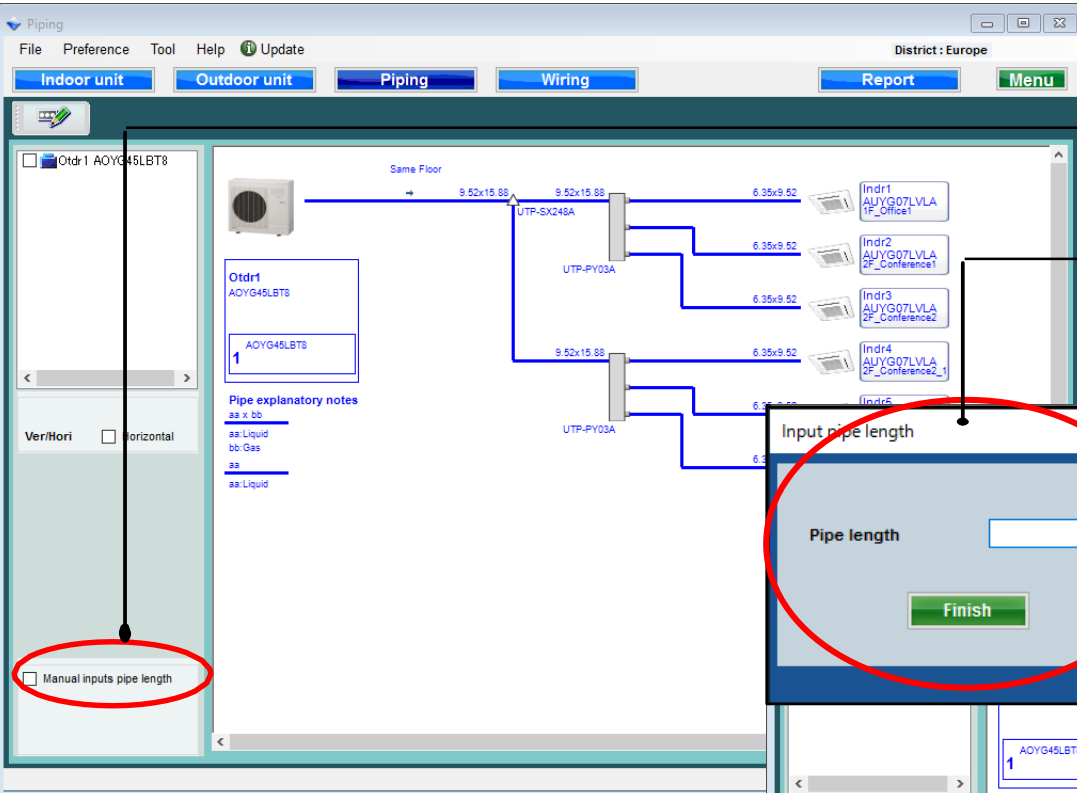
It changed to the Horizontal view.



Manual input pipe length (1/5)

Select "Manual input pipe length"

Open pipe length selection screen



Manual input pipe length (2/5)

Input the pipe length

Select each pipe

After all lengths are registered, select "Finish"

Manual input pipe length (3/5)

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

Repeat again , then select "Finish"

Warning message: Pipe length between master outdoor unit and the farthest indoor unit must be less than 15.0m.

Actual piping length: 75.0m

Total pipe length: 1.05.0m

Additional refrigerant: 9.3lbs

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

Input pipe length dialog box:

Pipe length: 5.0 m

Finish button

Manual input pipe length (4/5)

The screenshot displays the 'Piping' software interface. The main window shows a piping diagram with an outdoor unit (Otdr1 AOYG45LBT8) connected to six indoor units (Indr1 through Indr6). The diagram includes pipe segments with labels like 'Same Floor', '5.0m', '9.52x15.88', '25.0m', '5.0m', and '6.35x9.52'. The software also shows a list of indoor units on the right side.

On the left side, the 'Piping' tab is active, showing the configuration for 'Otdr1 AOYG45LBT8'. The 'Pipe explanatory notes' section lists 'aa: Liquid', 'bb: Gas', and 'aa: Liquid'. The 'Actual piping length' is set to 35.0m, and the 'Additional refrigerant' is set to 5.8lbs. The 'Manual inputs pipe length' checkbox is checked, and the 'Pipe length' button is highlighted.

Two yellow callout boxes provide additional information:

- 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)

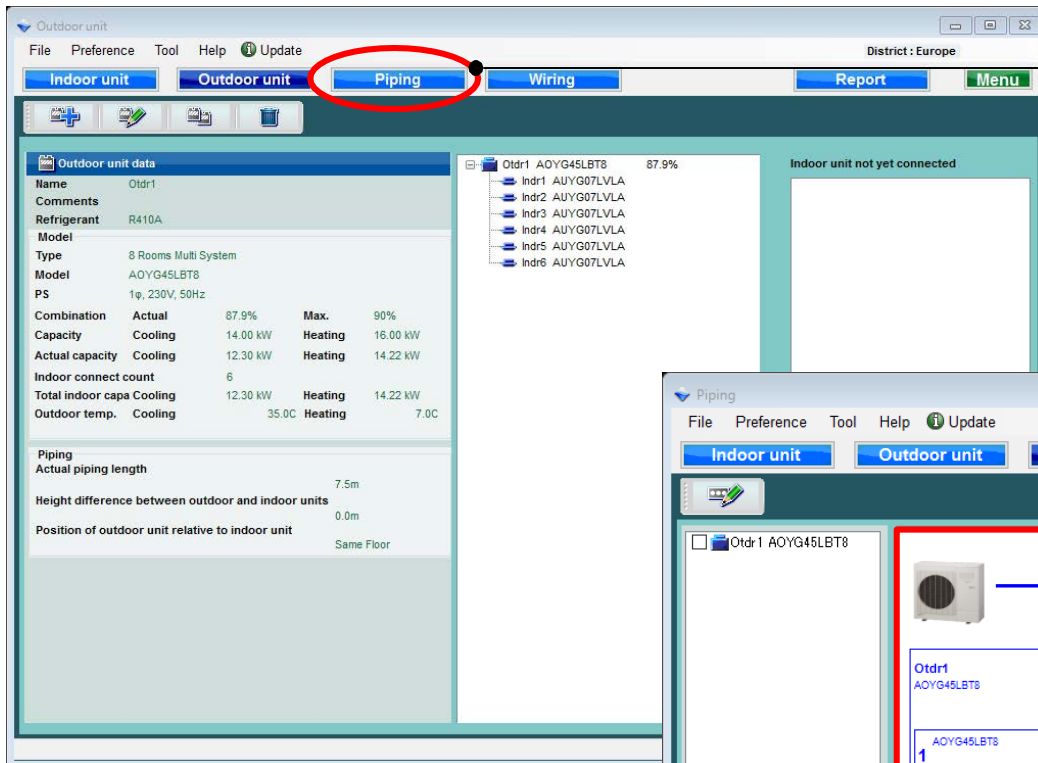
The screenshot shows the 'Piping' software interface. On the left, a sidebar contains settings for 'Otdr1 AOYG45LBT8'. The 'Manual inputs pipe length' checkbox is checked, and the 'Reset length' button is circled in red. The main workspace displays a piping diagram with various indoor units (Indr1 to Indr6) and their connections. A 'NewVRF' dialog box is overlaid in the center, asking 'Is it reset the all pipe length?' with 'はい(Y)' and 'いいえ(N)' buttons.

Select Reset length

Select Y or N

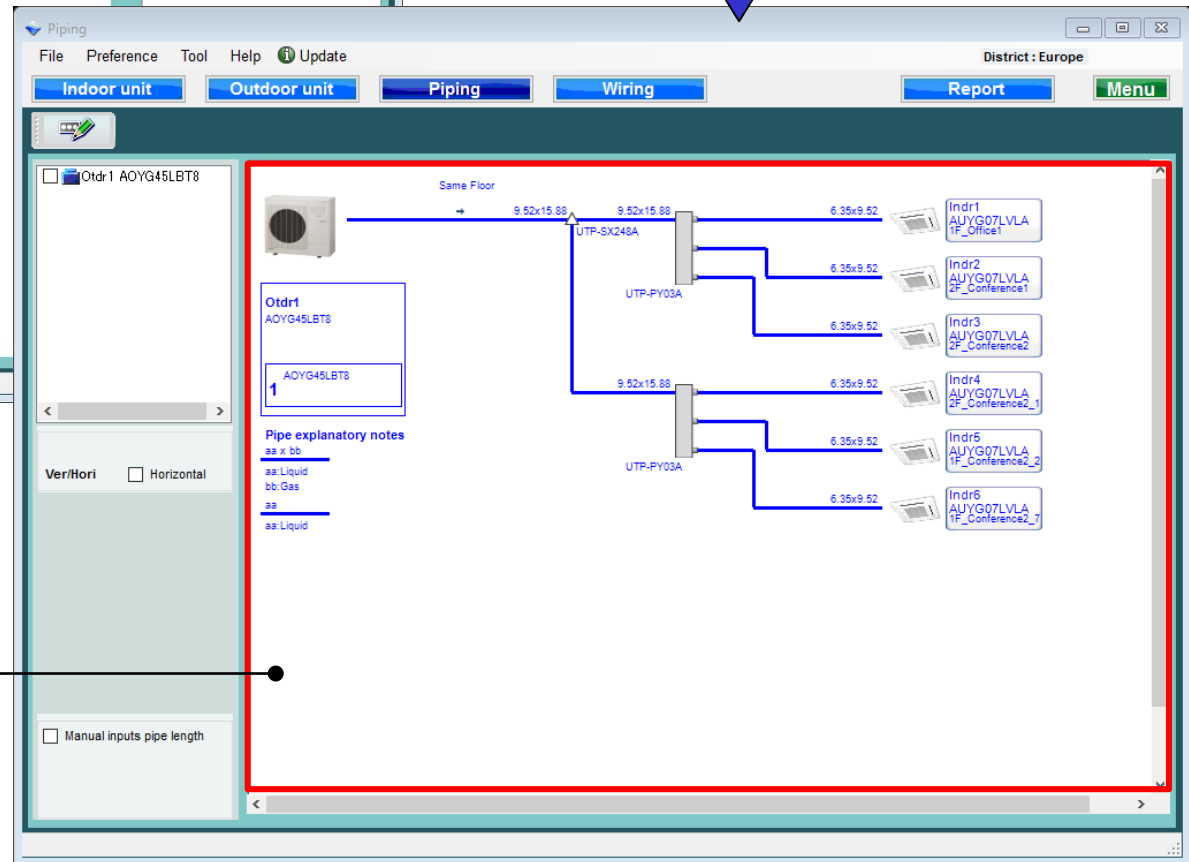
Reset length

This screenshot shows the same piping software interface after the 'Reset length' button was clicked. The 'Manual inputs pipe length' checkbox remains checked, but the 'Pipe length' and 'Reset length' buttons are now disabled. The piping diagram in the main workspace shows updated values for pipe lengths, with many segments now set to 0.0m. The 'NewVRF' dialog box is no longer present.



Naciśnij „Orurowanie”

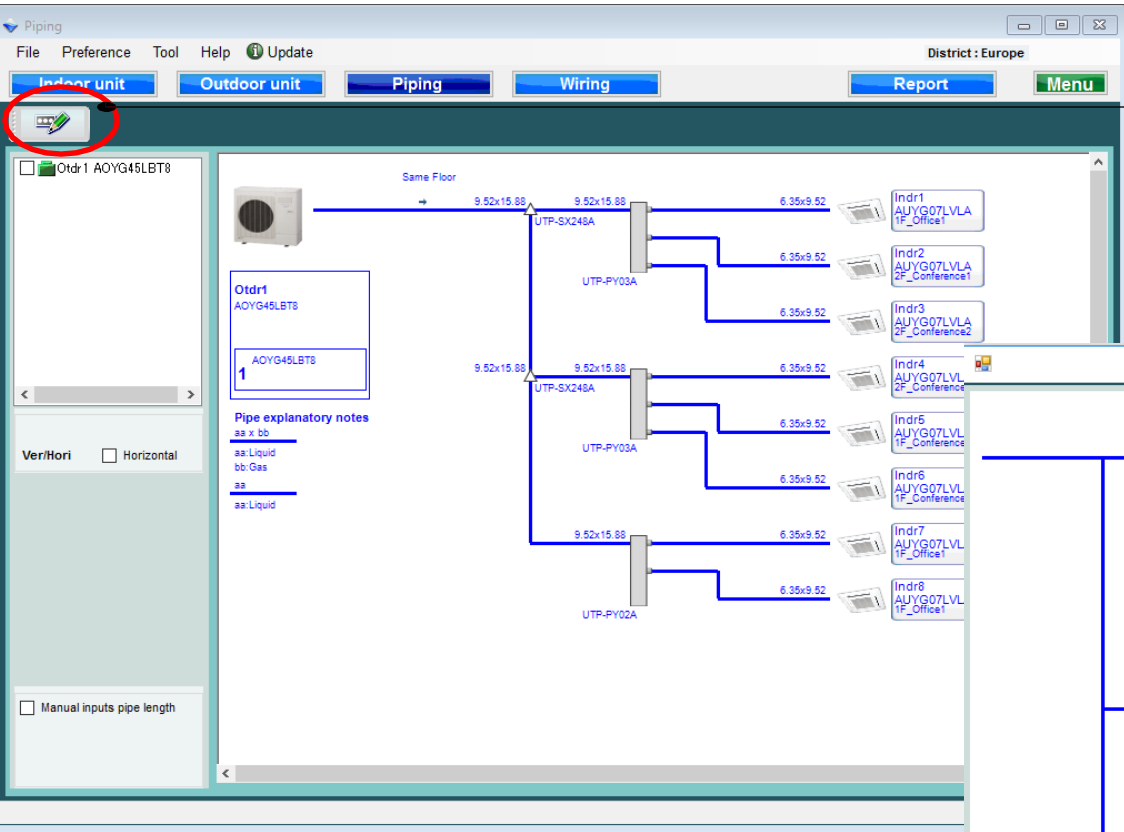
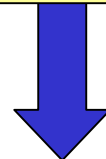
Wyświetlony zostanie schemat instalacji chłodniczej



Wyświetlane są średnice rur, nazwy modeli jednostek zewnętrznych, wewnętrznych oraz połączenia jednostek.

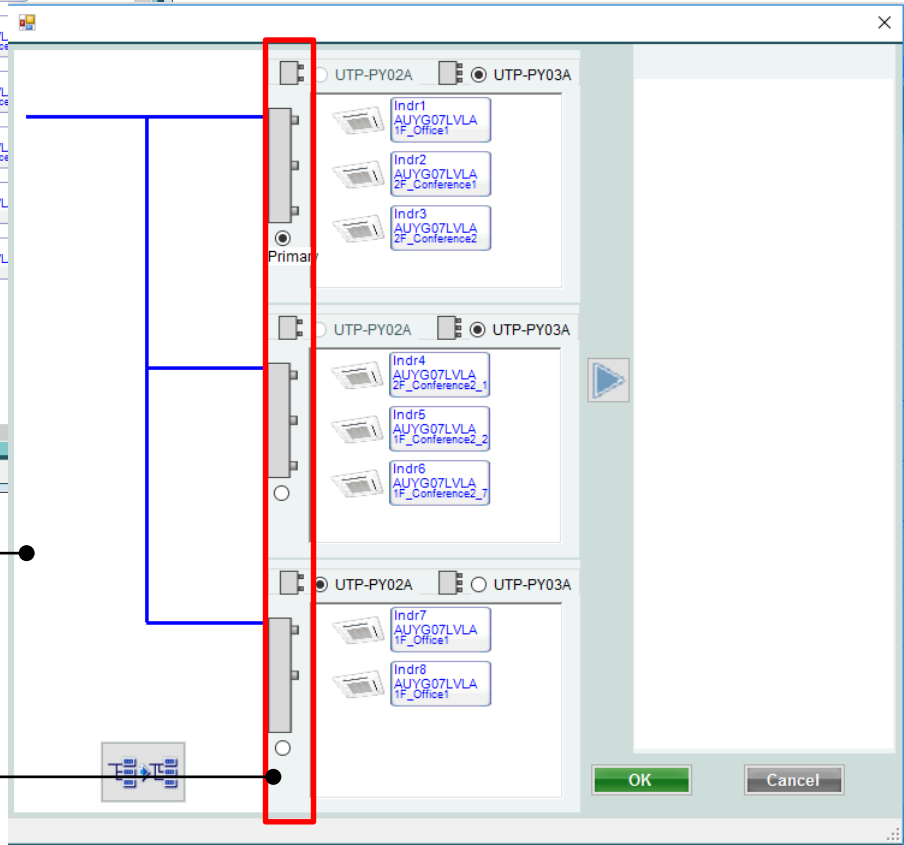
Edycja jednostki wewnętrznej (1/3)

Naciśnij przycisk edycji jednostki wewnętrznej



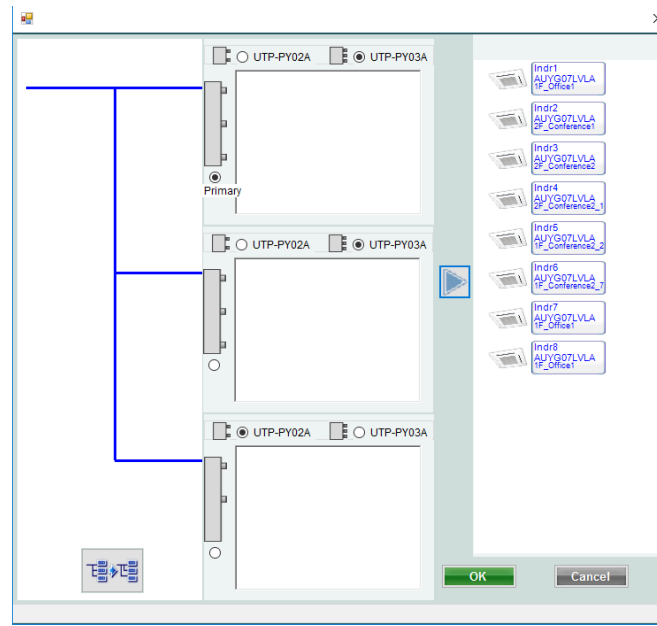
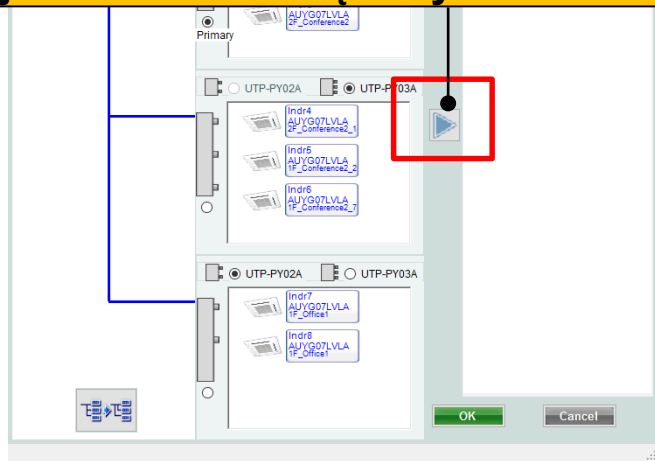
Możliwość zmiany metody łączenia jednostki wewnętrznej za pomocą rozdzielacza

Wybierz typ rozdzielacza
Wybierz nadrzędny rozdzielacz

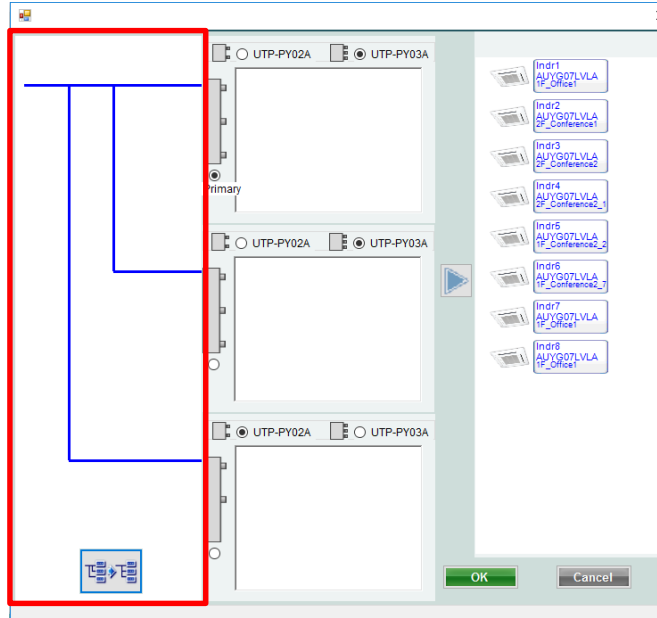
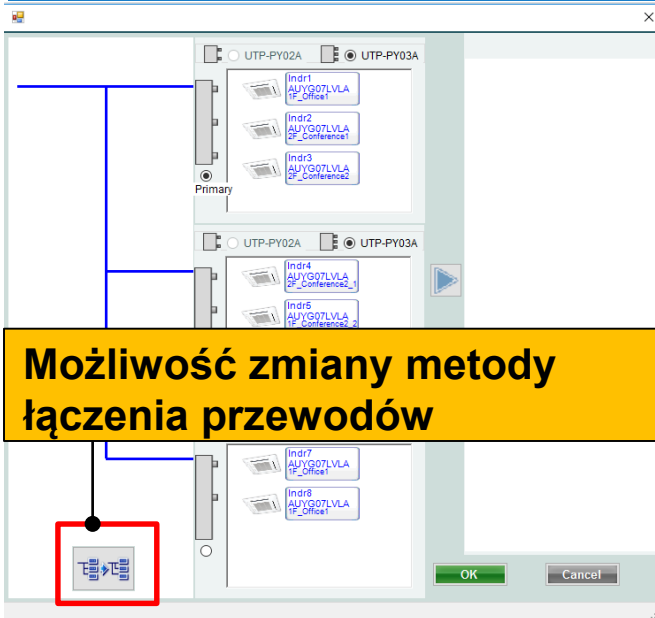


Edycja jednostki wewnętrznej (2/3)

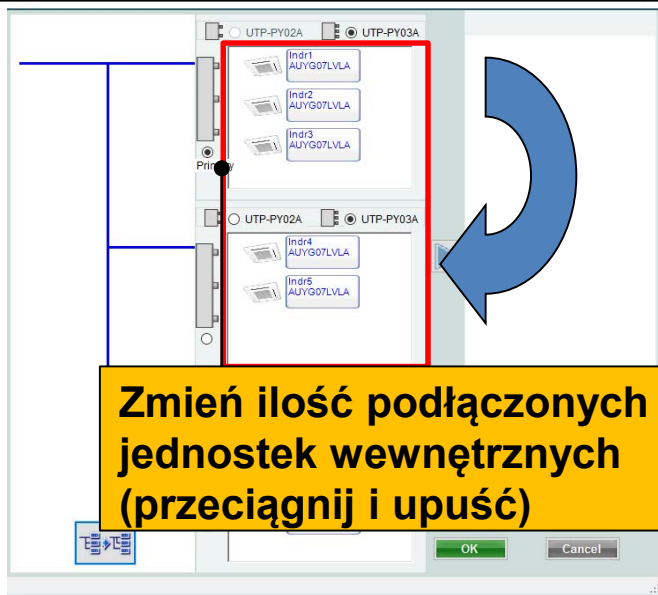
Wyzeruj wszystkie połączenia jednostek wewnętrznych



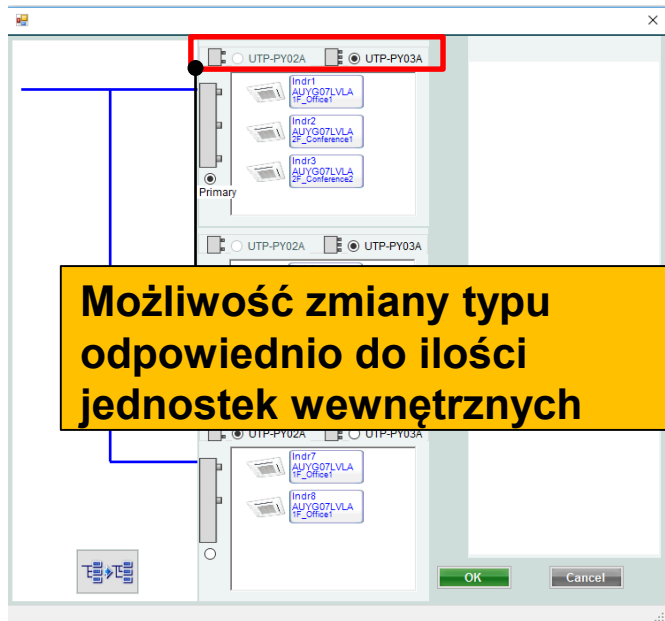
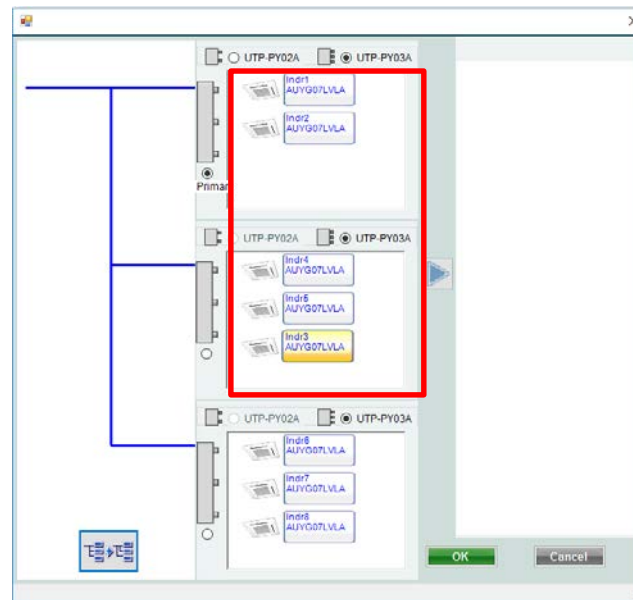
Możliwość zmiany metody łączenia przewodów



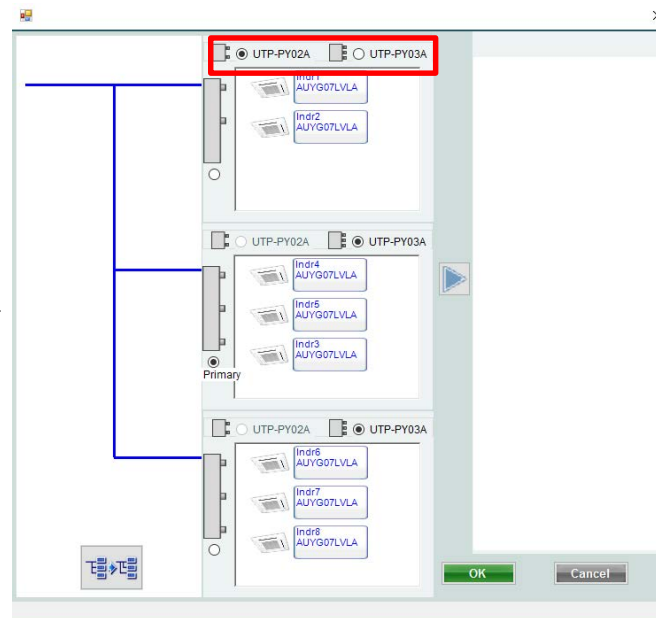
Edycja jednostki wewnętrznej (3/3)



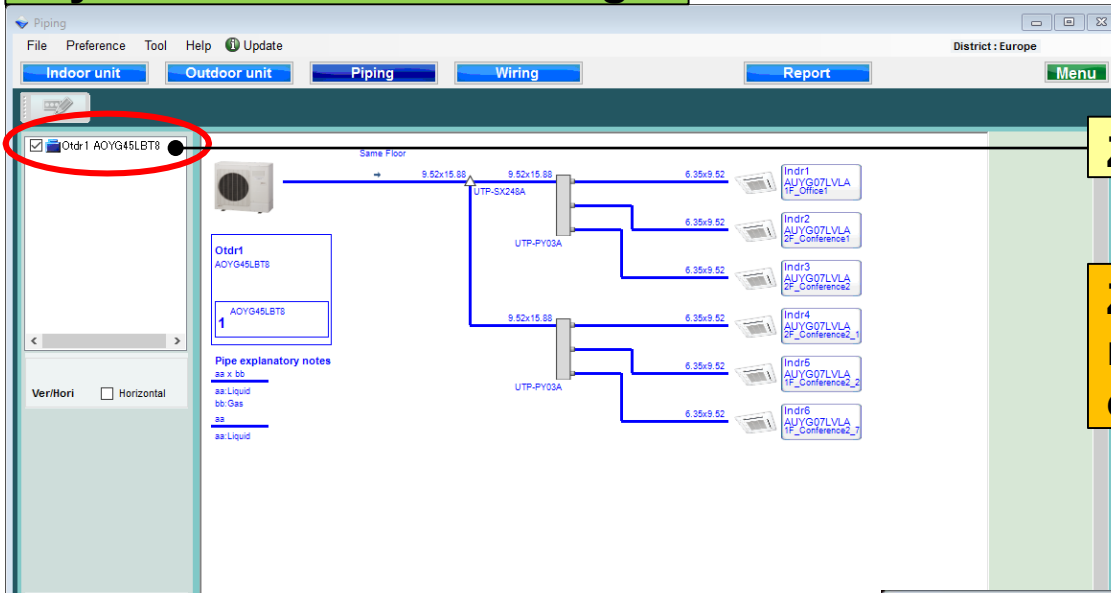
Zmień ilość podłączonych jednostek wewnętrznych (przeciągnij i upuść)



Możliwość zmiany typu odpowiednio do ilości jednostek wewnętrznych

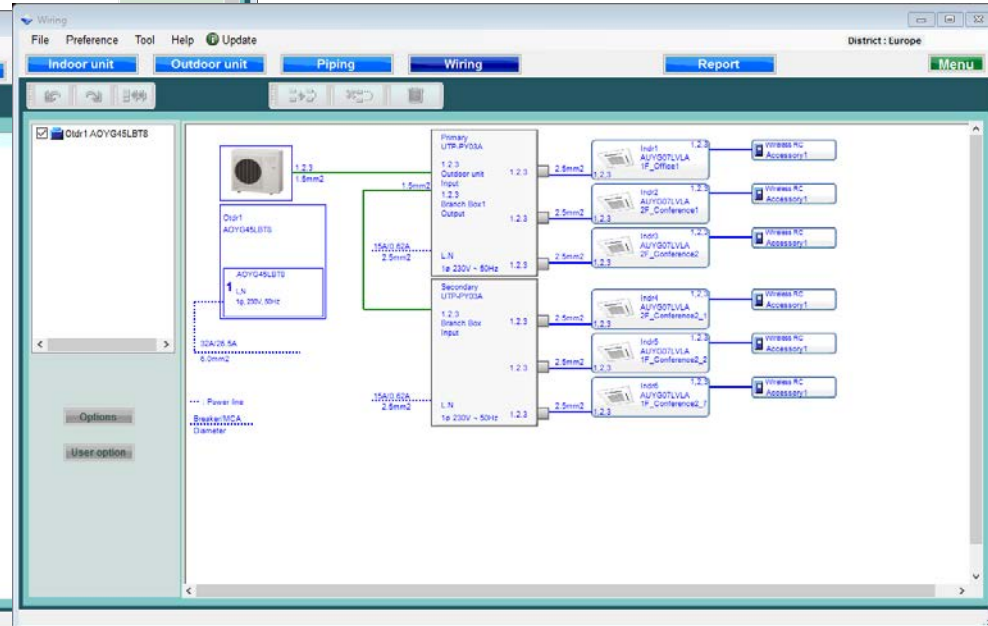
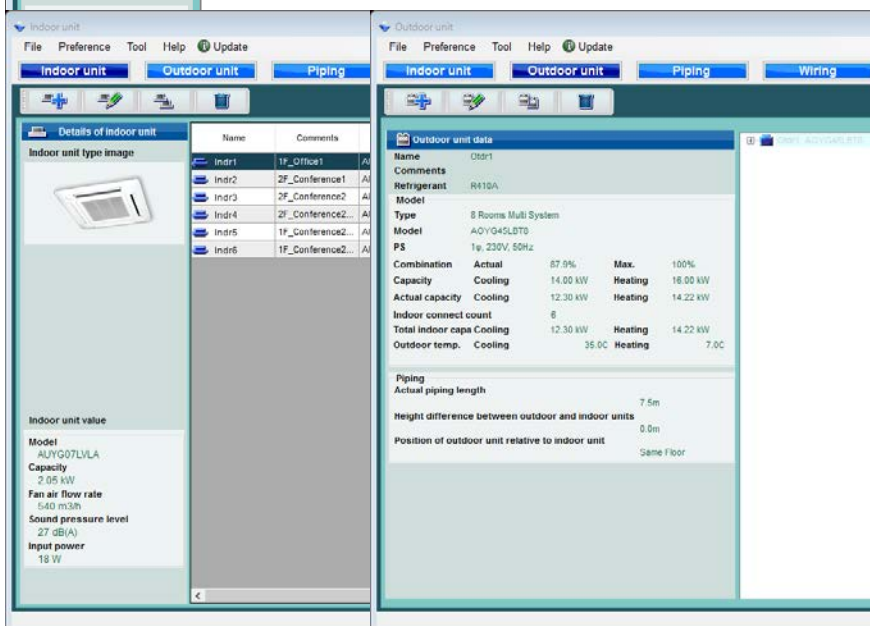


Wybór układu chłodniczego



Zaznacz układ chłodniczy

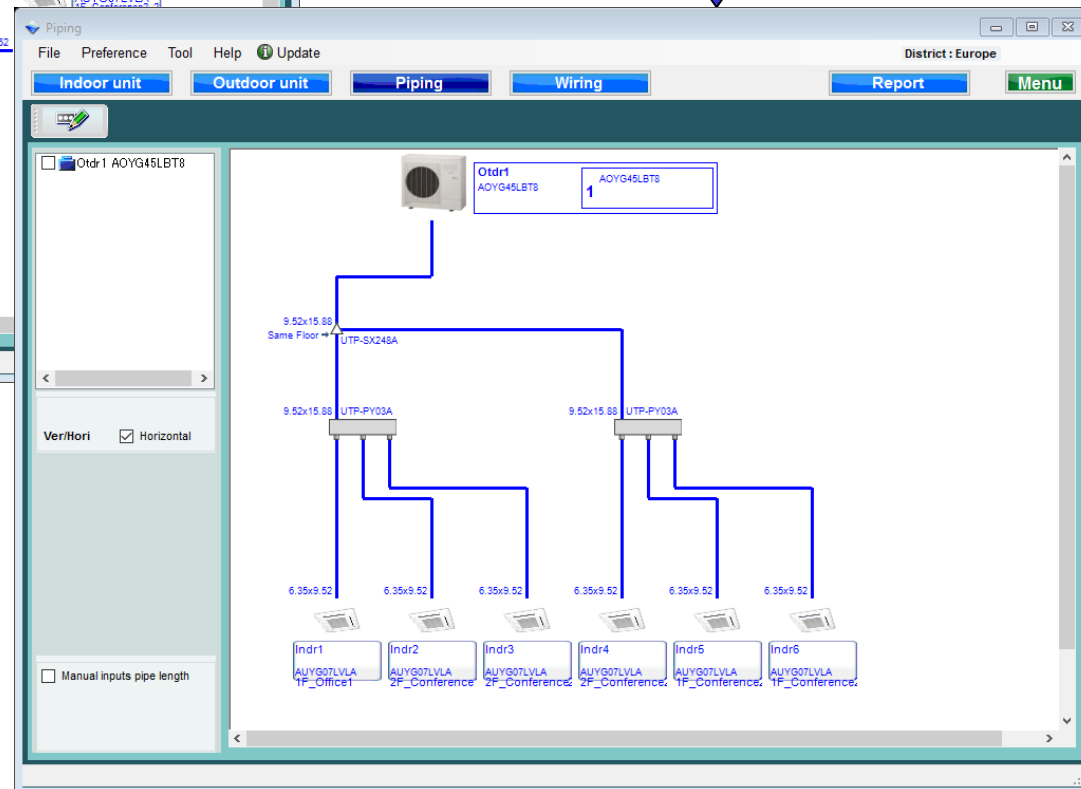
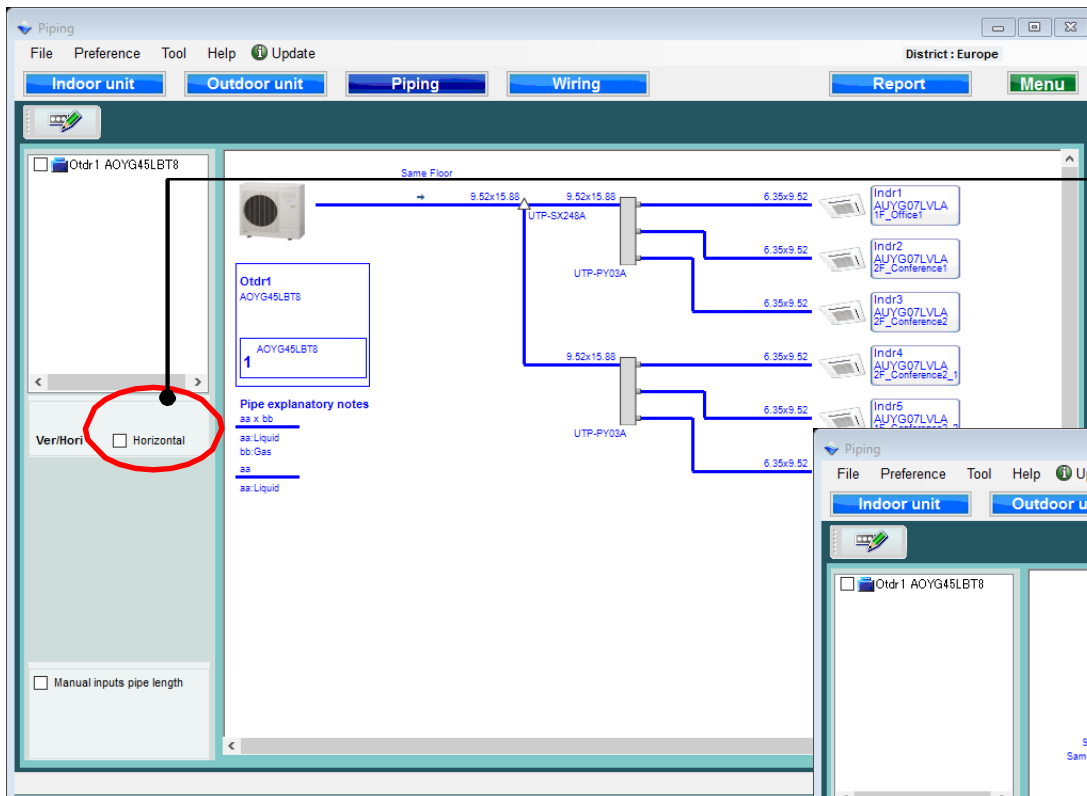
Zaznaczony układ chłodniczy nie może być edytowany na każdym ekranie



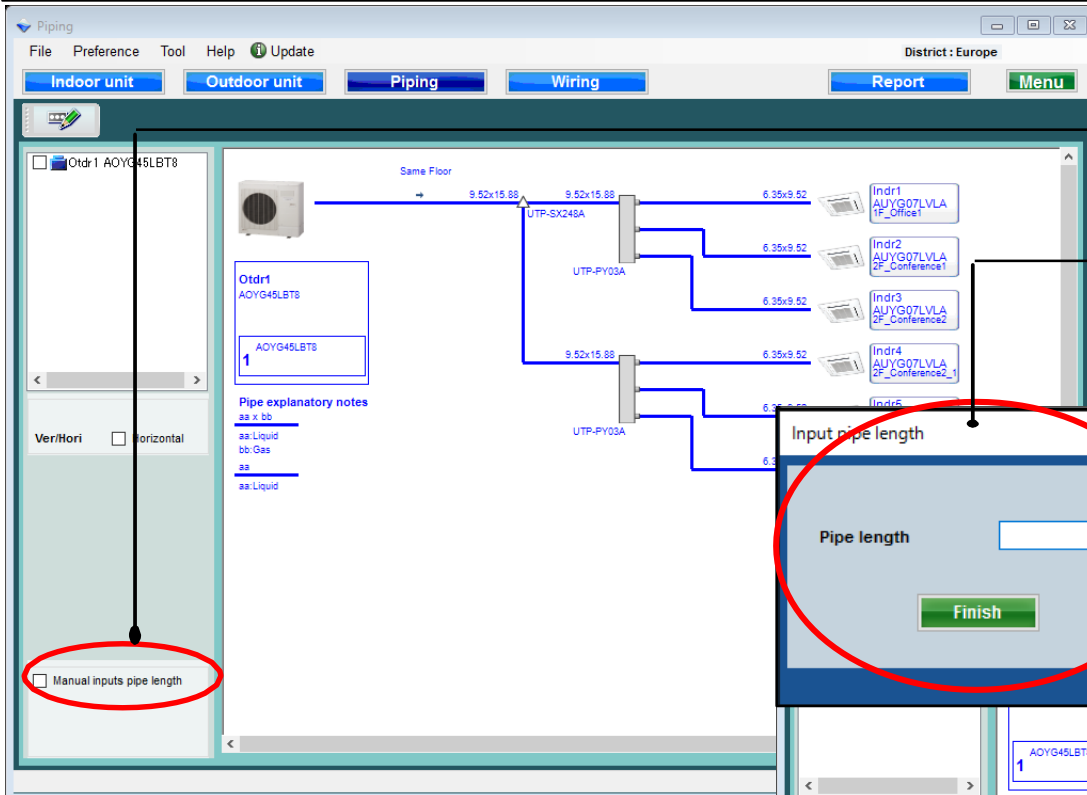
Widok poziomy

Zaznacz „Poziomo”

Zmiana widoku na układ poziomy

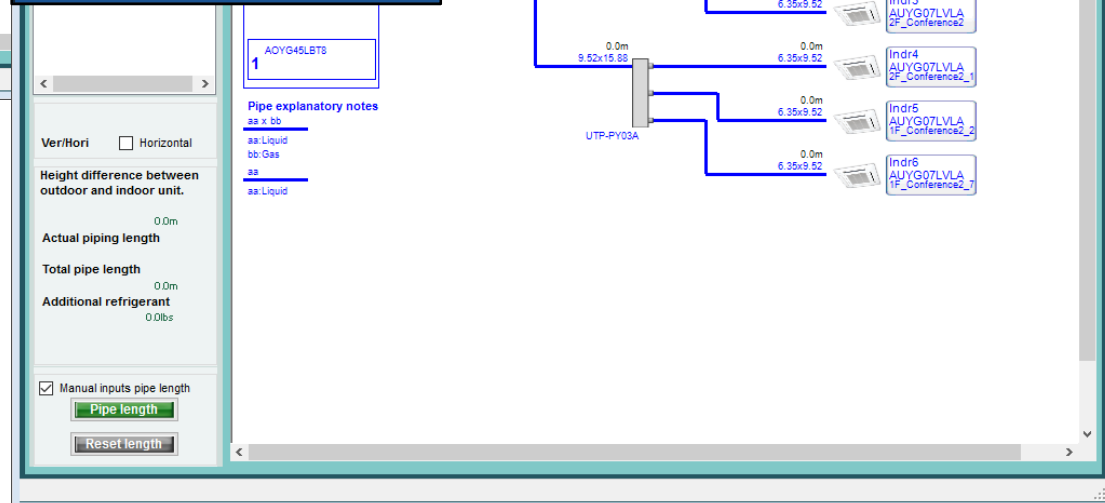
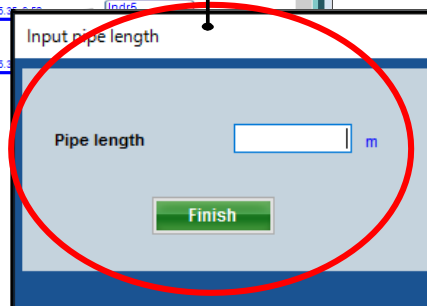


Ręczne wprowadzanie długości instalacji (1/5)



Zaznacz „Wprowadź ręcznie długość rury”

Pojawi się okno z możliwością podania długości rury



Ręczne wprowadzanie długości instalacji (2/5)

Wpisz długość rury

Kliknij na każdą z rur

Po zarejestrowaniu wszystkich długości naciśnij „Zakończ”

The image displays the Design Simulator software interface for manual pipe length input. The main window shows a duct layout with various pipe segments and their lengths. The 'Input pipe length' dialog box is open, allowing the user to enter the pipe length (25) and click 'Finish'. The 'Piping' window shows the outdoor unit and indoor units, with the 'Piping' tab selected. The 'Input pipe length' dialog box is shown in two positions: one at the top left and one at the bottom center, both with the 'Finish' button highlighted by a red circle.

Ręczne wprowadzanie długości instalacji (3/5)

The screenshot shows the 'Piping' configuration window. On the left, a list of indoor units includes 'Indr1' and 'Indr2'. The main area displays a piping diagram with a red circle highlighting a section of the pipe. Below the diagram, a table of pipe explanatory notes is visible. At the bottom, an error message is displayed:

Name	Error message
Indr1	Pipe length between master outdoor unit and the farthest indoor unit must be less than 15.0m.
Indr2	The pipe length between the branch box and the indoor unit must be less than 15.0m.

Below the error message, there are buttons for 'Pipe length' and 'Reset length'. A yellow banner at the bottom of the window states: "It is different in the design pipe length and the actual pipe length."

Jeżeli nie podano wszystkich długości lub przekroczono dopuszczalne limity, wyświetlony zostanie komunikat o błędzie.



Ponów operację i naciśnij „Zakończ”

The screenshot shows the 'Piping' configuration window with the same piping diagram as the previous image. A red circle highlights the same section of the pipe. A dialog box titled 'Input pipe length' is open in the foreground. It contains a text input field labeled 'Pipe length' with the value '5.0 m' entered. Below the input field is a green button labeled 'Finish', which is circled in red.

Ręczne wprowadzanie długości instalacji (4/5)

Actual piping length
35.0m

Additional refrigerant
5.9lbs

**Czynna długość orurowania:
długość zadeklarowana i zarejestrowana**

**Dodatkowa ilość doładowania czynnika jest
automatycznie obliczana i wyświetlana.**

Ręczne wprowadzanie długości instalacji (5/5)

Naciśnij „Usuń długość”

Wybierz Tak lub Nie

Długości zostaną e

File Preference Tool Help Update
Indoor unit Outdoor unit Piping Wiring Report Menu

Otdr1 AOYG45LBT8

Actual piping length 35.0m
Total pipe length 65.0m
Additional refrigerant 9.3lbs

Manual inputs pipe length
Pipe length
Reset length

Height difference between outdoor and indoor unit.
aa x bb
aa: Liquid
bb: Gas

Is it reset the all pipe length?
はい(Y) いいえ(N)

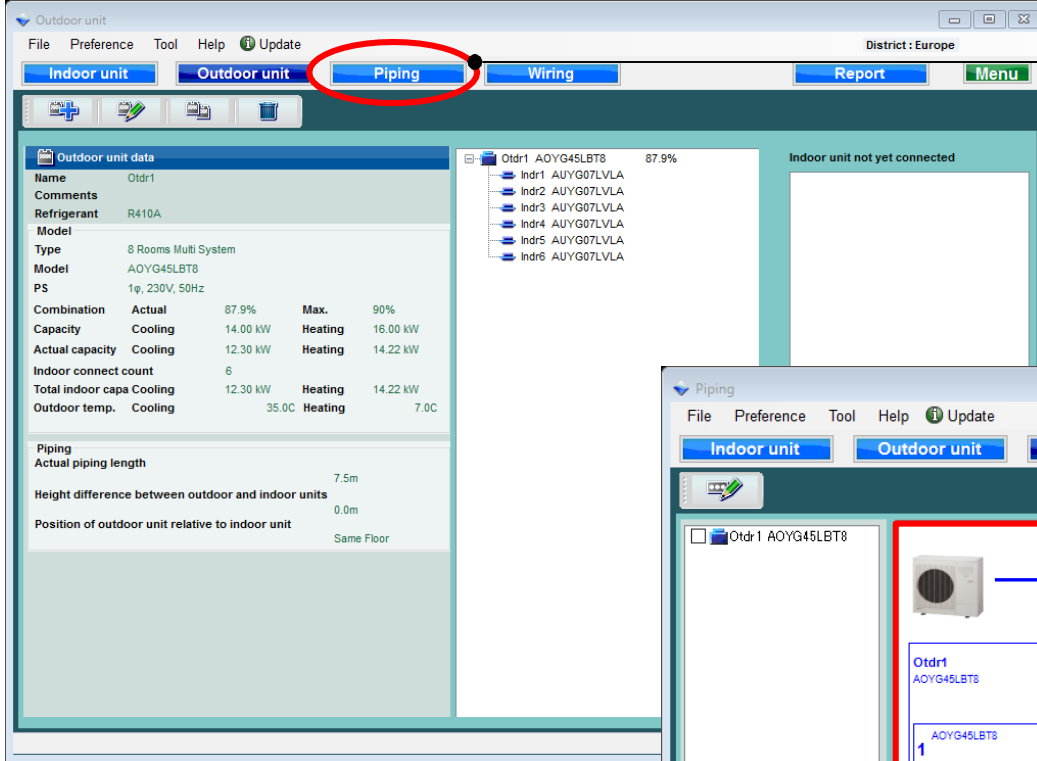
District : Europe
Piping Wiring Report Menu

Actual piping length 0.0m
Total pipe length 0.0m
Additional refrigerant 0.0lbs

Manual inputs pipe length
Pipe length
Reset length

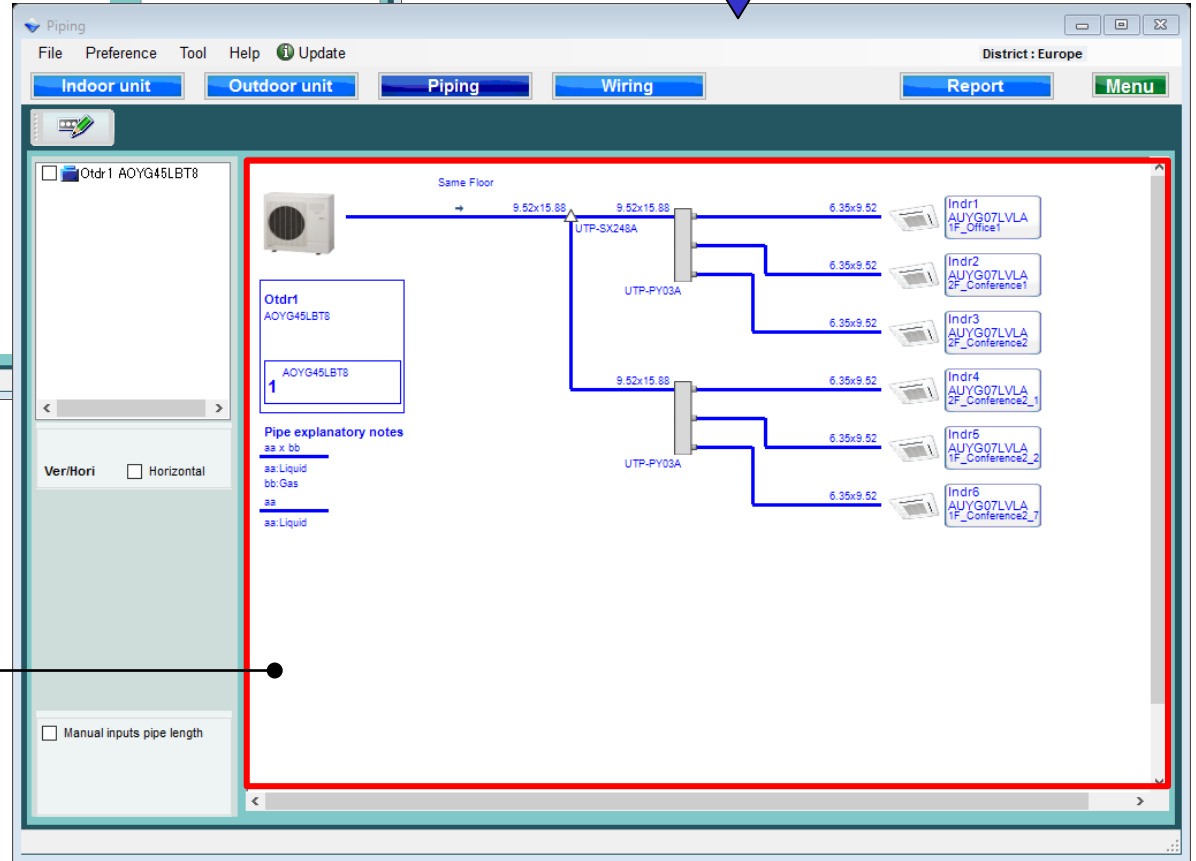
Borulama ayarları

Dizayn Simülatör



“Borulama” seç

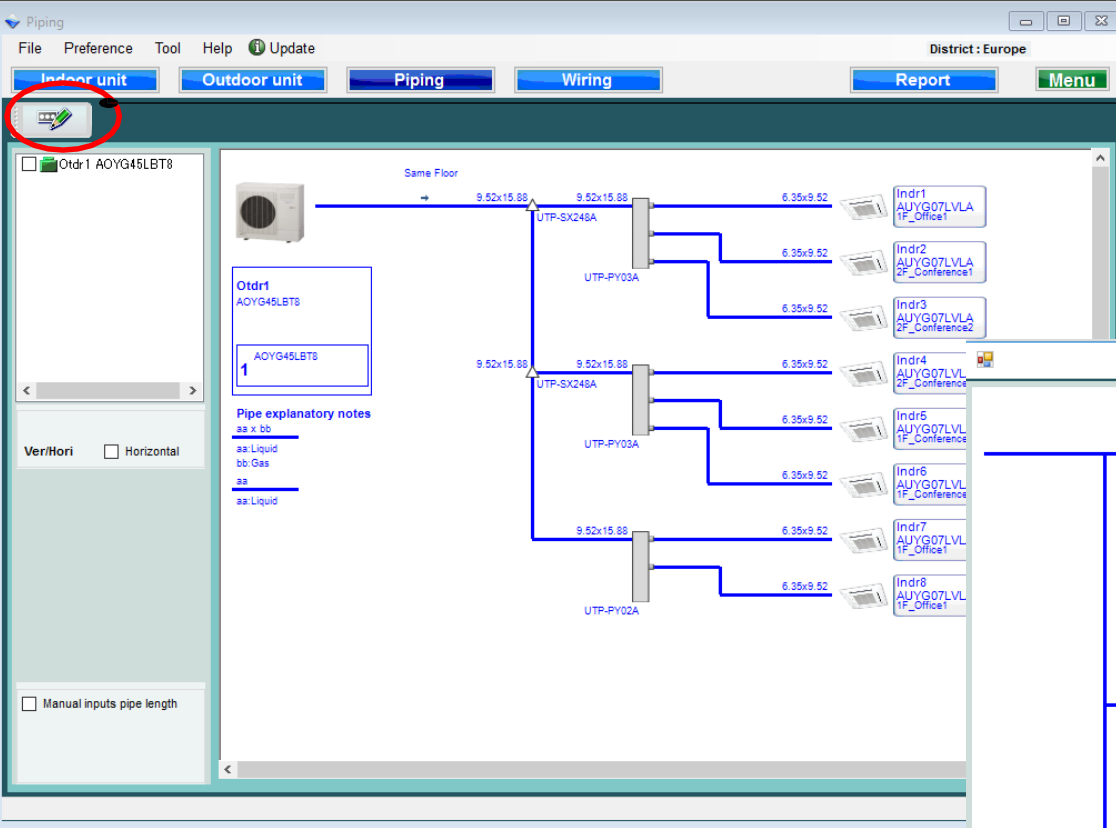
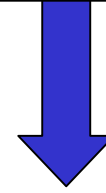
Boru sistemi diyagramı
oluşturma



Boru çapı, dış ünitenin
model isimleri, iç
üniteler ve Bağlantı
birimleri görüntülenir.

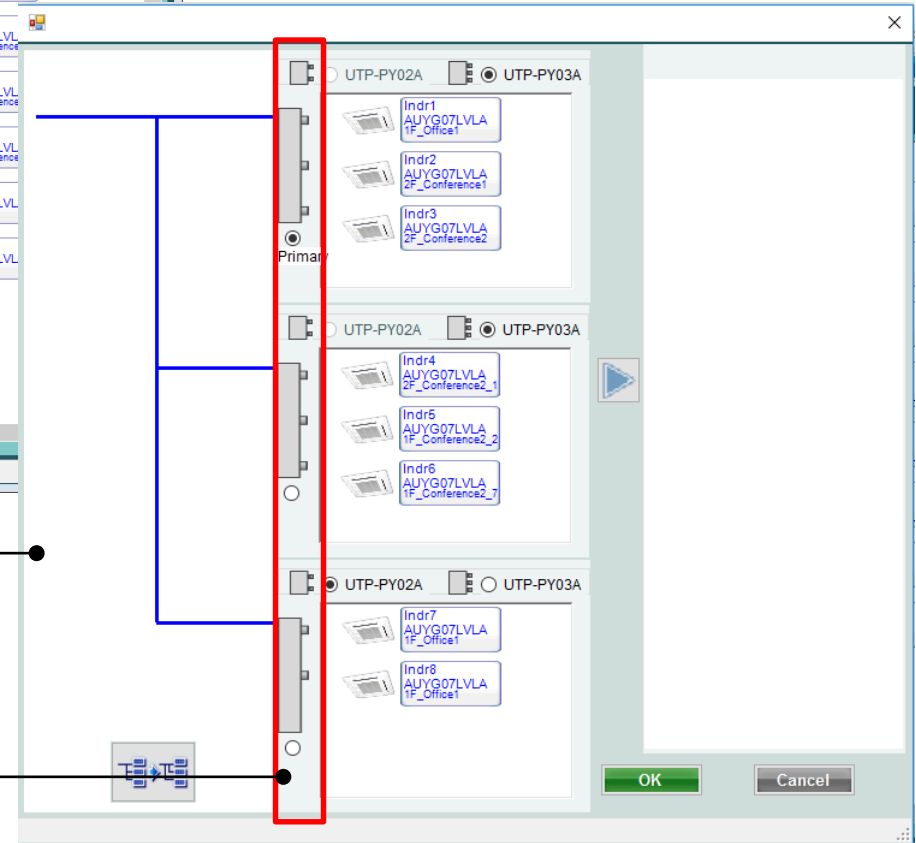
İç ünite deęiřimi (1/3)

İç ünite deęiřtiri seç



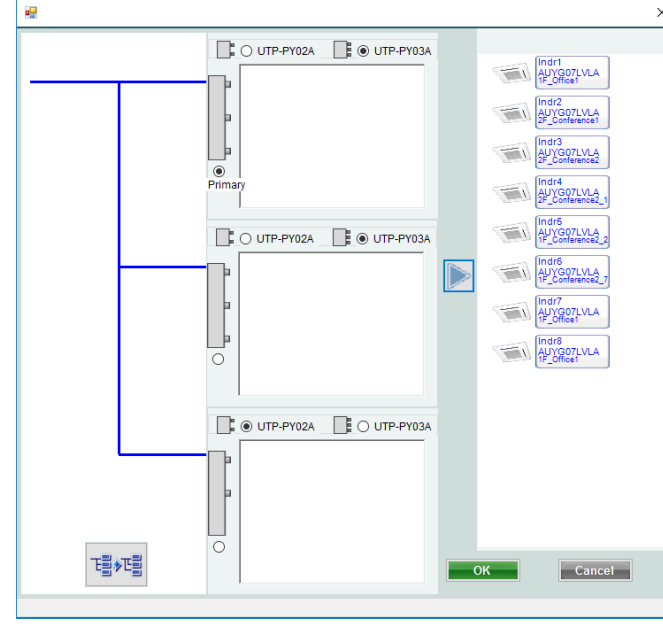
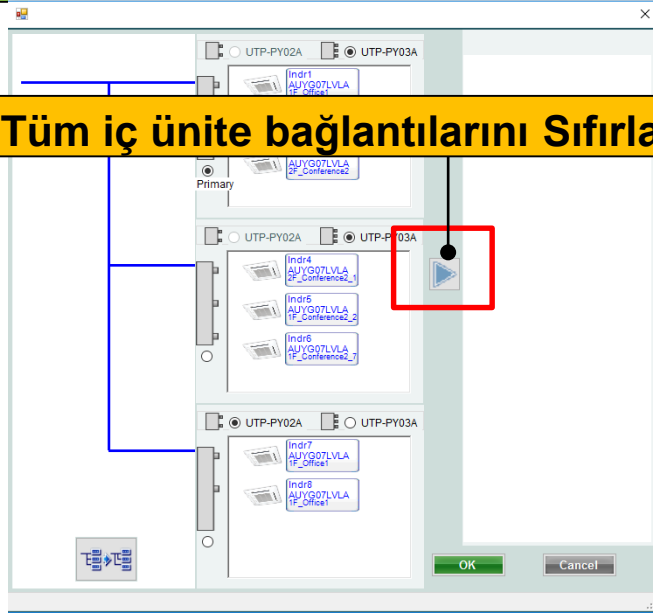
Baęlantı Kutusu kullanılarak iç ünite baęlantı yöntemi deęiřtirilebilir

**Baęlantı Kutusu türünü seçin
Birincil Baęlantı Kutusunu Seçin**

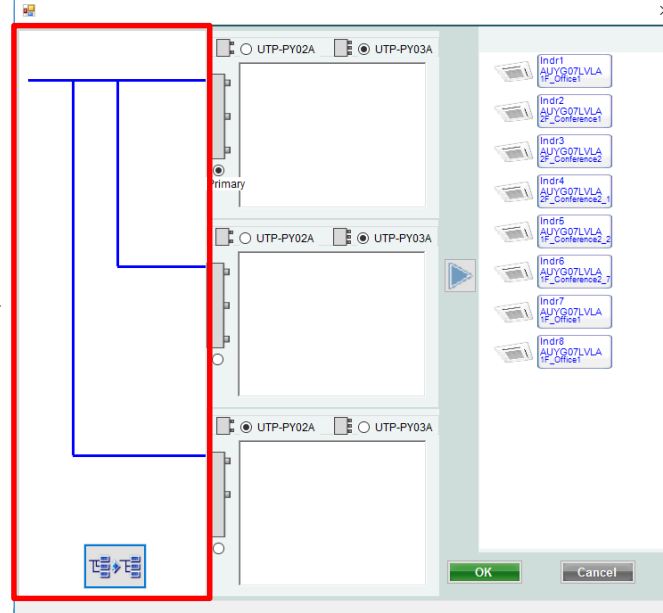
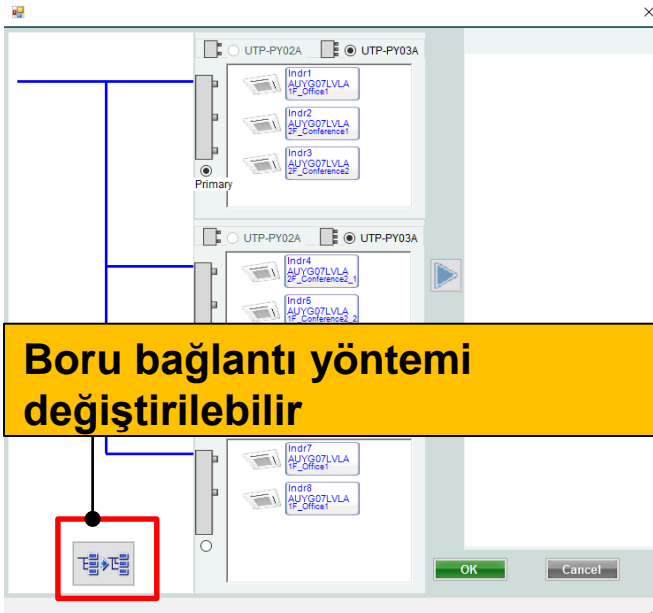


İç ünite deęiřimi (2/3)

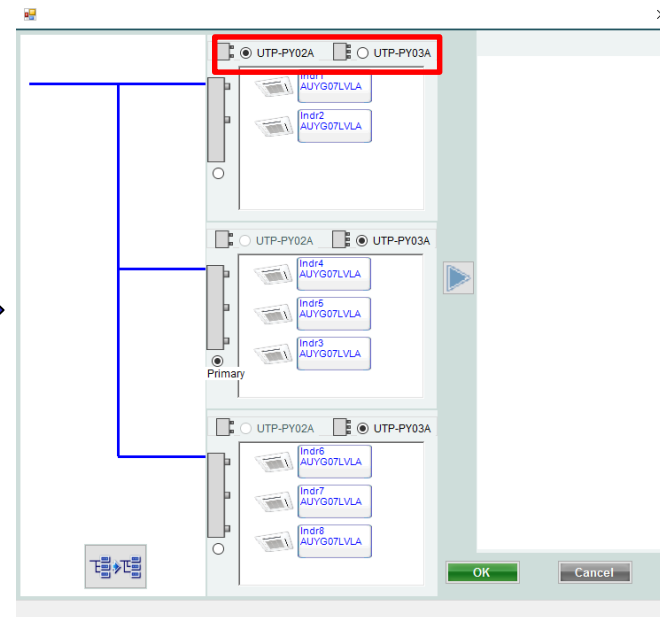
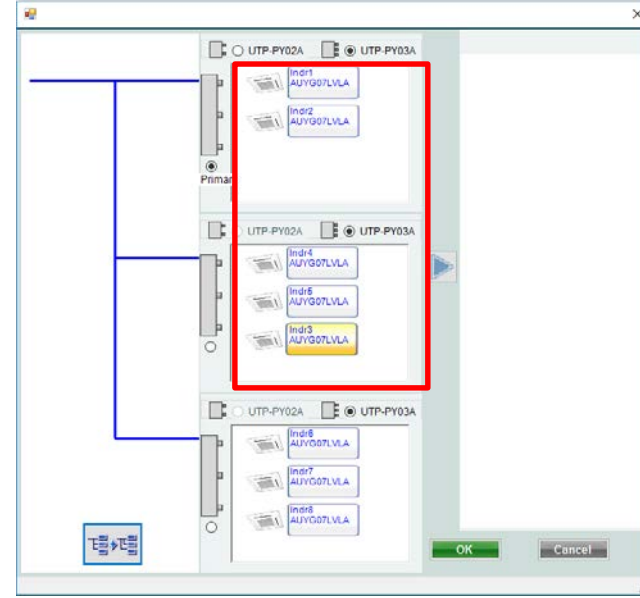
Tüm iç ünite bağlantılarını Sıfırla



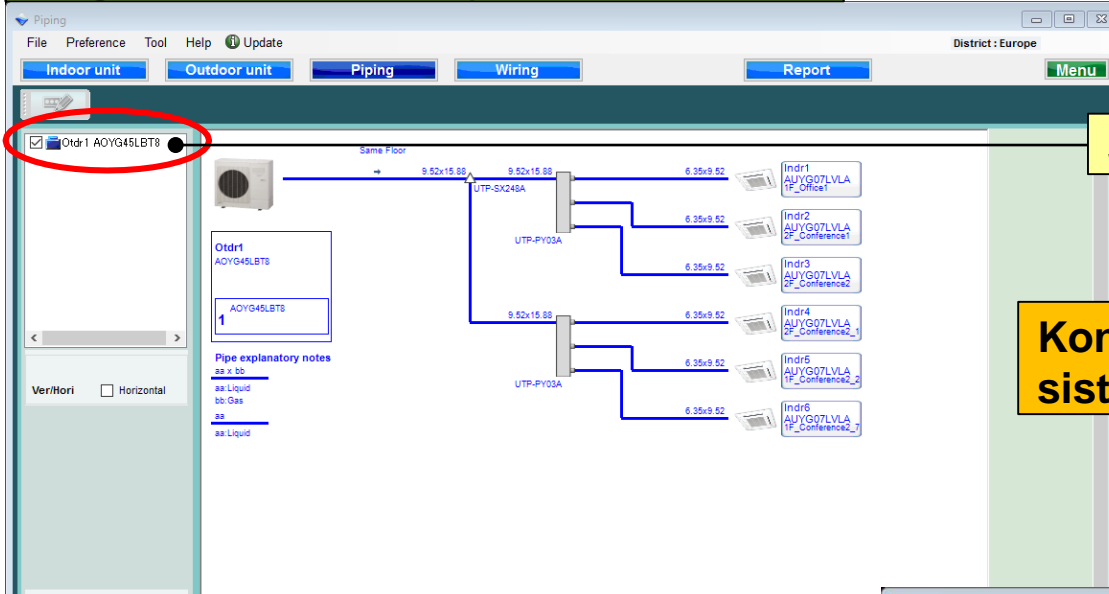
Boru bağlantı yöntemi deęiřtirilebilir



İç ünite değişimi (3/3)

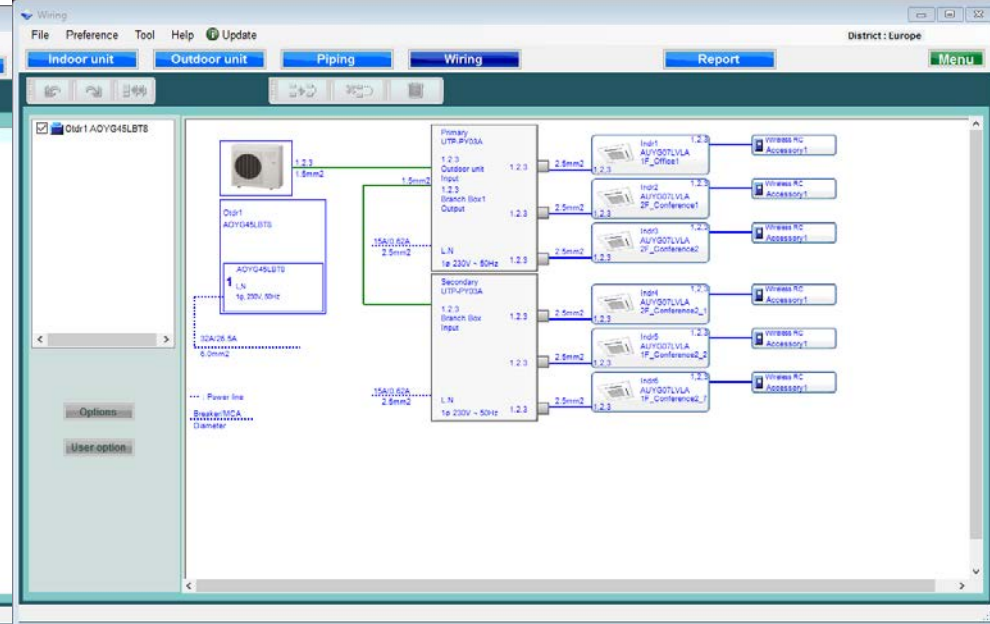
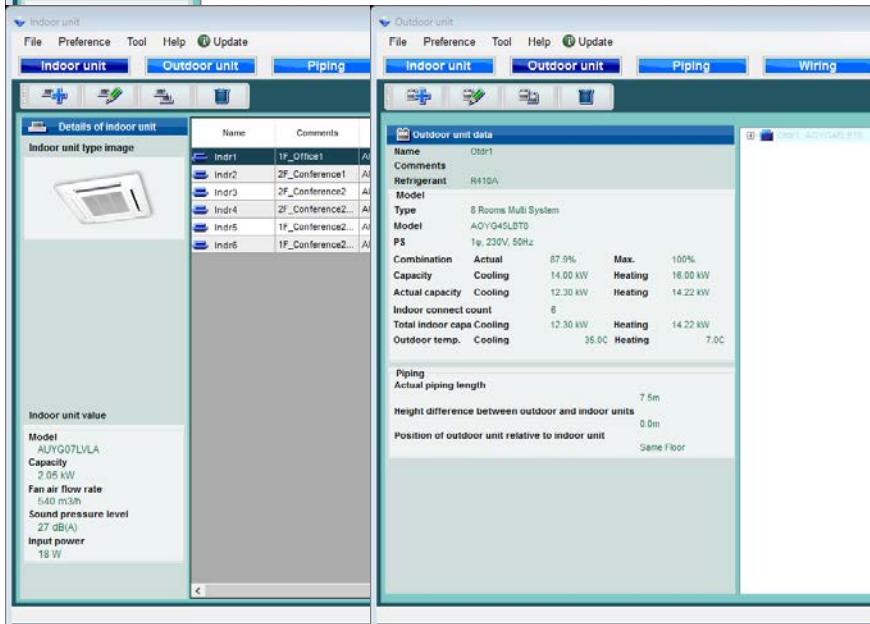


Soğutucu sistem tayini

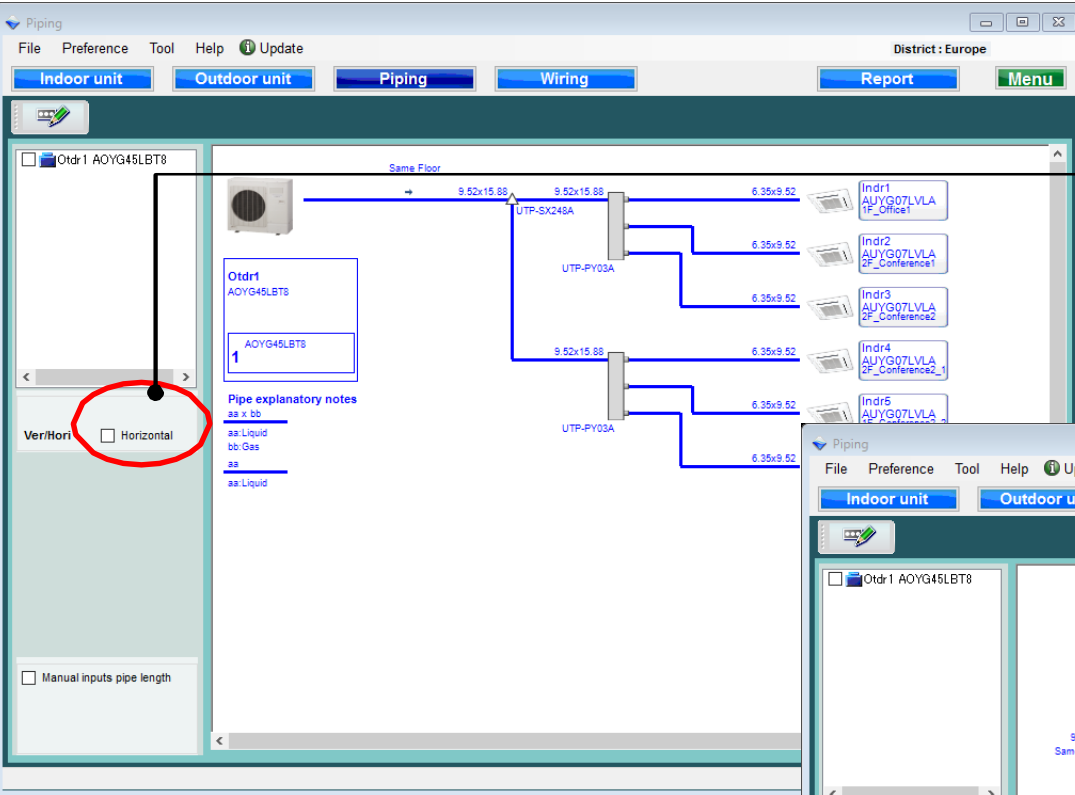


Soğutucu sistemi kontrol edin

Kontrol edilen soğutucu akışkan sistemi her bir ekranda düzenlenemez

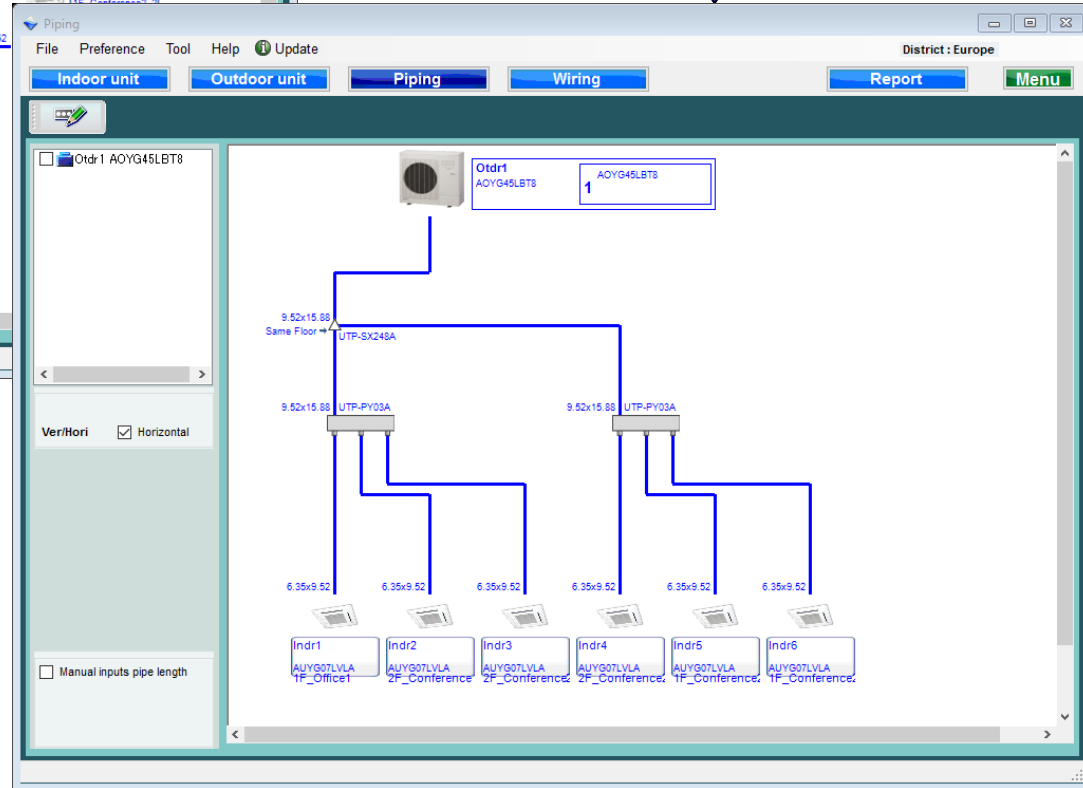


Yatay görünüm



“Yatay “ seç

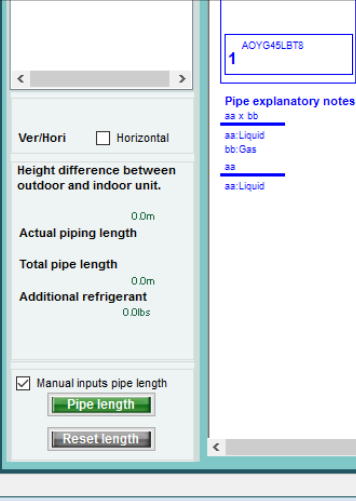
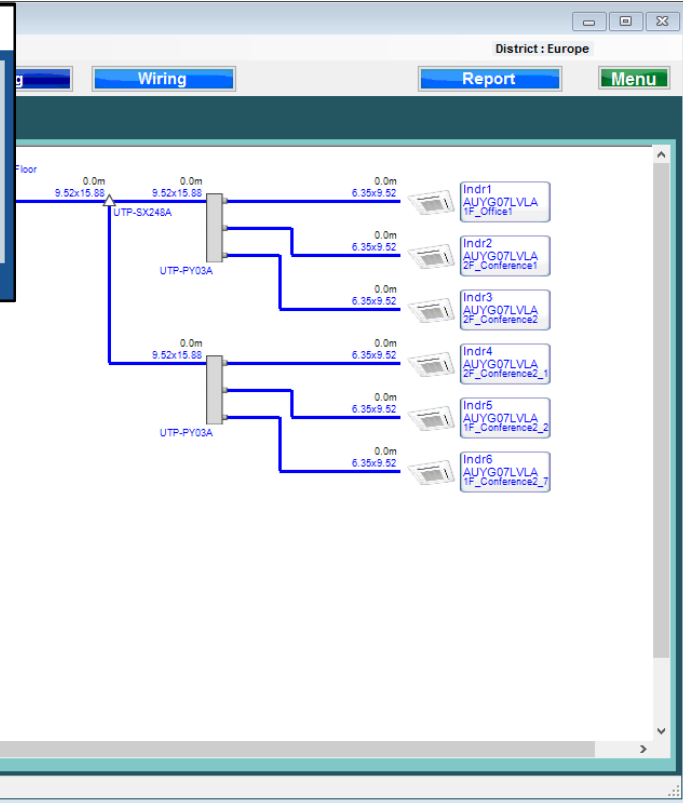
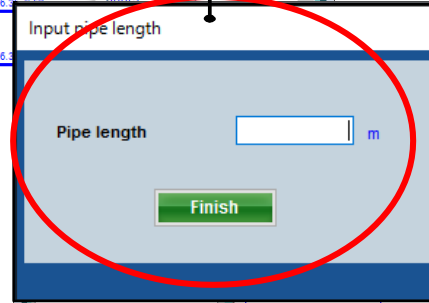
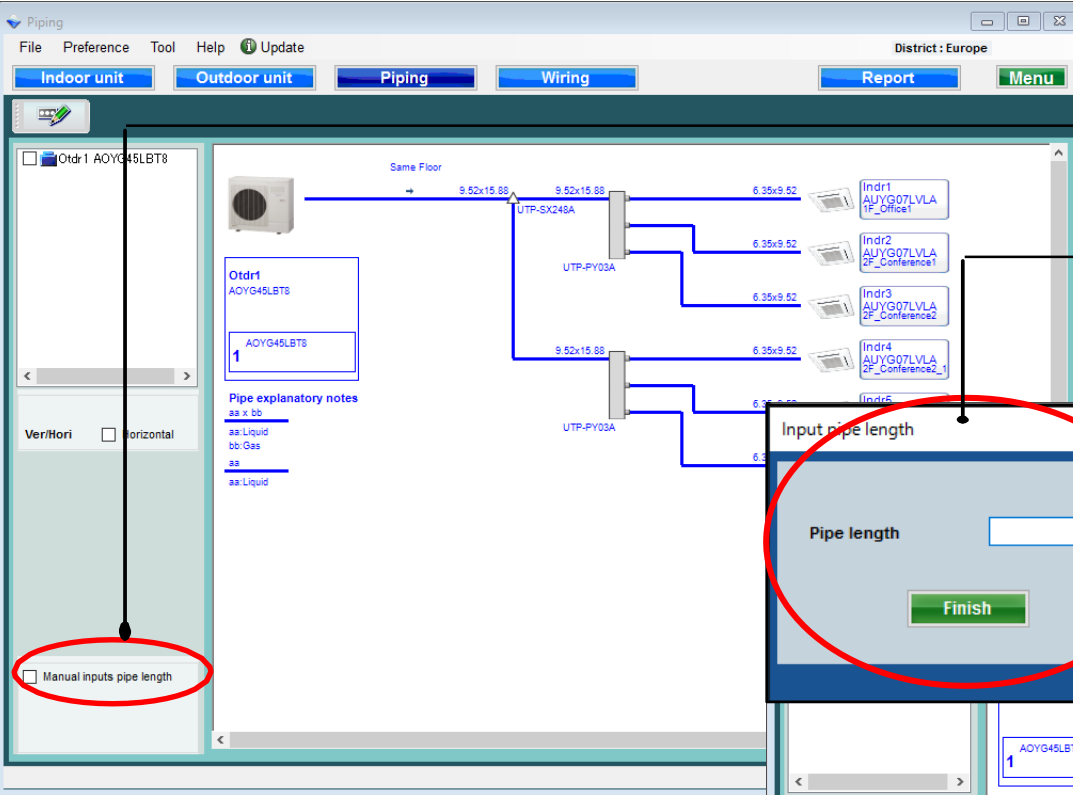
Yatay görünüme deđiřti.



Manuel boru uzunluğu girişi(1/5)

"Manuel boru uzunluğu girişi" seç

Boru uzunluğu seçim ekranı açık



Manuel boru uzunluğu girişi(3/5)

Bir uyarı, bilgi girilmediğinde veya kısıtlamaları aştığında hata bilgileri sağlar.

Tekrarlayın, ardından "bitir" i seçin

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

Input pipe length

Pipe length 5.0 m

Finish

Manuel boru uzunluğu girişi(4/5)

Piping

File Preference Tool Help Update

District : Europe

Indoor unit Outdoor unit Piping Wiring Report Menu

Otdr1 AOYG45LBT8

Actual piping length 35.0m

Total pipe length 55.0m

Additional refrigerant 5.8lbs

Manual inputs pipe length

Pipe length

Reset length

Same Floor

5.0m 9.52x15.88 25.0m 9.52x15.88 5.0m 6.35x9.52

UTP-SX248A

UTP-PY03A

Indr1 AUYG07LVLA 1F_Office1

Indr2 AUYG07LVLA 2F_Conference1

Indr3 AUYG07LVLA 2F_Conference2

Indr4 AUYG07LVLA 2F_Conference2_1

Indr5 AUYG07LVLA 1F_Conference2_2

Indr6 AUYG07LVLA 1F_Conference2_7

Pipe explanatory notes

aa x bb

aa:Liquid

bb:Gas

aa

aa:Liquid

**Gerçek boru uzunluğu göstergesi:
beyan edilmiş ve kayıtlı uzunluk**

**İlave şarj soğutucu miktarı otomatik
olarak hesaplanır ve gösterilir.**

Manuel boru uzunluğu girişi(5/5)

Uzunluğu sıfırlamayı seçin

E veya H seç

Uzunlu sıfırla

File Preference Tool Help Update
Indoor unit Outdoor unit Piping Wiring Report Menu

Otdr1 AOYG45LBT8

Actual piping length 35.0m
Total pipe length 65.0m
Additional refrigerant 9.3lbs

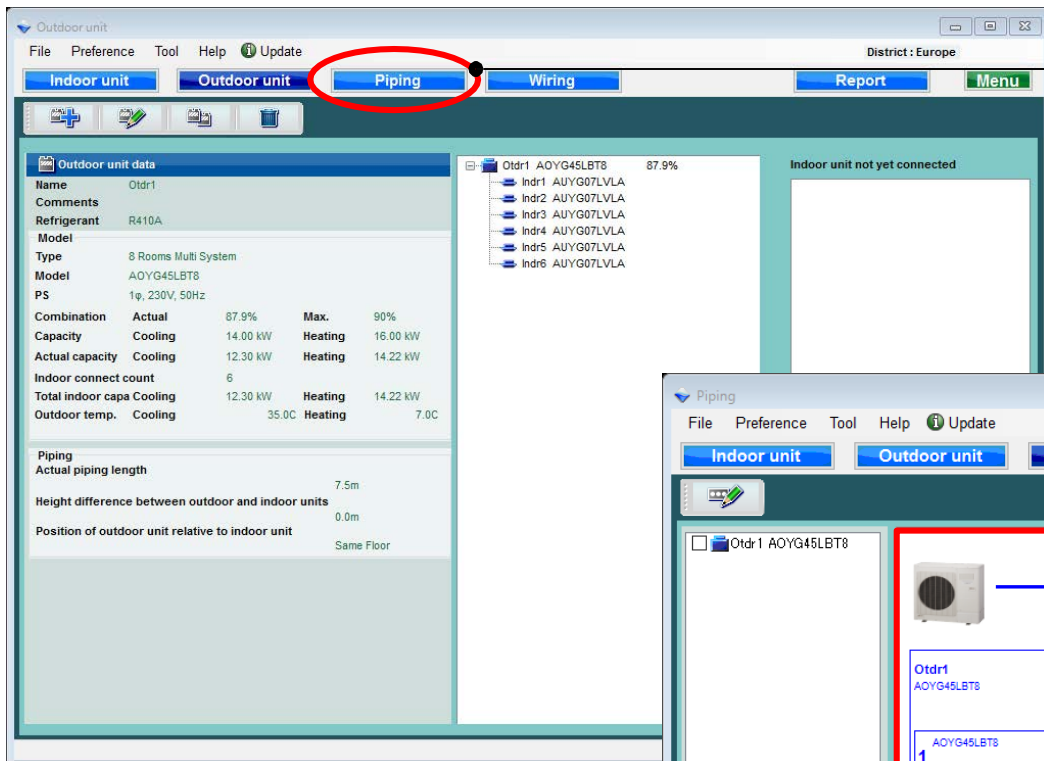
Manual inputs pipe length
Pipe length
Reset length

NewVRF
! Is it reset the all pipe length?
はい(Y) いいえ(N)

District : Europe
Piping Wiring Report Menu

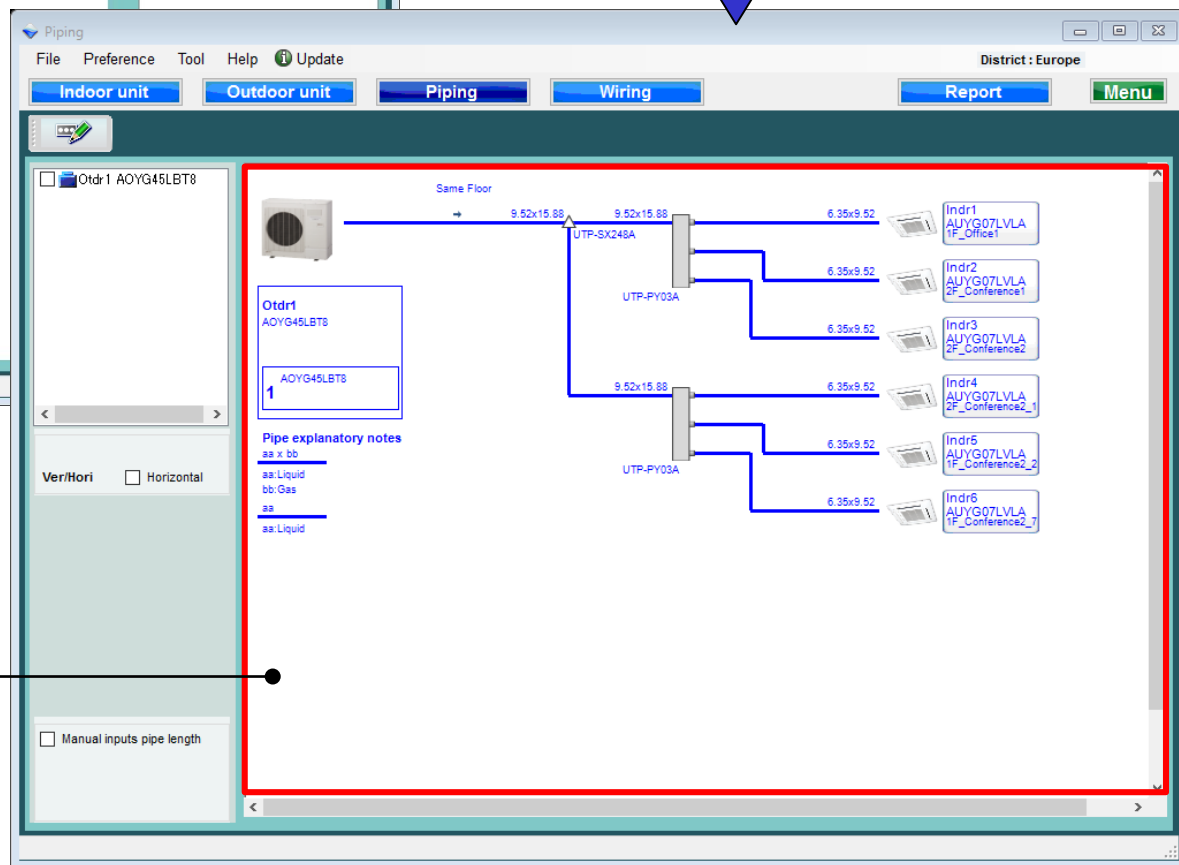
Actual piping length 0.0m
Total pipe length 0.0m
Additional refrigerant 0.0lbs

Manual inputs pipe length
Pipe length
Reset length



Izaberite "Cevovod"

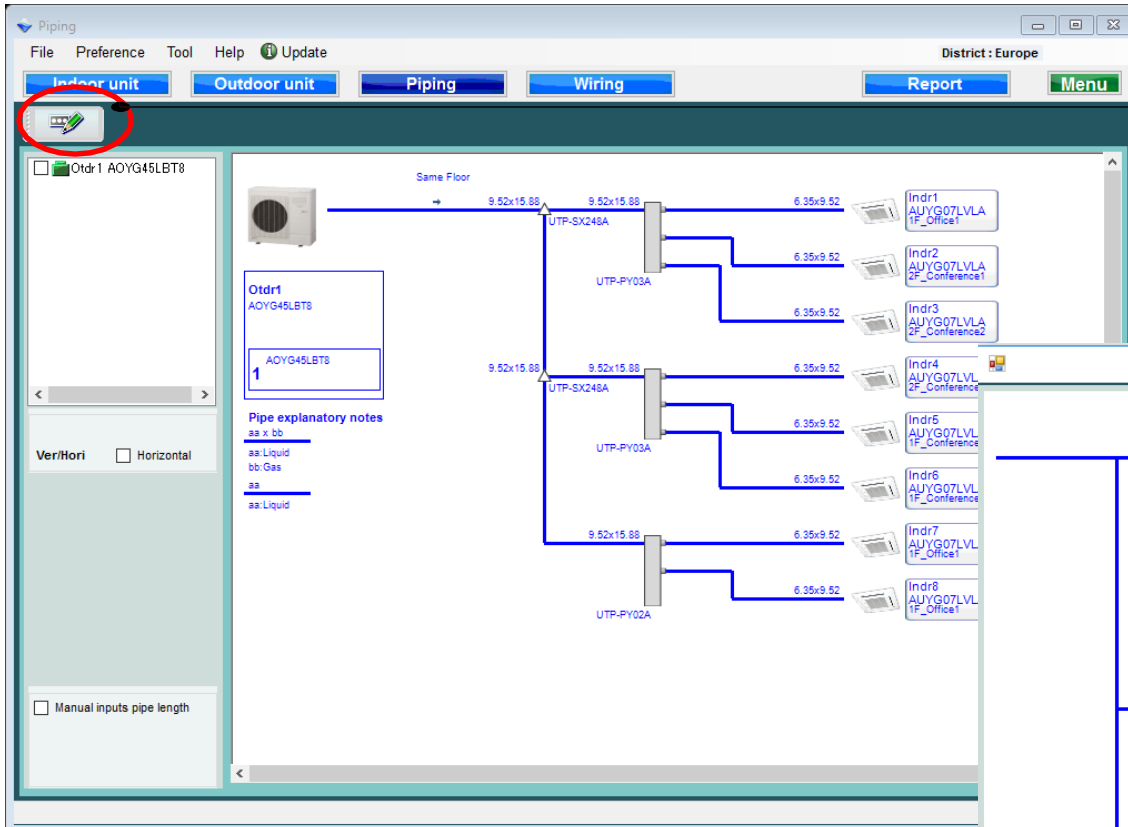
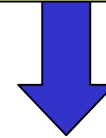
Kreiranje dijagrama sistema cevovoda



Prikazuje se prečnik cevi, nazivi vrste spoljne jedinice, unutrašnje jedinice i račvi

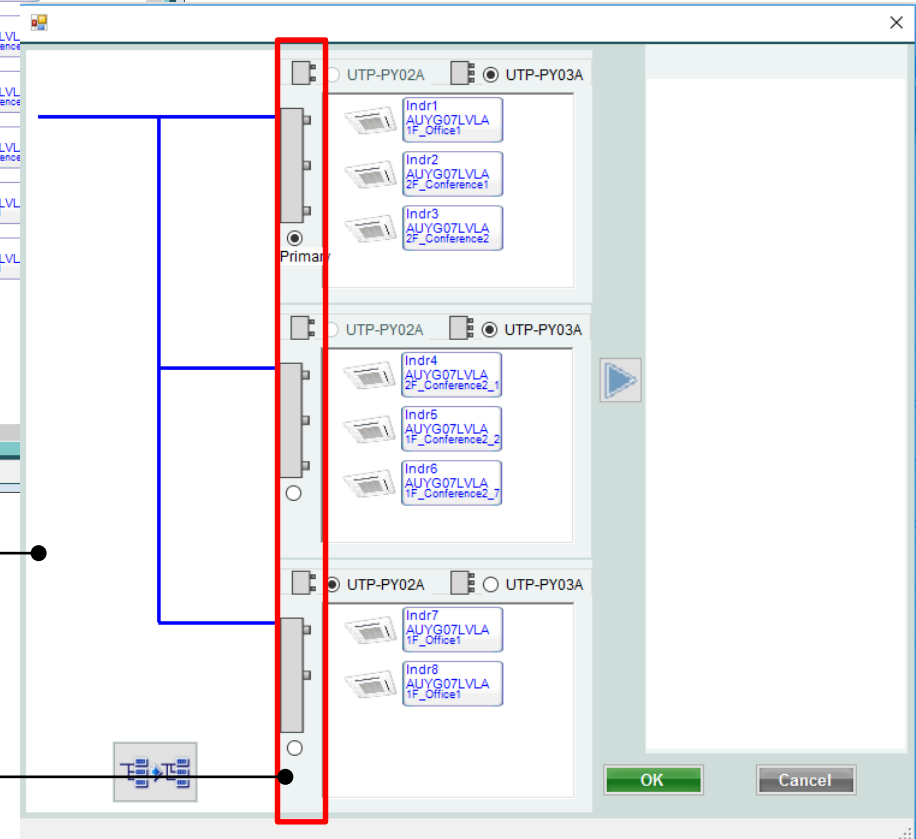
Modifikovanje unutrašnje jedinice (1/3)

Izaberite modifikovanje unutrašnje jedinice



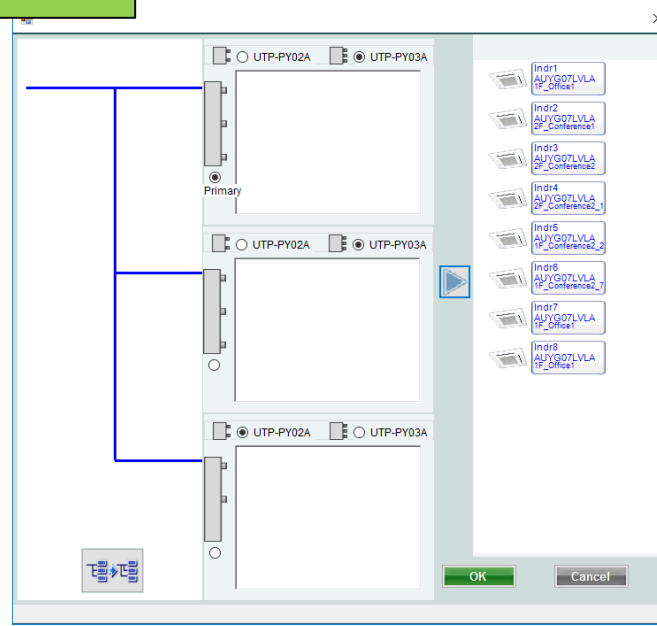
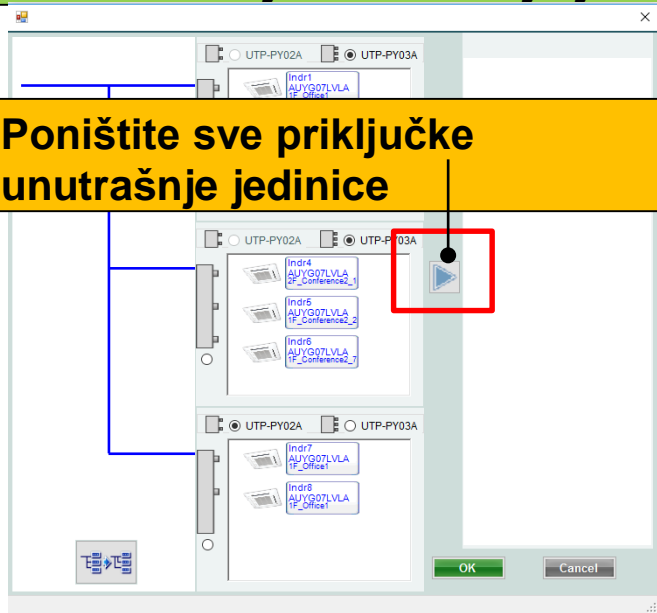
Metod spajanja unutrašnje jedinice može se promeniti pomoću priljučne kutije

Izaberite tip razvodne kutije
Izaberite primarnu razvodnu kutiju

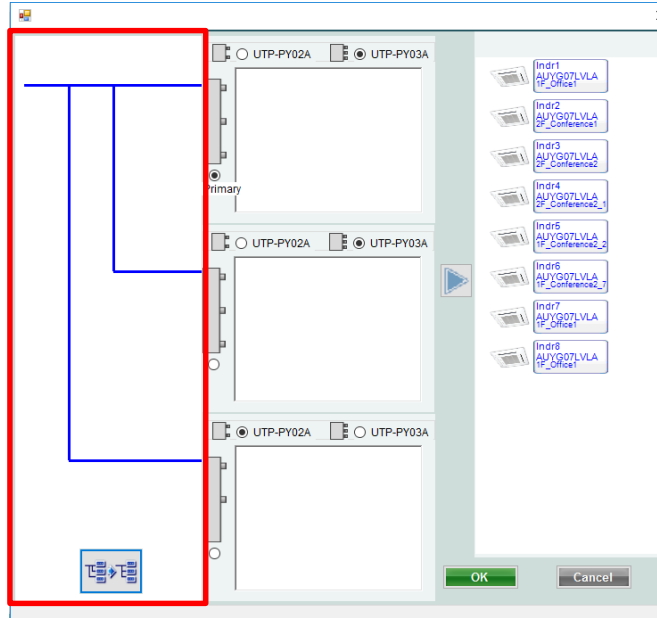
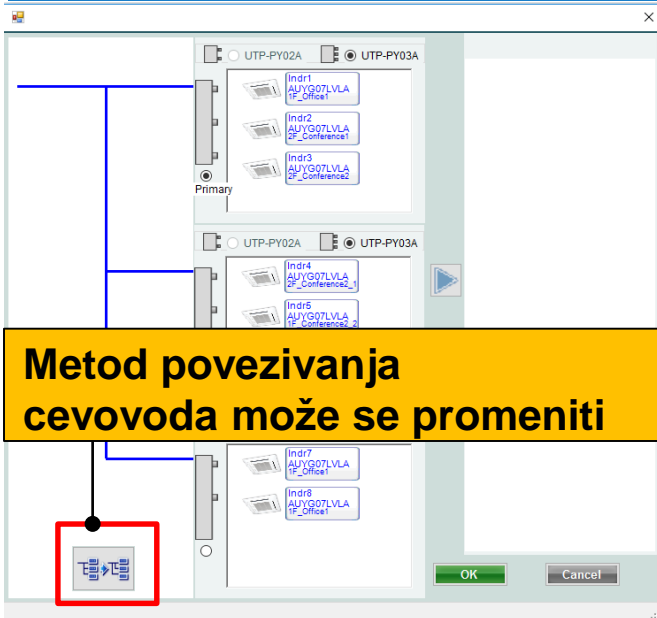


Modifikovanje unutrašnje jedinice (2/3)

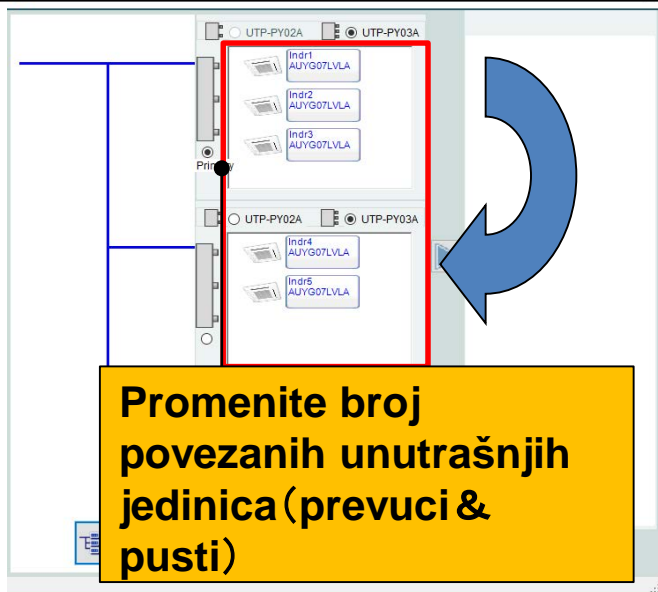
Poništite sve priključke unutrašnje jedinice



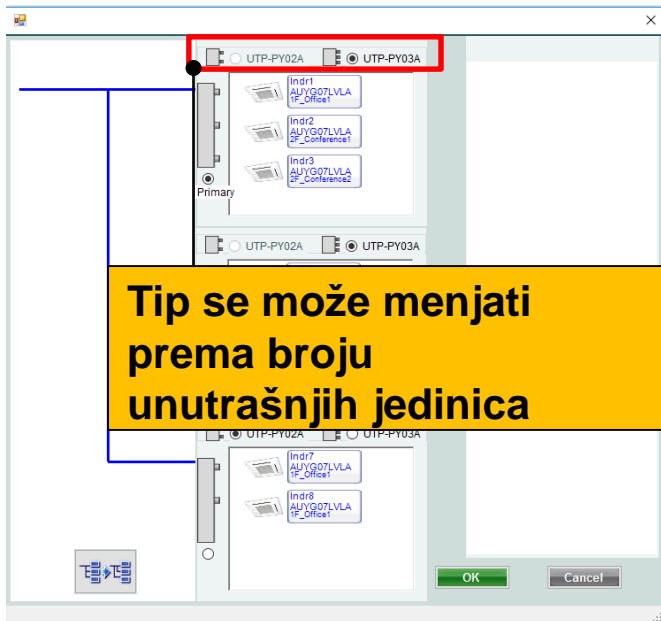
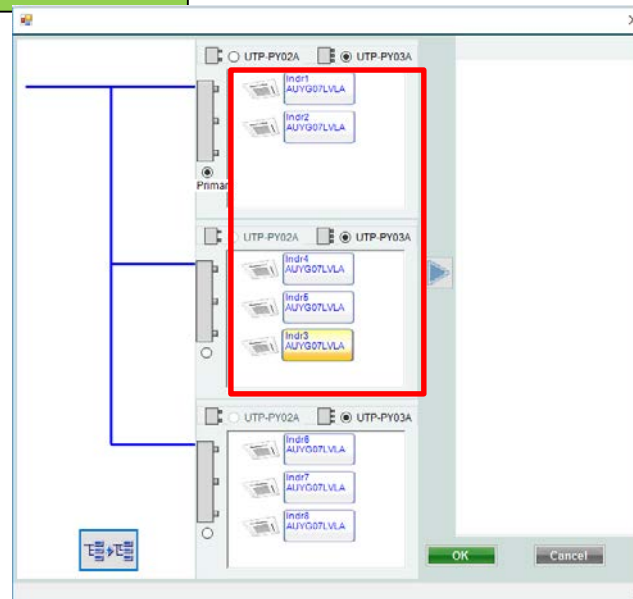
Metod povezivanja cevovoda može se promeniti



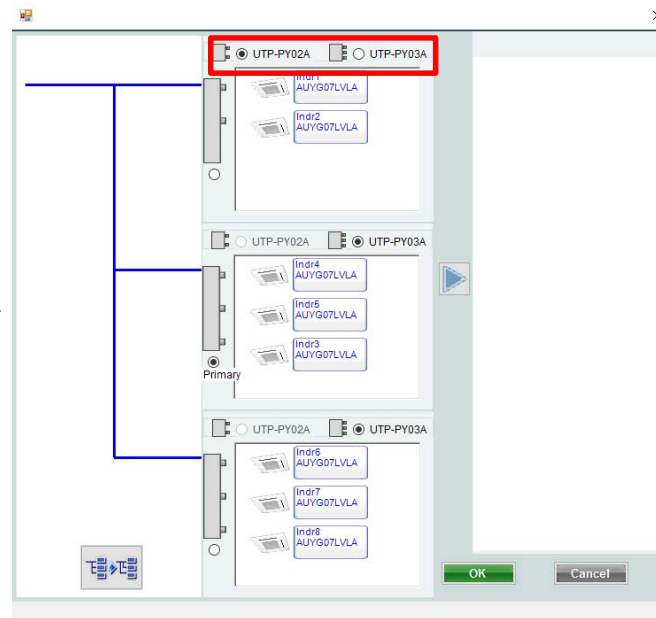
Modifikovanje unutrašnje jedinice (3/3)



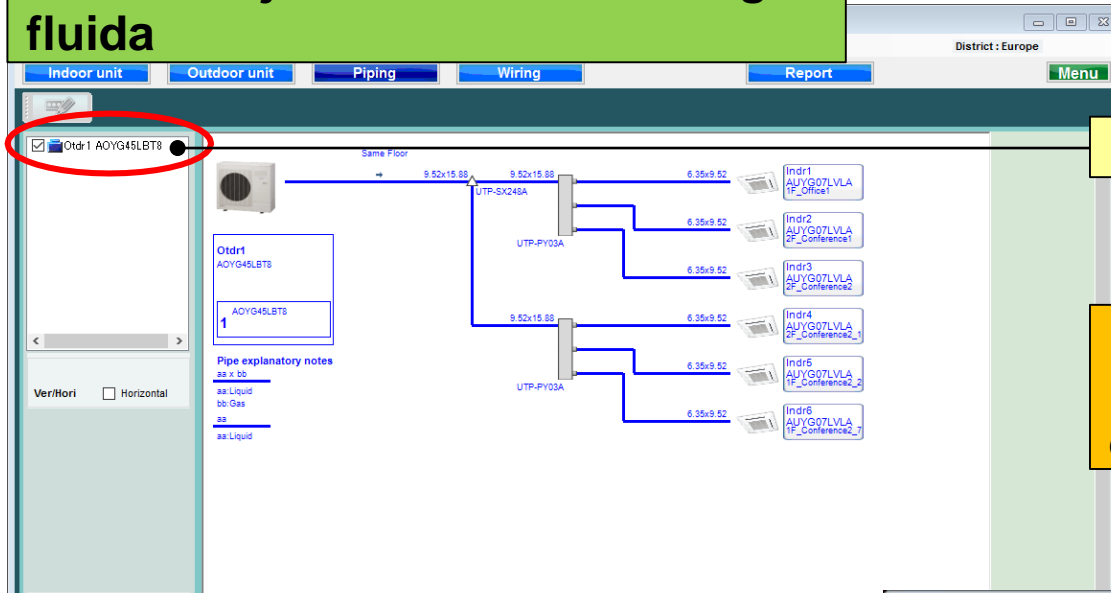
Promenite broj povezanih unutrašnjih jedinica (prevuci & pusti)



Tip se može menjati prema broju unutrašnjih jedinica

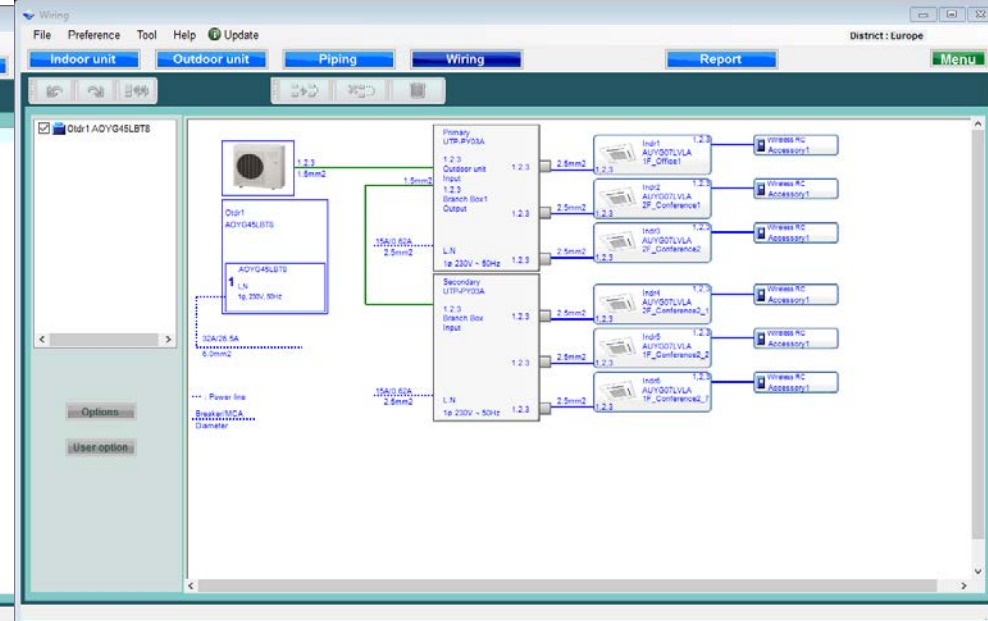
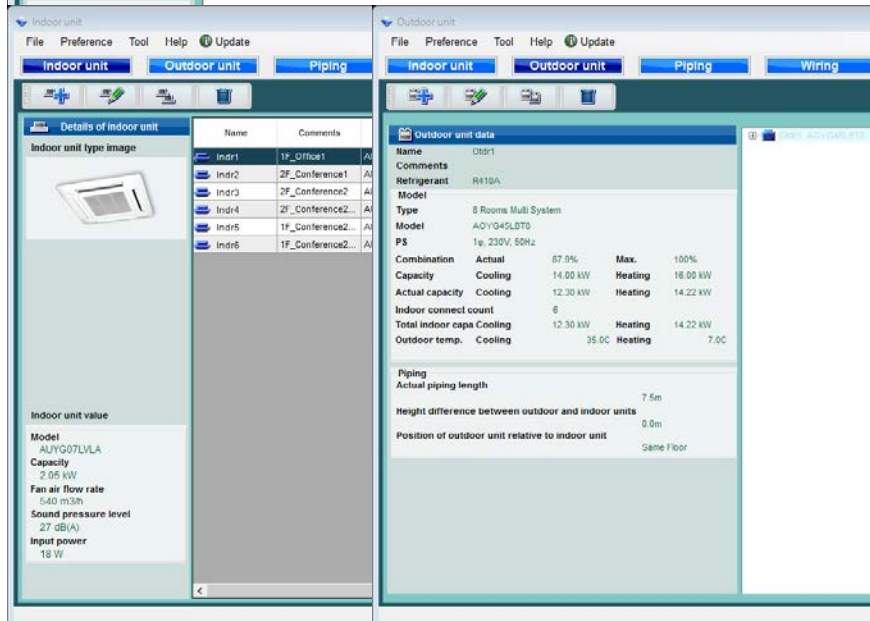


Određivanje sistema rashladnog fluida



Izaberite sistem rashladnog fluida

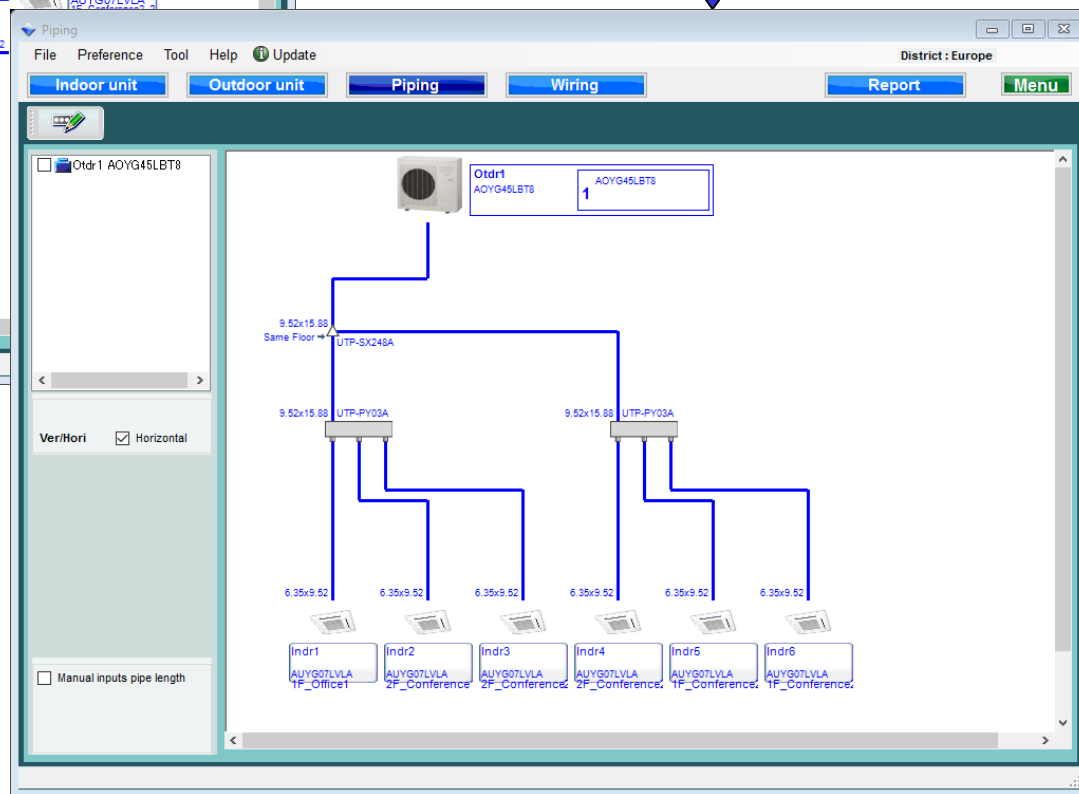
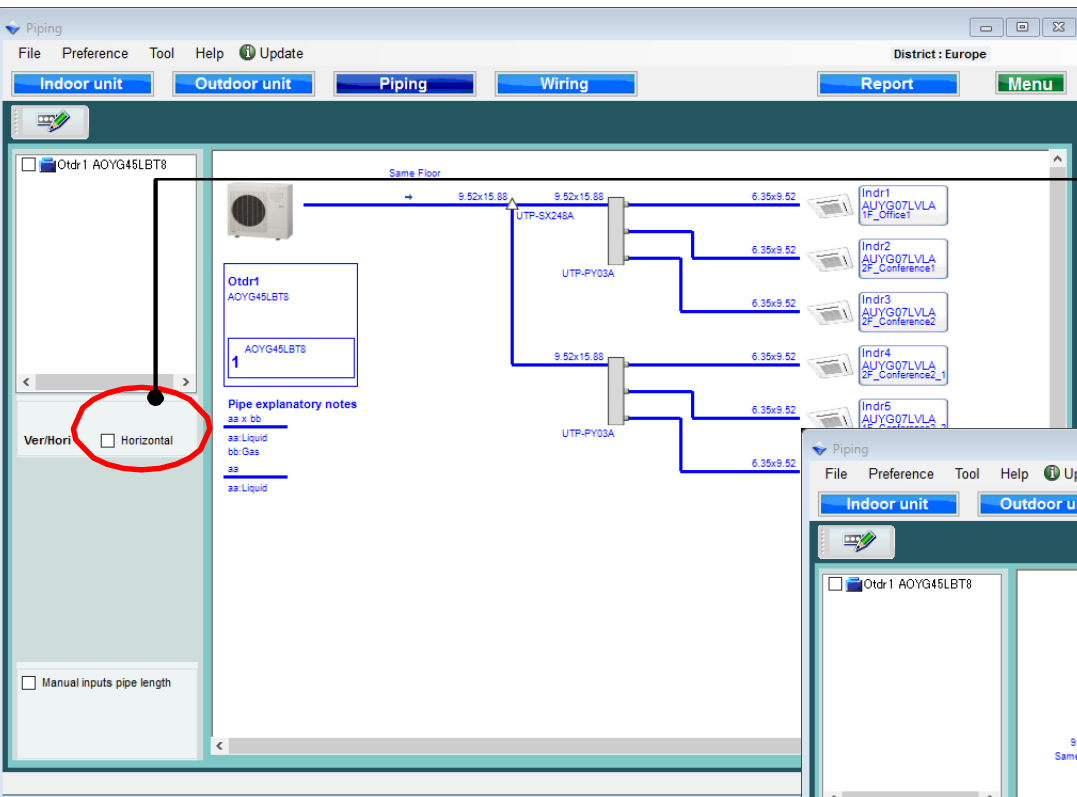
Izabrani sistem rashladnog fluida ne može se uređivati na svakom ekranu



Horizontalni prikaz

Izaberite "Horizontalno"

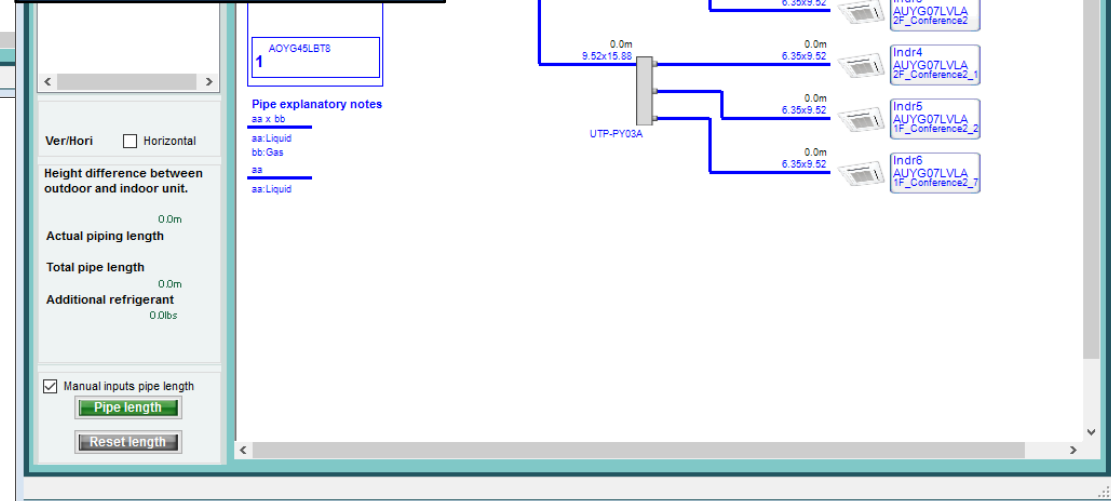
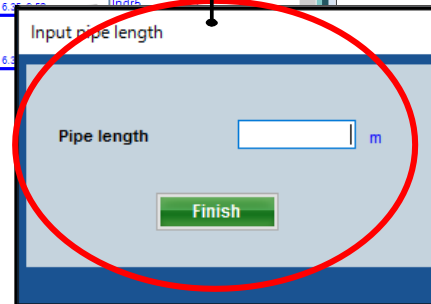
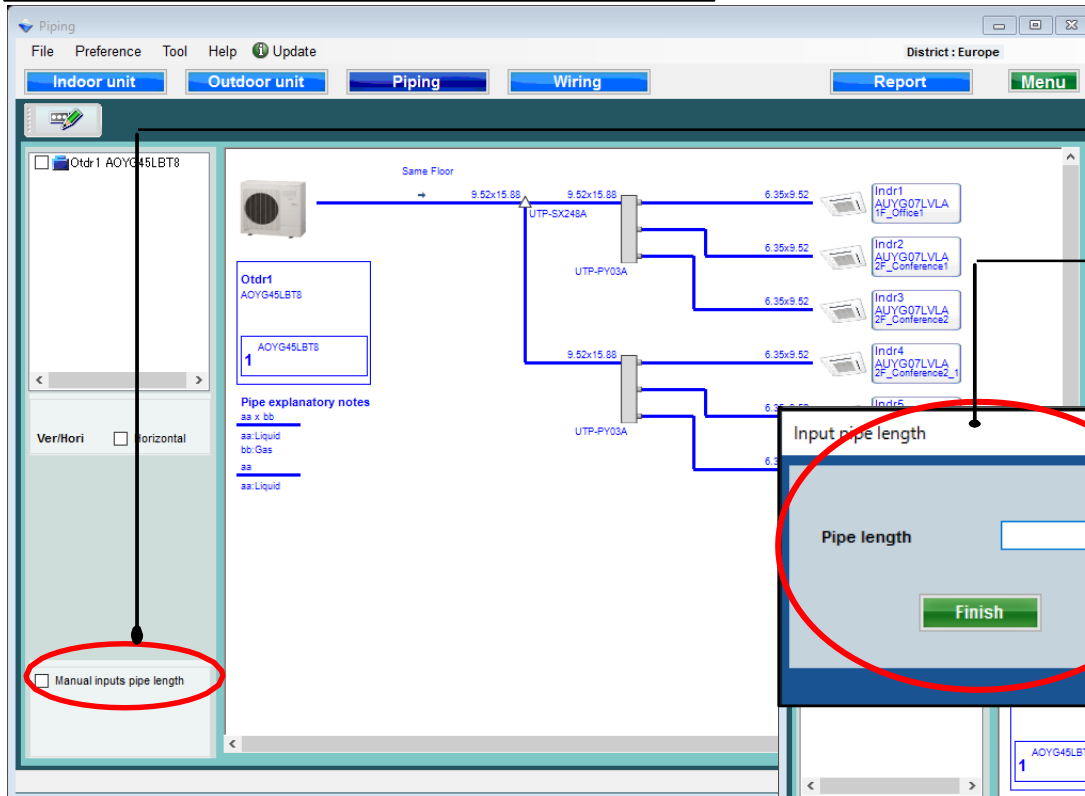
Promenjen je u horizontalni prikaz



Ručni unos dužine cevi (1/5)

Izaberite „Ručni unos dužine cevi“

Otvorite ekran za izbor dužine cevi



Ručni unos dužine cevi (2/5)

Unesite dužinu cevi

Izaberite svaku cev

Kada se sve dužine registruju izaberite "Završi"

The image displays a software interface for configuring a piping system. On the left, an 'Input pipe length' dialog box is shown with a text field containing '25' and a 'Finish' button. The main window shows a piping diagram with various components like 'Indr1 AUYG07LVLA 1F_Office1' and 'Otdr1 AOYG45LBT8'. A 'Piping' window is also visible, showing 'Indoor unit' and 'Outdoor unit' options. A second 'Input pipe length' dialog box is shown at the bottom, with '25 m' entered and the 'Finish' button highlighted. The background diagram shows a network of pipes connecting an outdoor unit to several indoor units, with labels like 'UTP-SX248A' and 'UTP-PY03A'.

Ručni unos dužine cevi (3/5)

File Preference Tool Help Update District: Europe

Indoor unit Outdoor unit Piping Wiring Report Menu

Same Floor

Otdr1 AOYG45LBT8

Indr1 AUYG07LVLA (F_Office1)

Indr2 AUYG07LVLA (2F_Conference1)

Indr3 AUYG07LVLA (2F_Conference2)

Indr4 AUYG07LVLA (2F_Conference2_1)

Indr5 AUYG07LVLA

UTP-SX248A

UTP-PY03A

Pipe explanatory notes

aa x bb
aa: Liquid
bb: Gas
aa
aa: Liquid

VeriHori Horizontal

Height difference between outdoor and indoor unit.

Actual piping length 0.0m

Total pipe length 75.0m

Additional refrigerant 1.05.0m

9.3lbs

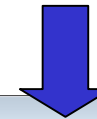
Manual inputs pipe length

Pipe length

Reset length

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

Upozorenje daje informacije o greškama kada informacija nije uneta ili prelazi ograničenja



Ponovite ponovo, a zatim izaberite "Završi"

File Preference Tool Help Update

Indoor unit Outdoor unit

Same Floor

Otdr1 AOYG45LBT8

Indr1 AUYG07LVLA (F_Office1)

Indr2 AUYG07LVLA (2F_Conference1)

Indr3 AUYG07LVLA (2F_Conference2)

Indr4 AUYG07LVLA (2F_Conference2_1)

Indr5 AUYG07LVLA (2F_Conference2_2)

Indr6 AUYG07LVLA (F_Conference2_1)

UTP-SX248A

UTP-PY03A

Pipe explanatory notes

aa x bb
aa: Liquid
bb: Gas
aa
aa: Liquid

VeriHori Horizontal

Height difference between outdoor and indoor unit.

Actual piping length 0.0m

Total pipe length 35.0m

Additional refrigerant 65.0m

5.9lbs

Manual inputs pipe length

Pipe length

Reset length

Input pipe length

Pipe length 5.0 m

Finish

Ručni unos dužine cevi (4/5)

The screenshot displays the 'Piping' software interface. The main window shows a duct layout starting from an outdoor unit 'Otdr1 AOYG45LBT8' on the left. The duct runs horizontally across the top, then turns vertically down, and then branches into six horizontal ducts leading to indoor units 'Indr1' through 'Indr6'. Each duct segment is labeled with its length and pipe size, such as '5.0m 9.52x15.88' and '5.0m 6.35x9.52'. The software includes a menu bar (File, Preference, Tool, Help, Update), a toolbar, and a sidebar with buttons for 'Indoor unit', 'Outdoor unit', 'Piping', 'Wiring', 'Report', and 'Menu'. The sidebar also shows a list of units and a 'Pipe explanatory notes' section.

Actual piping length 35.0m

Additional refrigerant 5.9lbs

Prikaz trenutne dužine cevovoda: deklarirana i registrovana dužina

Dodatna količina rashladnog fluida se automatski izračunava i prikazuje

Ručni unos dužine cevi (5/5)

Izaberite resetuj dužinu

Izaberite Y ili N

Resetujte dužinu

File Preference Tool Help Update District : Europe

Indoor unit Outdoor unit Piping Wiring Report Menu

Otdr1 AOYG45LBT8

Actual piping length 35.0m

Total pipe length 65.0m

Additional refrigerant 9.3lbs

Manual inputs pipe length **Reset length**

Height difference between outdoor and indoor unit. aa x bb aa: Liquid bb: Gas aa: Liquid

Actual piping length 0.0m

Total pipe length 0.0m

Additional refrigerant 0.0lbs

Manual inputs pipe length **Reset length**

NewVRF Is it reset the all pipe length? はい(Y) いいえ(N)

District : Europe

Piping Wiring Report Menu

Actual piping length 0.0m

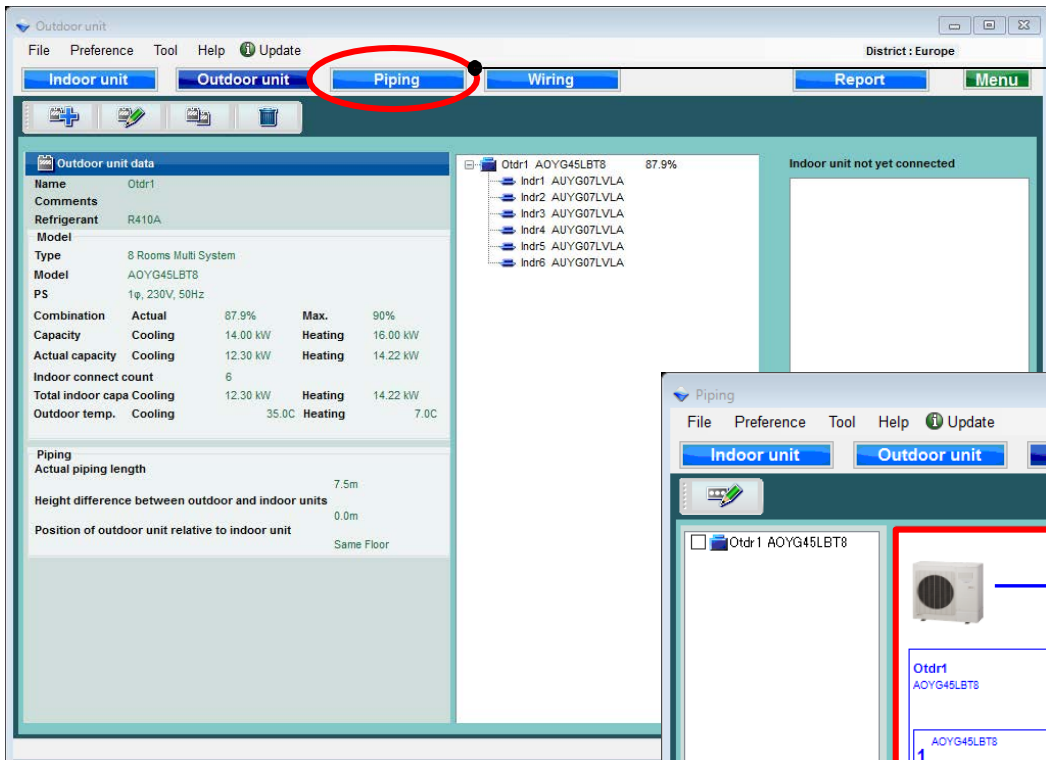
Total pipe length 0.0m

Additional refrigerant 0.0lbs

Manual inputs pipe length **Reset length**

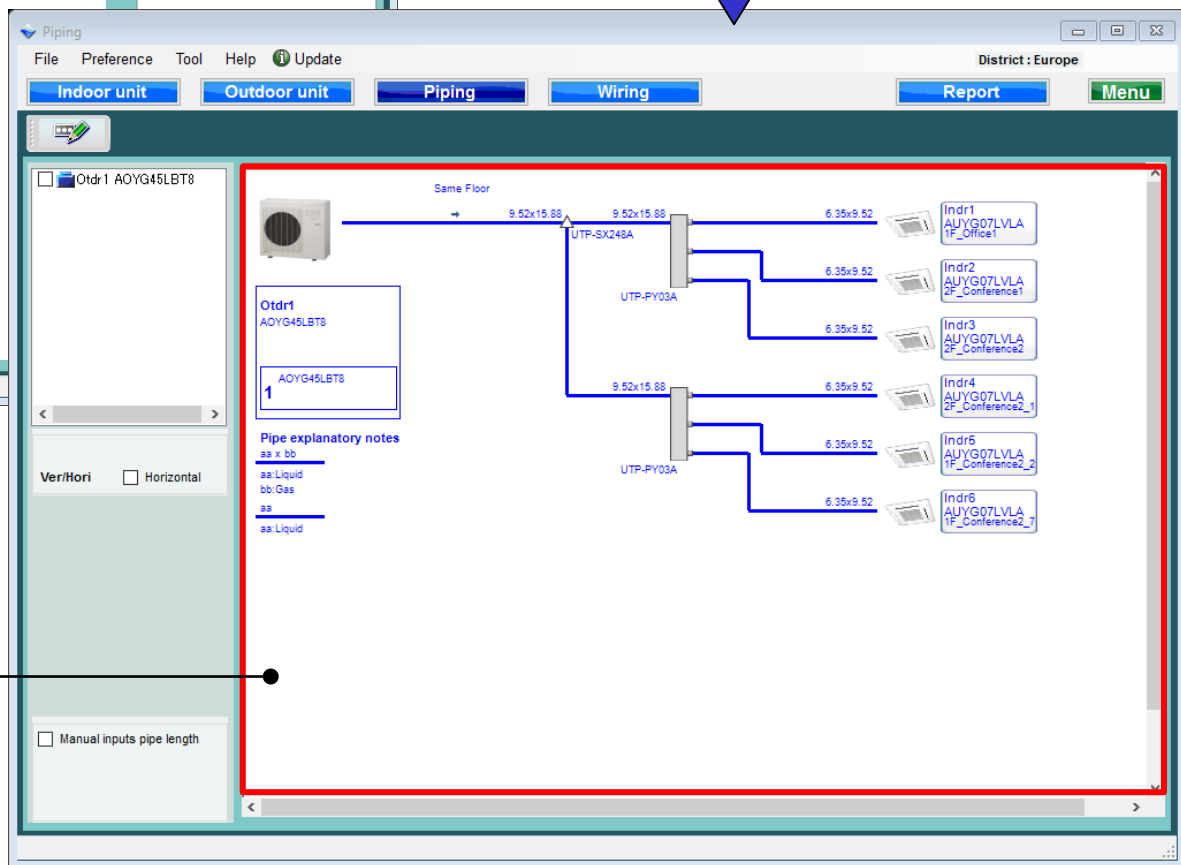
Тръбно трасе

Дизайн симулатор



Изберете "Тръбно трасе"

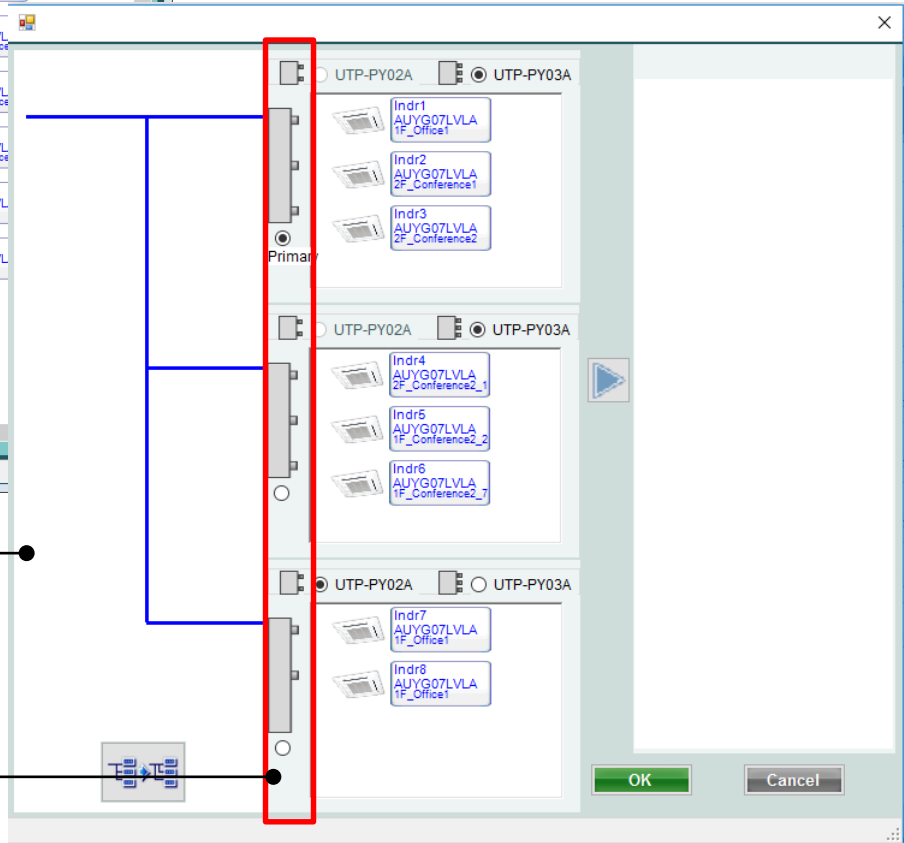
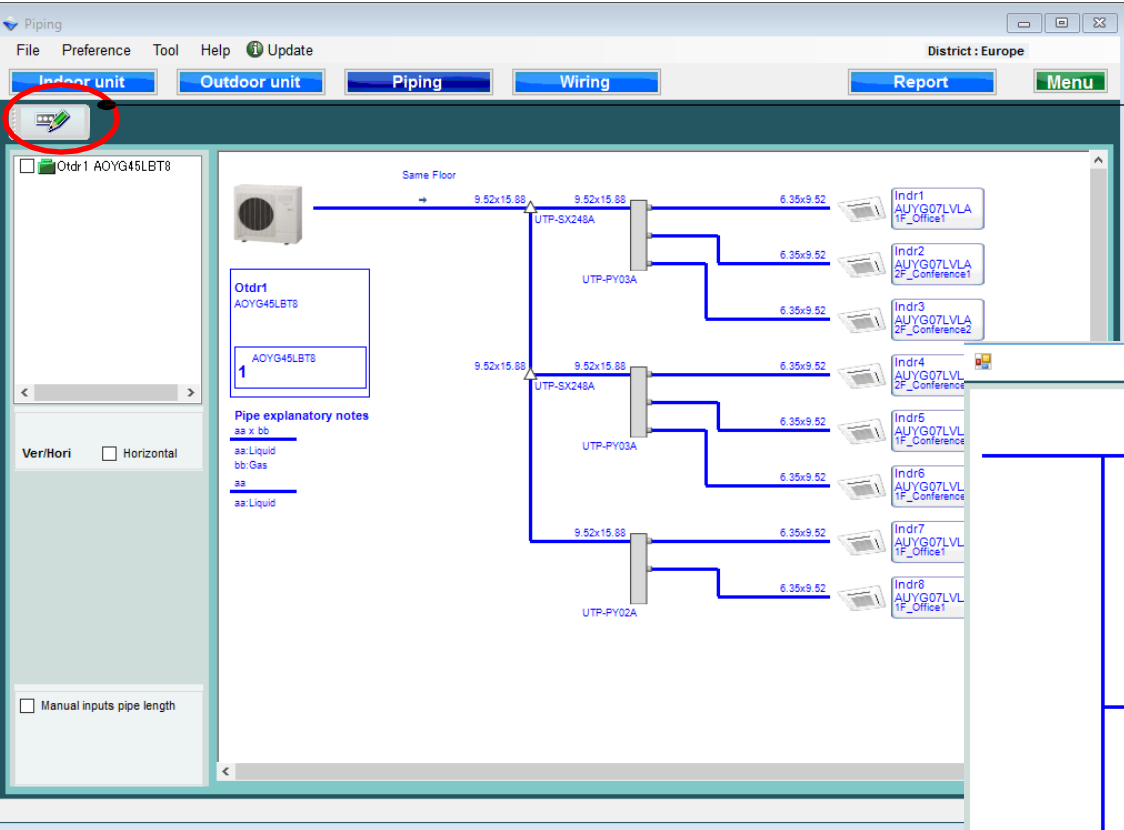
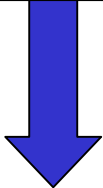
Създава схема на Тръбното трасе



Визуализира размер на тръбата, модели външни и вътрешни тела, както и газови разпределители.

Промяна на вътрешно тяло (1/3)

Изберете промяна на вътрешно тяло

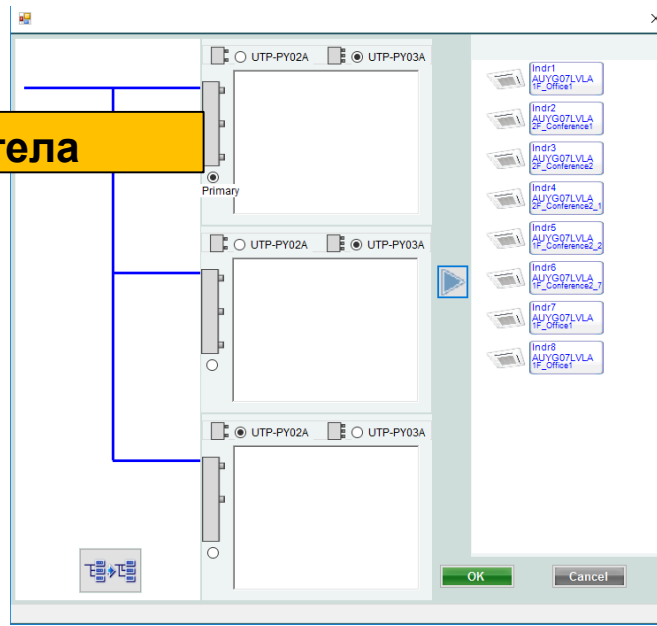
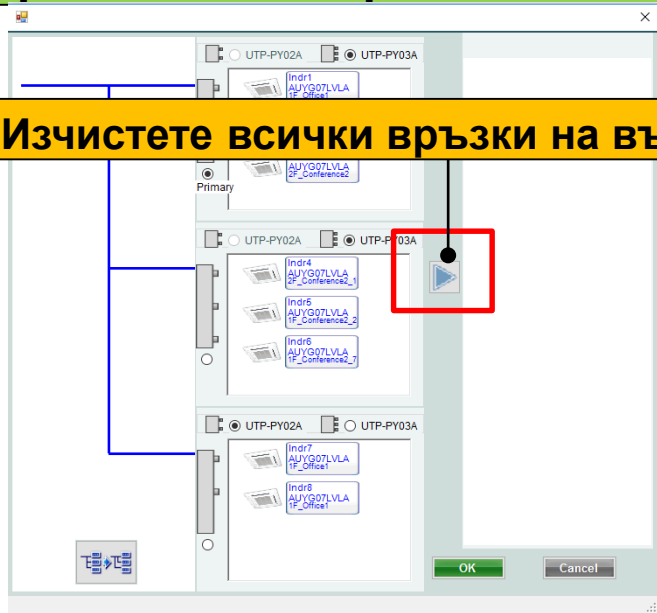


Може да се промени начинът на свързване на тялото с разпределителна кутия

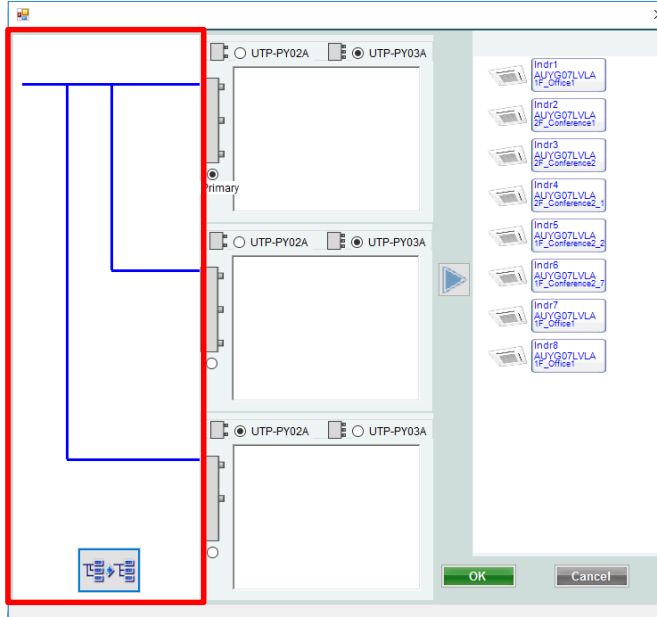
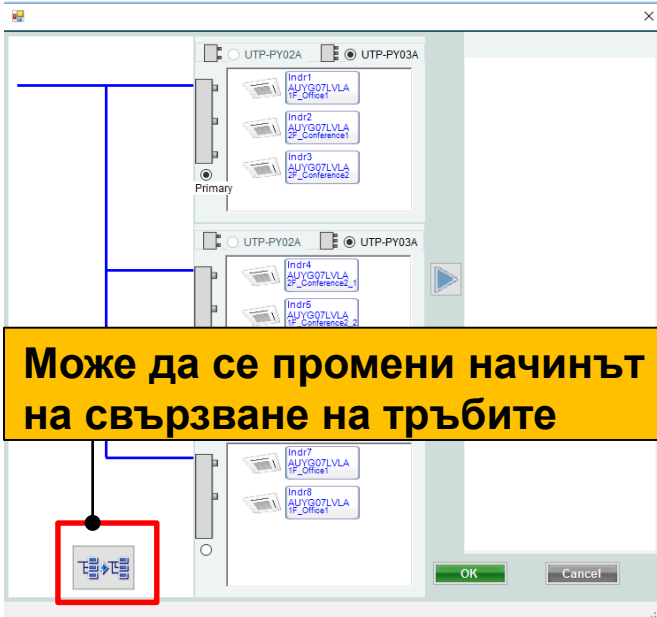
Изберете тип разпределителна кутия
Изберете първична разпределителна кутия

Промяна на вътрешно тяло (2/3)

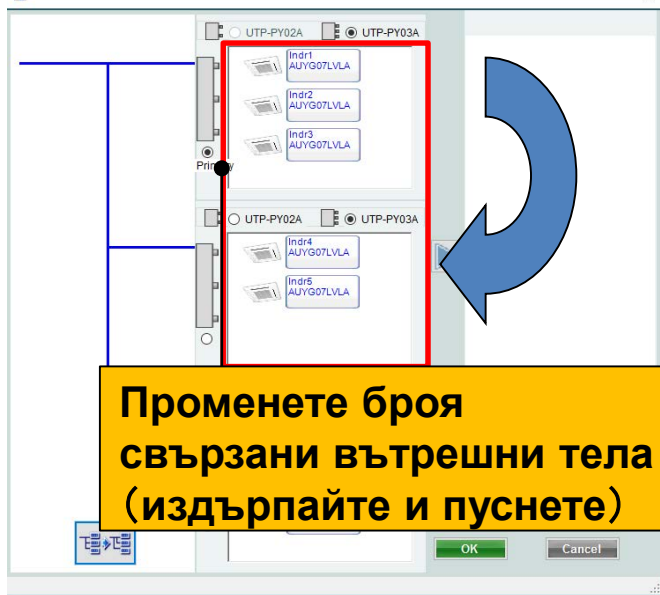
Изчистете всички връзки на вътрешните тела



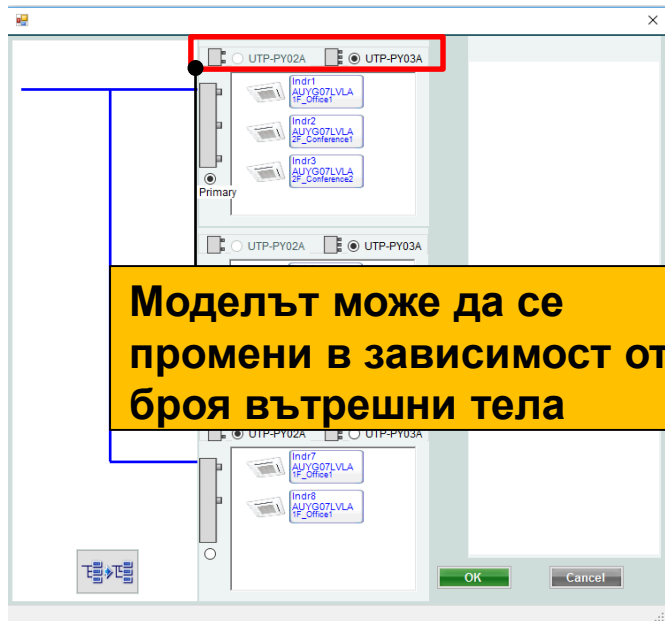
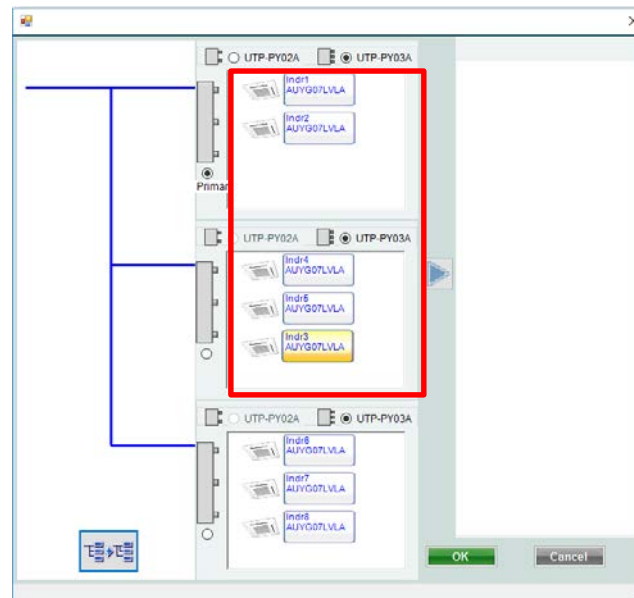
Може да се промени начинът на свързване на тръбите



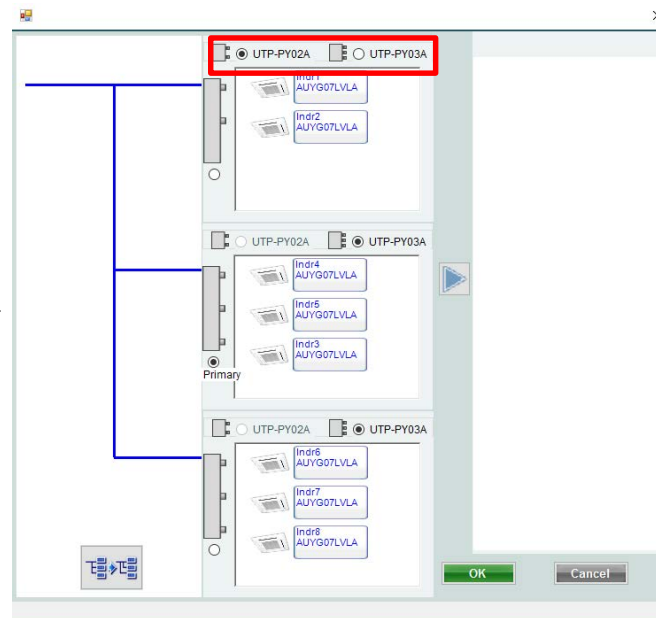
Промяна на вътрешно тяло (3/3)



Променете броя свързани вътрешни тела (издърпайте и пуснете)



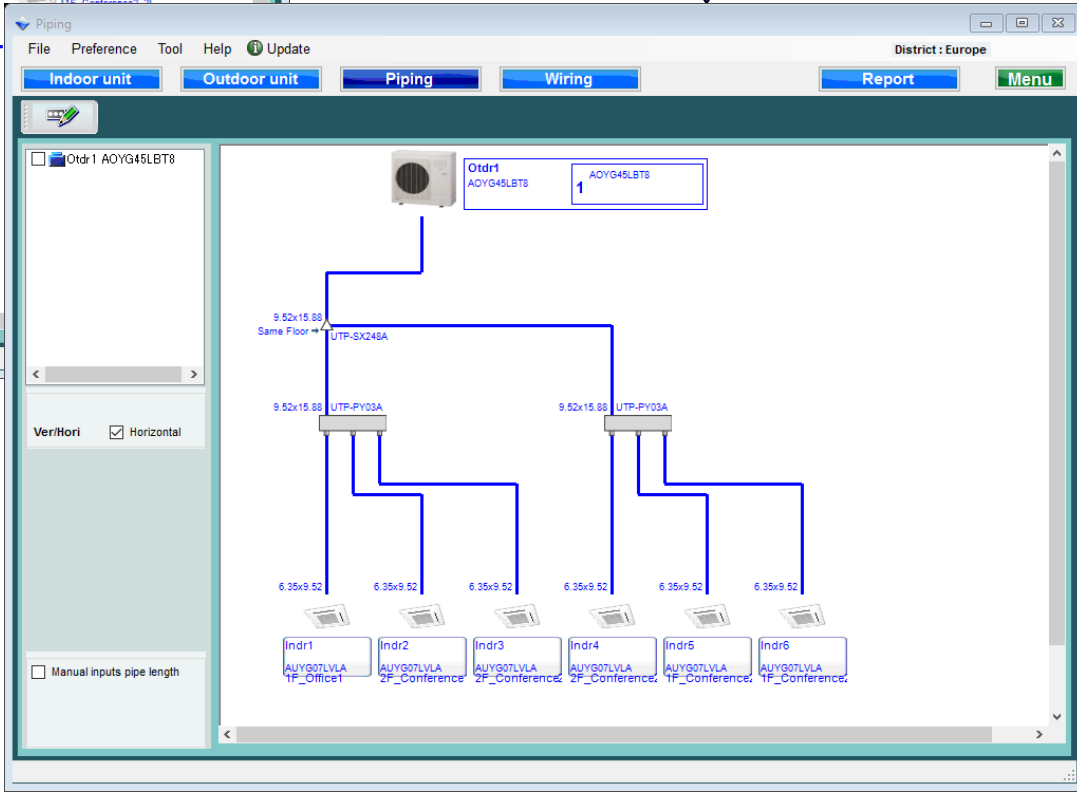
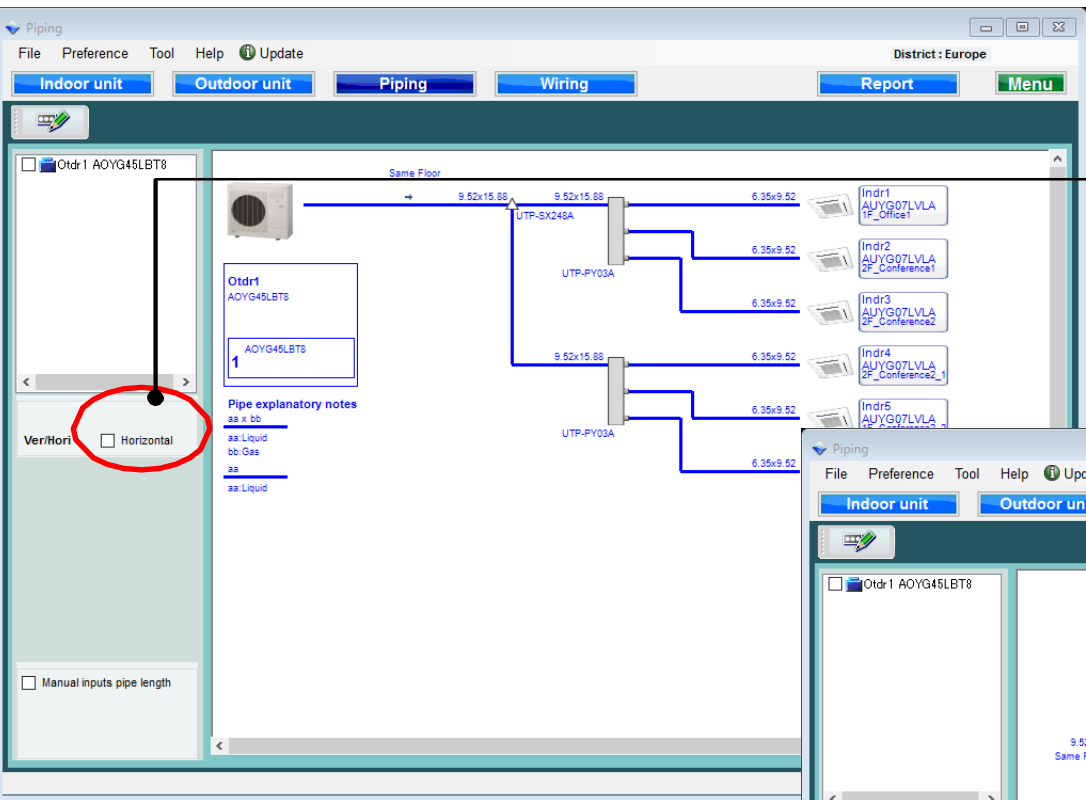
Моделът може да се промени в зависимост от броя вътрешни тела



Хоризонтален изглед

Изберете "Хоризонтален"

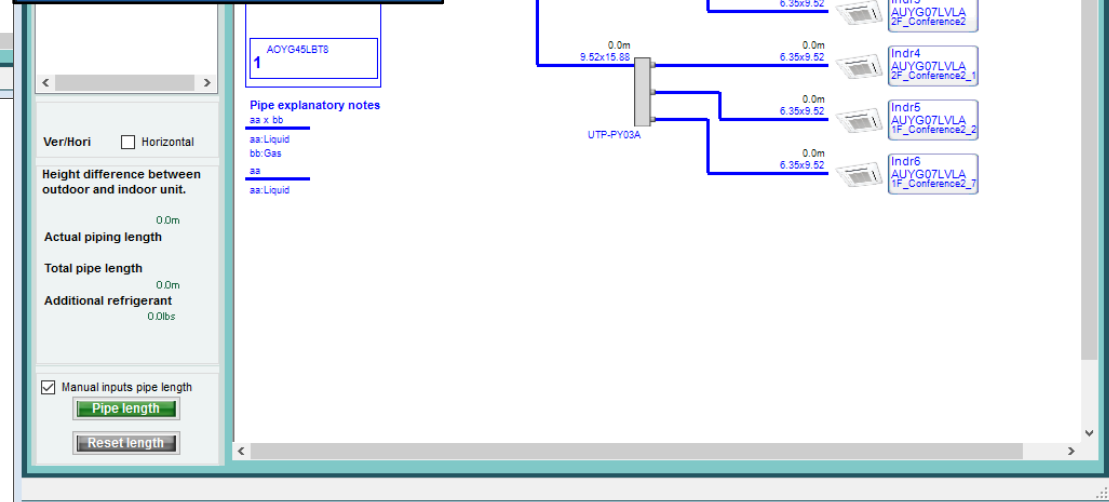
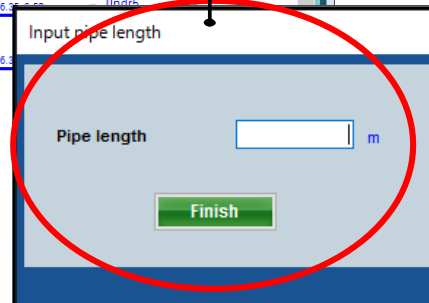
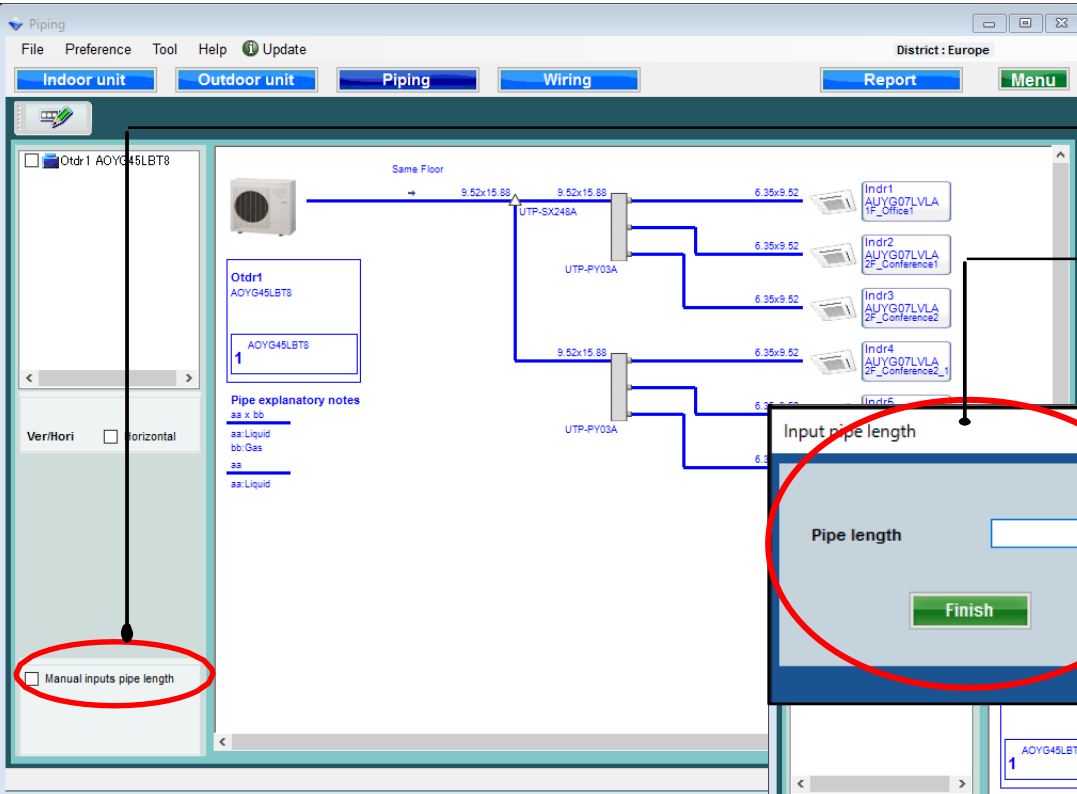
Променя изгледа в хоризонтален



Ръчно въвеждане дължина на тръбата (1/5)

Изберете „Ръчно въвеждане дължина на тръбата“

Отваря се екран за въвеждане дължина на тръбата



Ръчно въвеждане дължина на тръбата (2/5)

Въведете дължина на тръбата

Въведете дължина за всяка тръба

След въвеждане на всички дължини, изберете "Приклучи"

The screenshot shows the software interface for manual pipe length input. On the left, the 'Input pipe length' dialog box is open, with the 'Pipe length' field set to 25 and circled in red. Below the dialog, there are fields for 'Actual piping length', 'Total pipe length', and 'Additional refrigerant', along with a 'Manual inputs pipe length' checkbox and 'Pipe length' and 'Reset length' buttons. The main window displays a piping diagram with various components like 'Indr1 AUYG07LVLA 1F_Office1' and 'UTP-SX248A'. A specific pipe segment is circled in red.

The screenshot shows the software interface after the manual pipe length input. The 'Input pipe length' dialog box is still open, but the 'Finish' button is circled in red. The main window displays the completed piping diagram, showing the outdoor unit connected to the indoor units via the network of pipes.

Ръчно въвеждане дължина на тръбата (3/5)

File Preference Tool Help Update District: Europe

Indoor unit Outdoor unit Piping Wiring Report Menu

Same Floor

25.0m 25.0m 25.0m

9.52x15.88 9.52x15.88 6.35x9.52

UTP-SX248A

Indr1 AUYG07LVLA (F_Office1)

Indr2 AUYG07LVLA (2F_Conference1)

Indr3 AUYG07LVLA (2F_Conference2)

Indr4 AUYG07LVLA (2F_Conference2_1)

Indr5 AUYG07LVLA

UTP-PY03A

5.0m 6.35x9.52 5.0m 6.35x9.52 5.0m 6.35x9.52 5.0m 6.35x9.52 5.0m 6.35x9.52 5.0m 6.35x9.52

Otdr1 AOYG45LBT8

1 AOYG45LBT8

Pipe explanatory notes

aa x bb
aa: Liquid
bb: Gas
aa
aa: Liquid

VeriHori Horizontal

Height difference between outdoor and indoor unit.

Actual piping length 0.0m

Total pipe length 75.0m

Additional refrigerant 1.05Om 9.3lbs

Name Error message

Name	Error message
Indr 1	Pipe length between master outdoor unit and the farthest indoor unit must be less than 15.0m.
Indr 1	The pipe length between the branch box and the indoor unit must be less than 15.0m.

Manual inputs pipe length

Pipe length

Reset length

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

Сигнал за грешка ако не е въведена информация или са превишени ограничения.



Повторете, след което изберете "Приключване"

File Preference Tool Help Update

Indoor unit Outdoor unit

Same Floor

5.0m 25.0m 5.0m

9.52x15.88 9.52x15.88 6.35x9.52

UTP-SX248A

Indr1 AUYG07LVLA (F_Office1)

Indr2 AUYG07LVLA (2F_Conference1)

Indr3 AUYG07LVLA (2F_Conference2)

Indr4 AUYG07LVLA (2F_Conference2_1)

Indr5 AUYG07LVLA

Indr6 AUYG07LVLA (2F_Conference2_2)

Indr6 AUYG07LVLA (2F_Conference2_1)

UTP-PY03A

5.0m 6.35x9.52 5.0m 6.35x9.52 5.0m 6.35x9.52 5.0m 6.35x9.52 5.0m 6.35x9.52

Otdr1 AOYG45LBT8

1 AOYG45LBT8

Pipe explanatory notes

aa x bb
aa: Liquid
bb: Gas
aa
aa: Liquid

VeriHori Horizontal

Height difference between outdoor and indoor unit.

Actual piping length 0.0m

Total pipe length 35.0m

Additional refrigerant 65.0m 5.9lbs

Manual inputs pipe length

Pipe length

Reset length

Input pipe length

Pipe length 5.0 m

Finish

Ръчно въвеждане дължина на тръбата (4/5)

The screenshot displays a piping design software interface. The main workspace shows a duct layout starting from an outdoor unit (Otdr1 AOYG45LBT8) on the left, connected to a central manifold (UTP-SX248A) on the 'Same Floor'. From this manifold, two vertical risers (UTP-PY03A) lead to two more manifolds. Each of these manifolds has three horizontal branches leading to indoor units (Indr1 through Indr6). Pipe lengths are indicated along the lines, such as 5.0m and 9.52x15.88. The indoor units are labeled with model numbers like AUYG07LVLA and room names like 1F_Office1.

On the left side, there is a control panel with the following elements:

- A list of units: Otdr1 AOYG45LBT8 and AOYG45LBT8 1.
- Buttons for 'Indoor unit', 'Outdoor unit', 'Piping', 'Wiring', 'Report', and 'Menu'.
- Settings for 'Ver/Hori' (Horizontal) and 'Height difference between outdoor and indoor unit'.
- Two fields circled in red: 'Actual piping length' (35.0m) and 'Additional refrigerant' (5.8lbs).
- Checkboxes for 'Manual inputs pipe length' and buttons for 'Pipe length' and 'Reset length'.

Below the control panel, there are two yellow callout boxes with text in Bulgarian:

- Показва общата дължина: въведена и регистрирана** (Shows the total length: entered and registered)
- Допълнителното количество хладилен агент се изчислява автоматично.** (The additional amount of refrigerant is calculated automatically.)

Ръчно въвеждане дължина на тръбата (5/5)

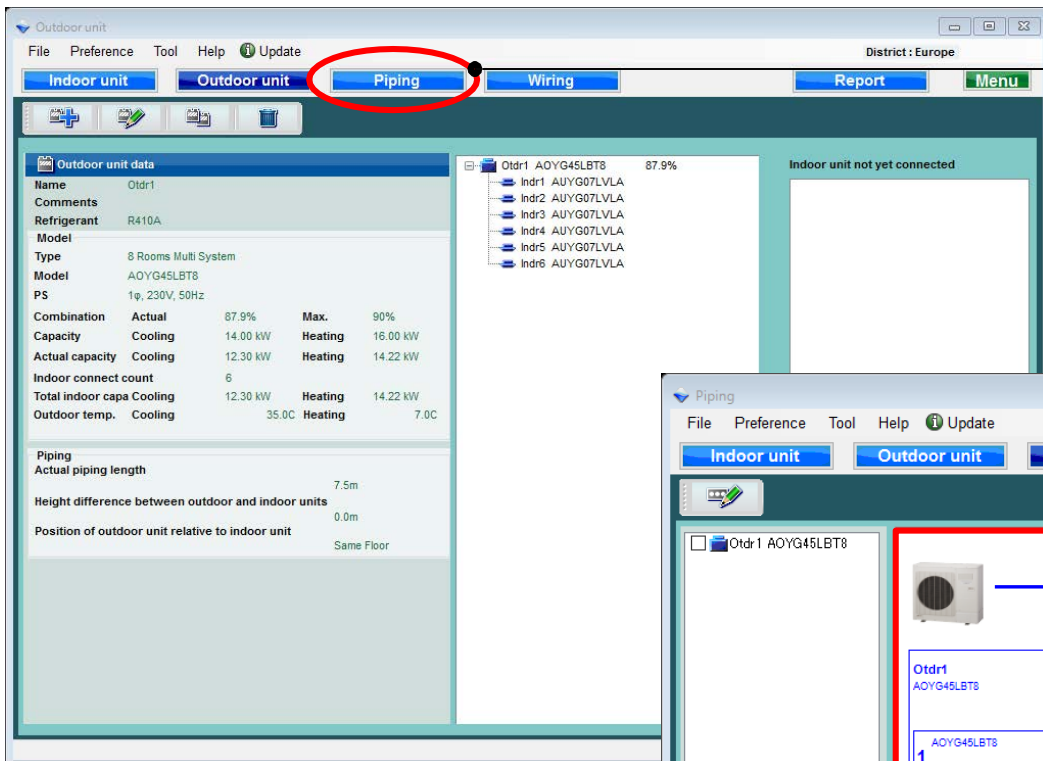
The screenshot shows the 'Piping' software interface. On the left, there is a panel for 'Otdr1 AOYG45LBT8' with a 'Pipe explanatory notes' section. The main area displays a piping layout with various components like 'UTP-SX248A' and 'UTP-PY03A'. A 'NewVRF' dialog box is open in the center, asking 'Is it reset the all pipe length?' with 'はい(Y)' and 'いいえ(N)' buttons. The 'Reset length' button in the bottom left of the software interface is circled in red.

Нулиране на дължините

Изберете Да (Y) или Не (N)

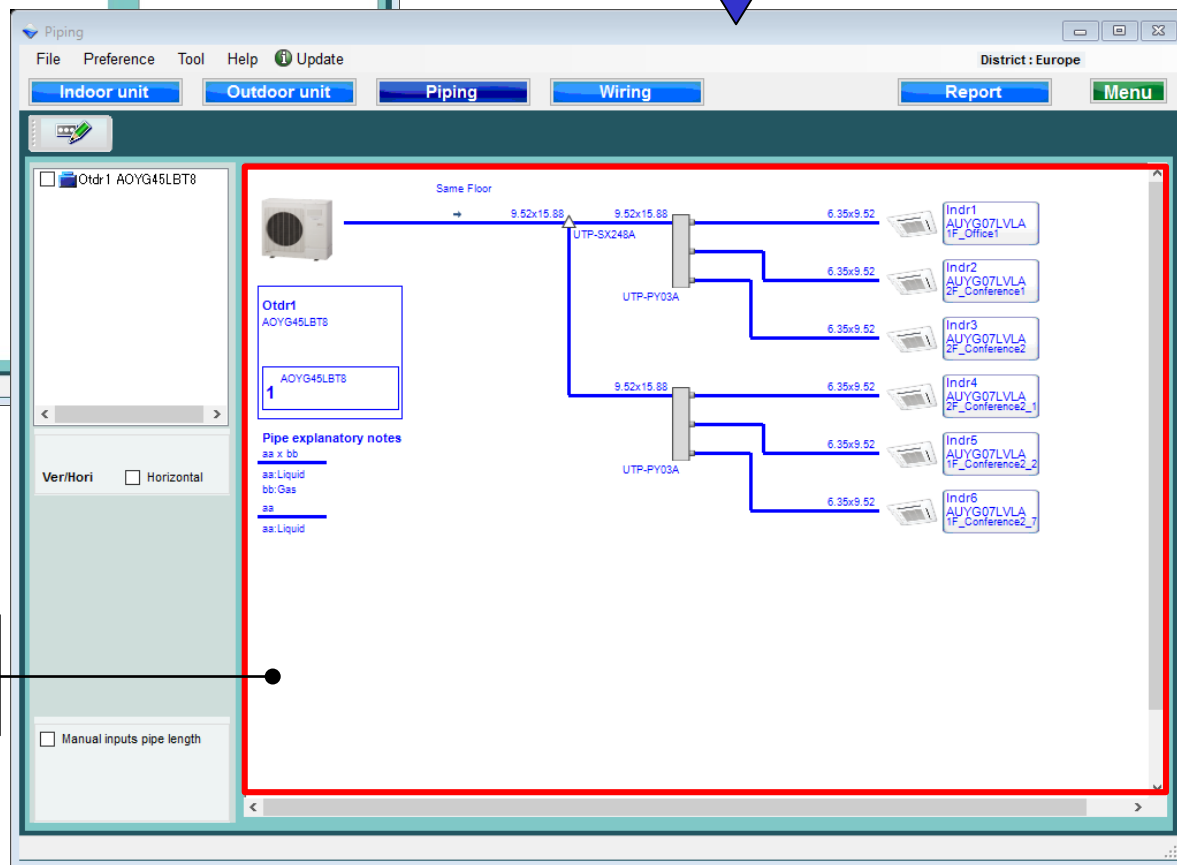
Дължините са изтрети

This screenshot shows the same piping layout as the previous one, but with all pipe lengths reset to 0.0m. The 'Actual piping length' and 'Total pipe length' are now 0.0m. The 'Reset length' button in the bottom left is still circled in red.



選擇“管線”

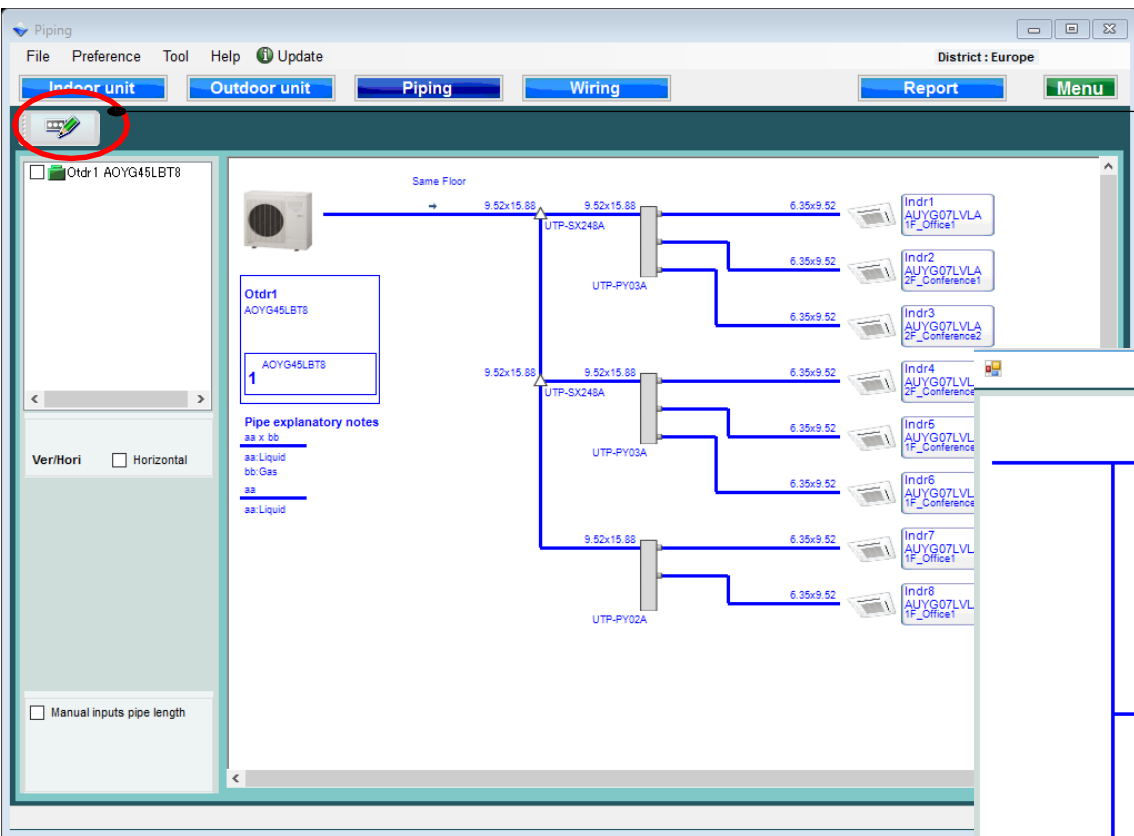
管線系統圖



顯示管道直徑，室外機，
室內機和連接單元的型號名稱。

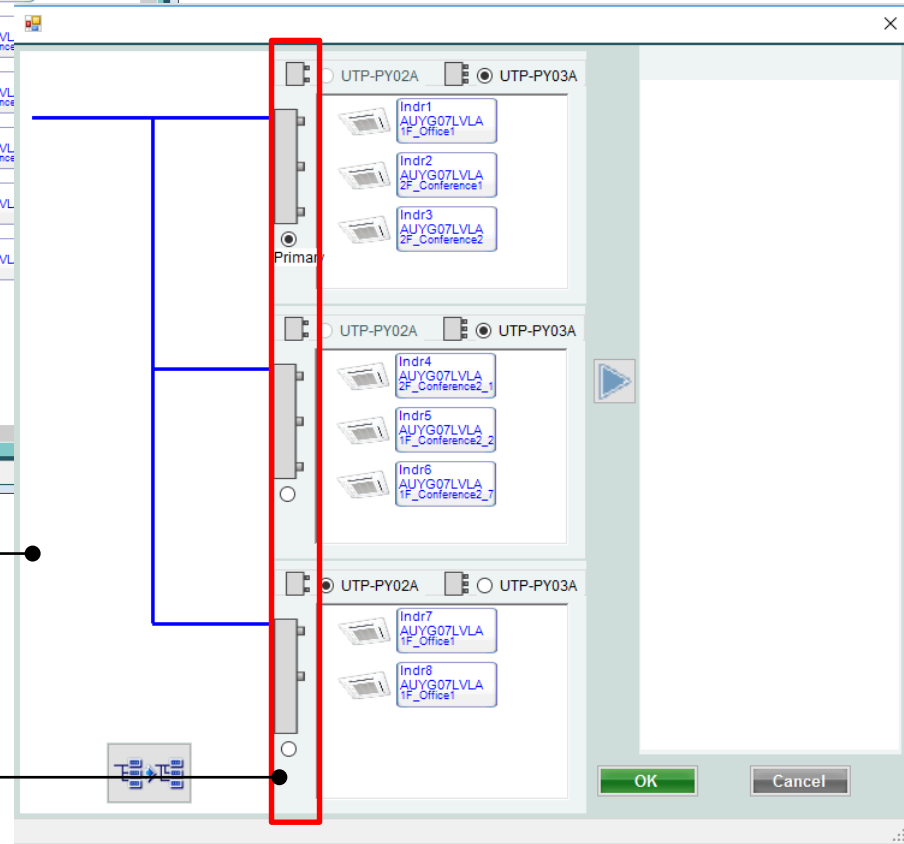
修改室內機 (1/3)

選擇修改室內機



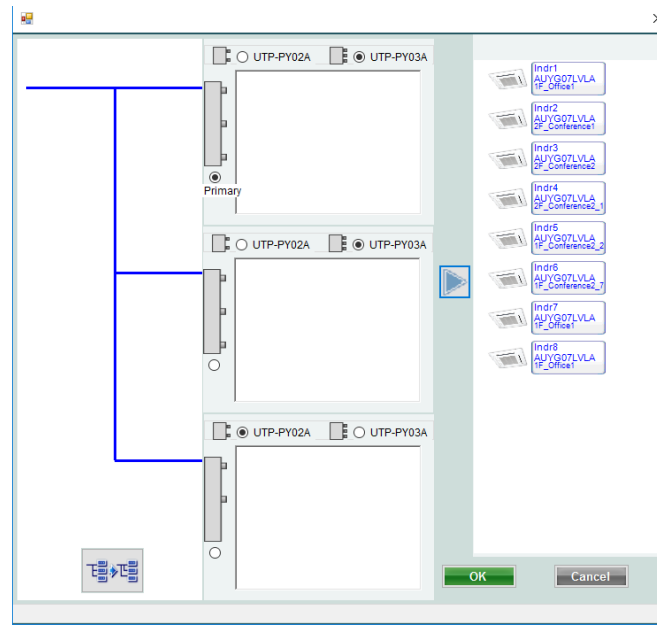
使用接線盒的室內機連接方法可以更

選擇接線盒類型
選擇主接線盒

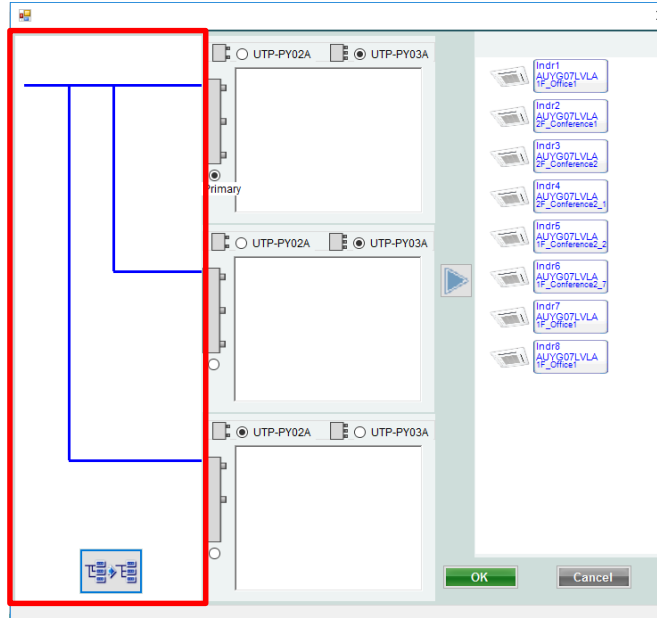


修改室內機 (2/3)

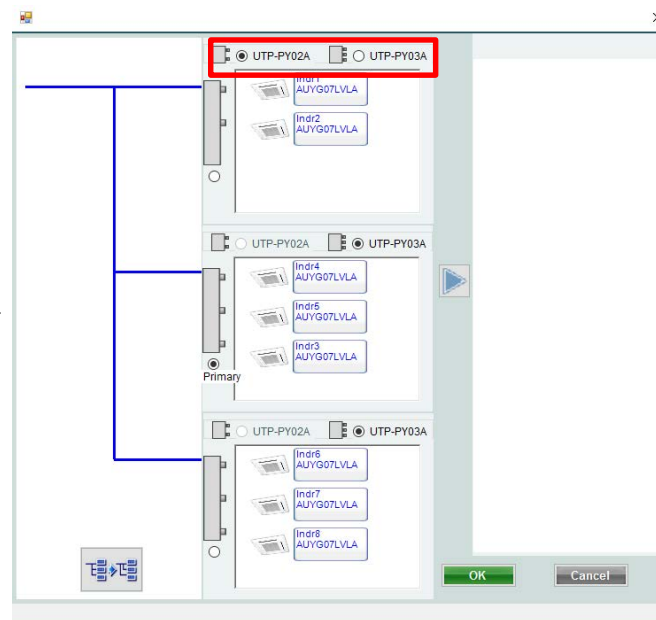
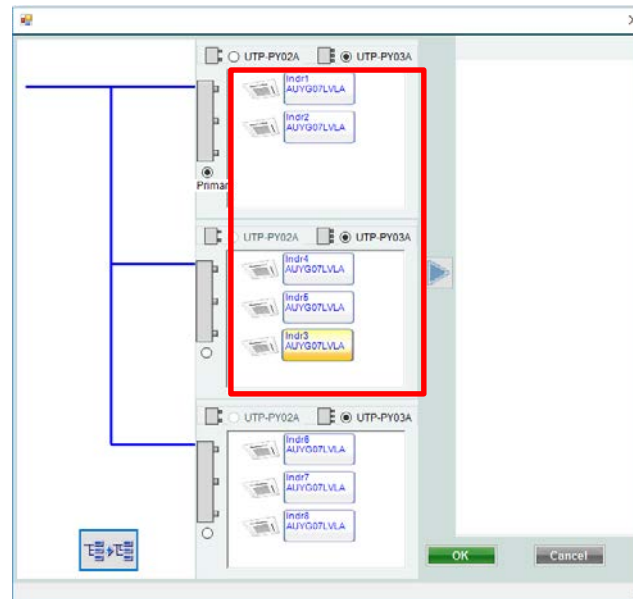
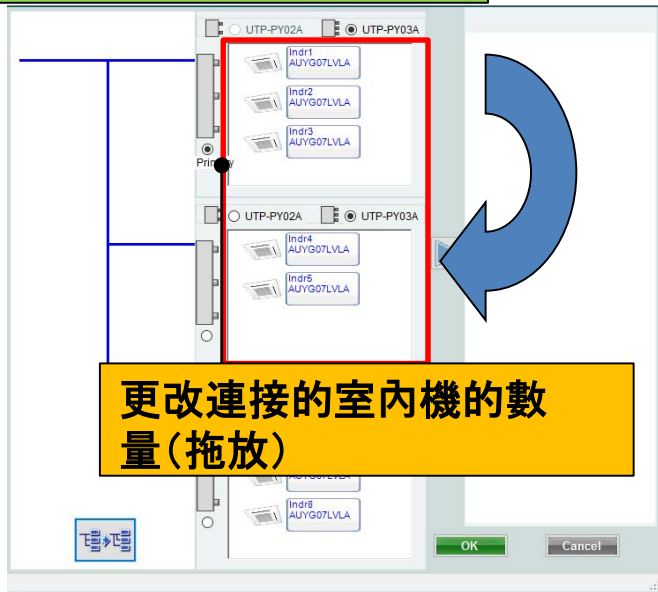
重置所有室內機連接



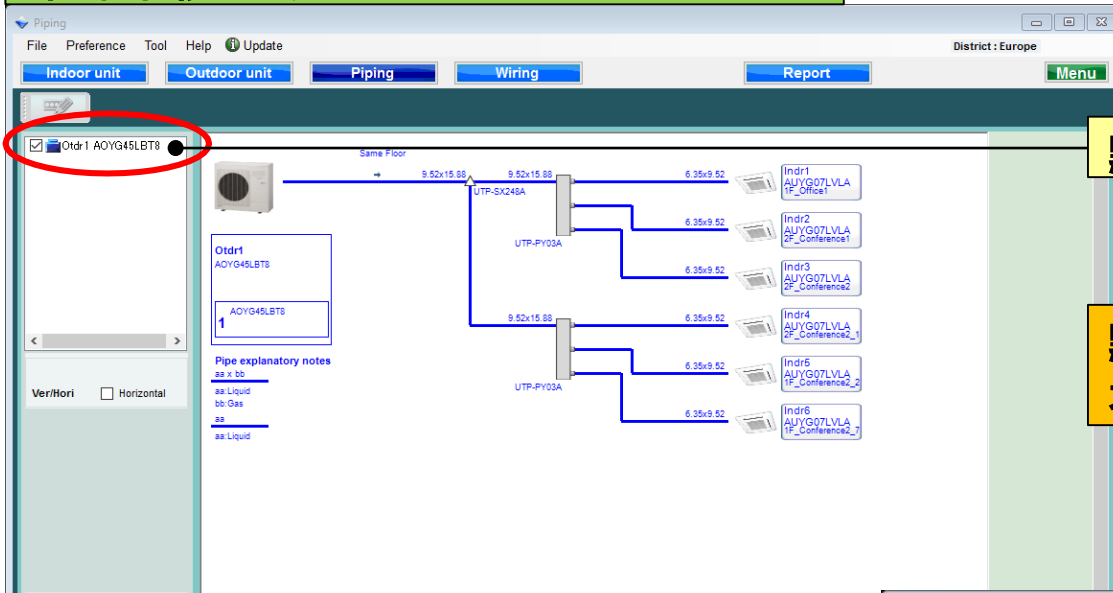
管道連接方法可以改變



修改室內機 (3/3)

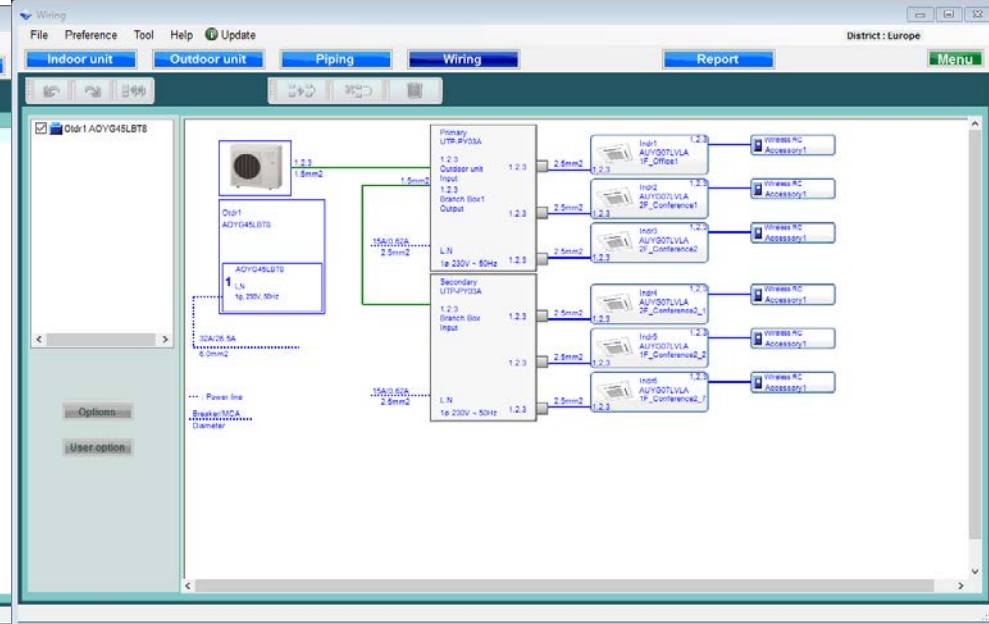
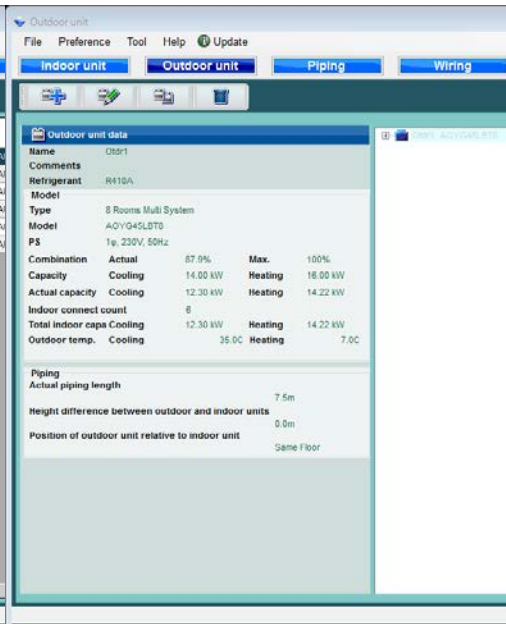
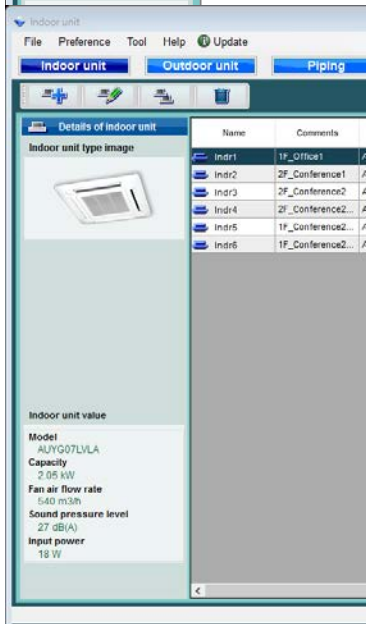


冷媒系統判斷

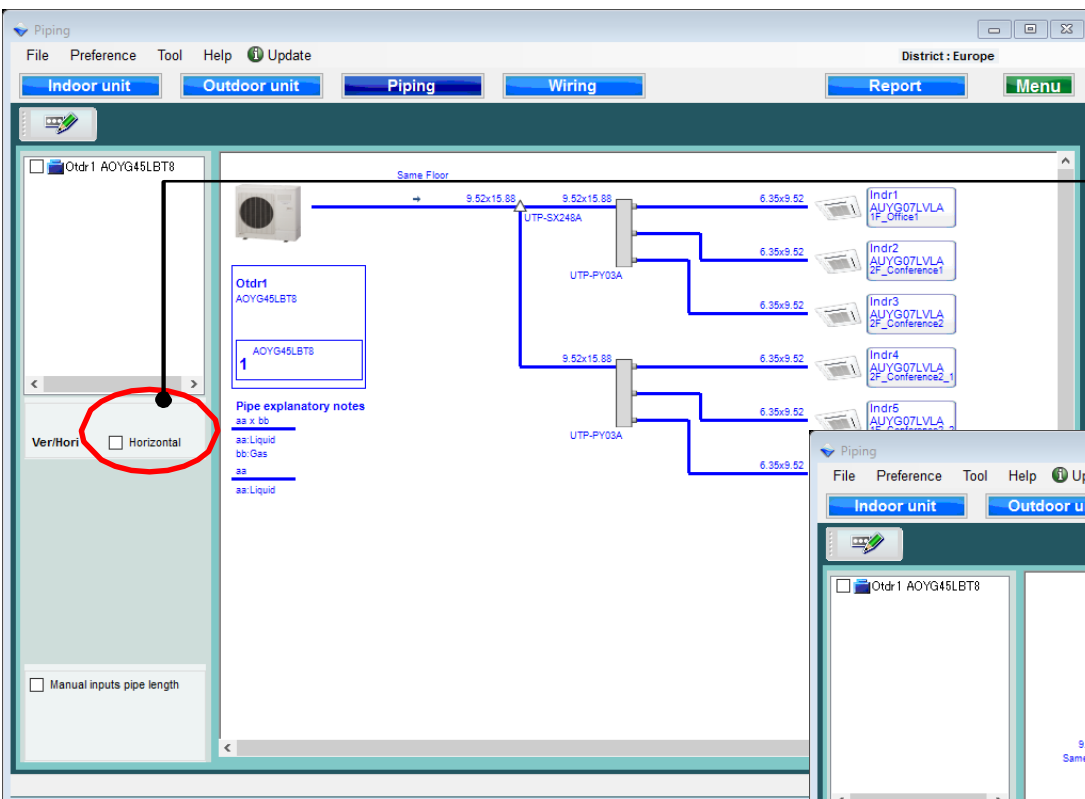


點選冷媒系統

點選冷媒系統
不能在每個螢幕上編輯

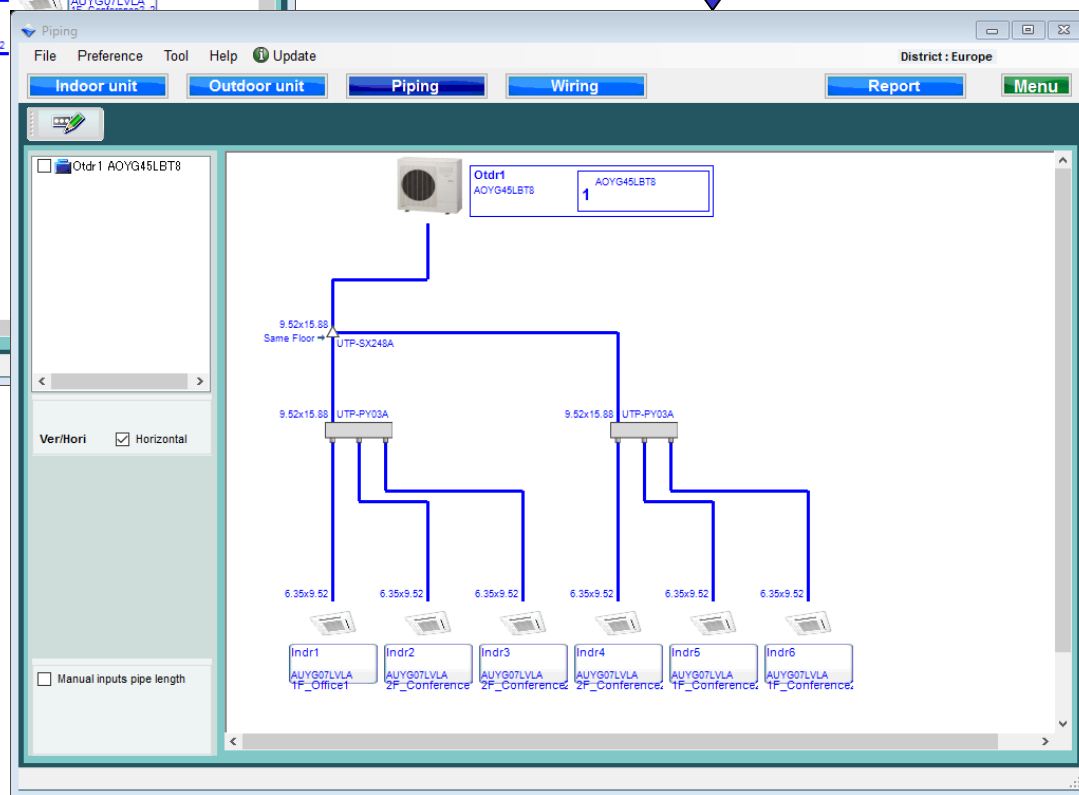


橫向圖



選擇“橫向”

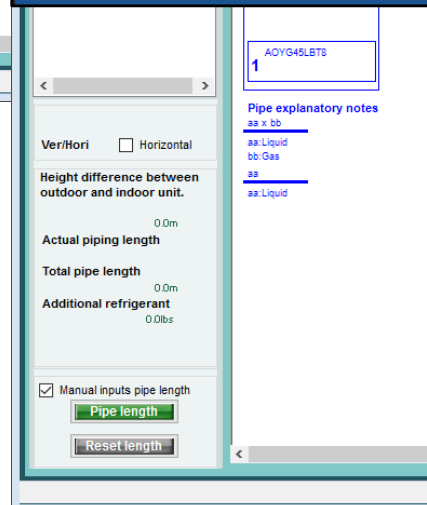
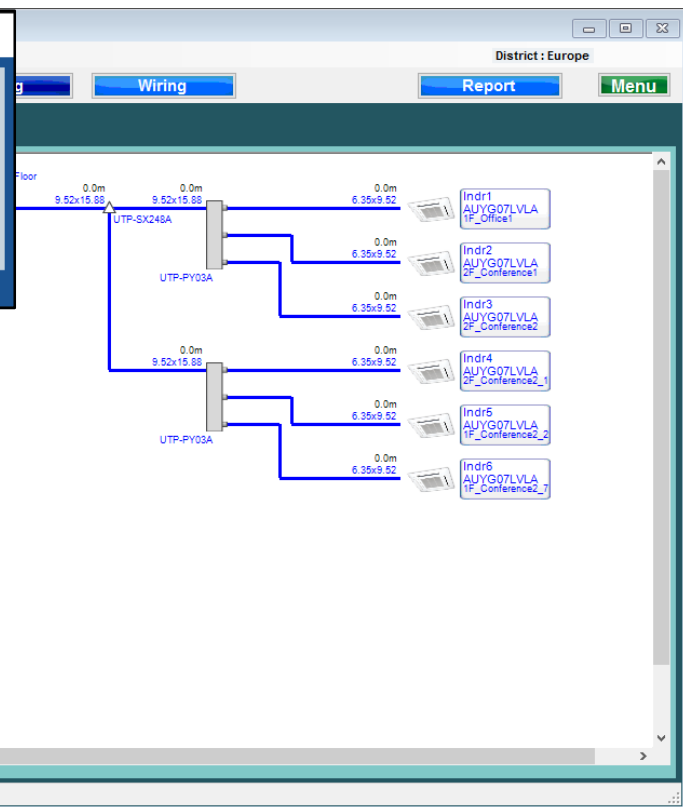
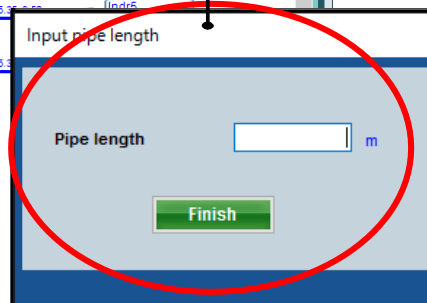
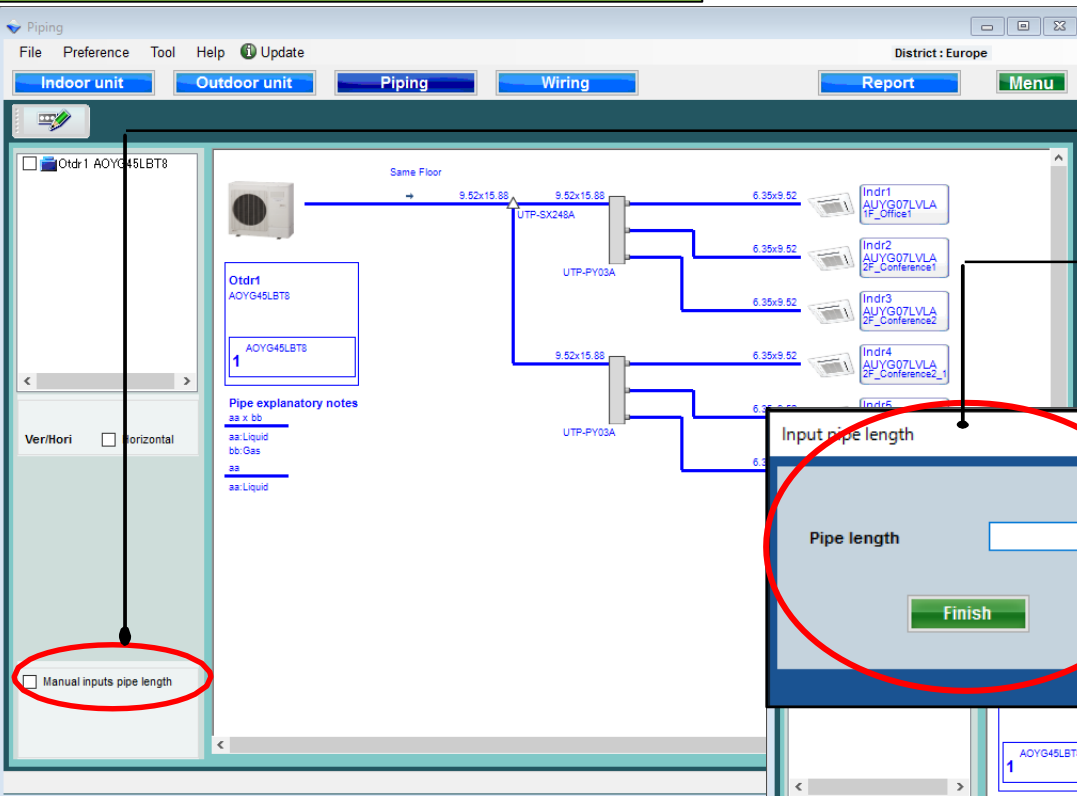
它更改為水平視圖。



手動輸入管道長度 (1/5)

選擇“手動輸入管道長度”

打開管道長度設定視窗



手動輸入管道長度 (3/5)

當信息未輸入或超出限制時，警告提供錯誤信息。

重複，然後選擇“完成”

Input pipe length

Pipe length m

Finish

File Preference Tool Help Update District: Europe

Indoor unit Outdoor unit Piping Wiring Report Menu

Same Floor

25.0m 25.0m 25.0m

9.52x15.88 9.52x15.88 9.52x15.88

UTP-SX248A

Indr1 AUYG07LVLA (F_Office1)

Indr2 AUYG07LVLA (2F_Conference1)

Indr3 AUYG07LVLA (2F_Conference2)

Indr4 AUYG07LVLA (2F_Conference2_1)

Indr5 AUYG07LVLA

5.0m 6.35x9.52

5.0m 6.35x9.52

5.0m 6.35x9.52

5.0m 6.35x9.52

5.0m 6.35x9.52

5.0m 6.35x9.52

5.0m 6.35x9.52

UTP-PY03A

UTP-PY03A

Otdr1 AOYG45LBT8

1 AOYG45LBT8

Pipe explanatory notes

aa x bb

aa: Liquid

bb: Gas

aa

aa: Liquid

VeriHori Horizontal

Height difference between outdoor and indoor unit.

Actual piping length 0.0m

Total pipe length 75.0m

Additional refrigerant 1.05 Om

9.3lbs

None Error message

Manual inputs pipe length

Indr 1 Pipe length between master outdoor unit and the farthest indoor unit must be less than 15.0m.

Indr 1 The pipe length between the branch box and the indoor unit must be less than 15.0m.

Pipe length

Reset length

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

File Preference Tool Help Update

Indoor unit Outdoor unit

Same Floor

5.0m 25.0m 5.0m

9.52x15.88 9.52x15.88 6.35x9.52

UTP-SX248A

UTP-PY03A

Indr1 AUYG07LVLA (F_Office1)

Indr2 AUYG07LVLA (2F_Conference1)

Indr3 AUYG07LVLA (2F_Conference2)

Indr4 AUYG07LVLA (2F_Conference2_1)

Indr5 AUYG07LVLA (2F_Conference2_2)

Indr6 AUYG07LVLA (F_Conference2_1)

5.0m 6.35x9.52

5.0m 6.35x9.52

5.0m 6.35x9.52

5.0m 6.35x9.52

5.0m 6.35x9.52

5.0m 6.35x9.52

UTP-PY03A

Otdr1 AOYG45LBT8

1 AOYG45LBT8

Pipe explanatory notes

aa x bb

aa: Liquid

bb: Gas

aa

aa: Liquid

VeriHori Horizontal

Height difference between outdoor and indoor unit.

Actual piping length 0.0m

Total pipe length 35.0m

Additional refrigerant 65.0m

5.9lbs

Manual inputs pipe length

Pipe length

Reset length

Input pipe length

Pipe length m

Finish

手動輸入管道長度 (4/5)

The screenshot displays the 'Piping' software interface. The main window shows a piping diagram for a system labeled 'Otdr1 AOYG45LBT8'. The diagram includes an outdoor unit, a horizontal pipe labeled 'Same Floor', and two vertical risers labeled 'UTP-PY03A'. From these risers, six indoor units are connected, labeled 'Indr1' through 'Indr6'. Pipe segments are dimensioned with lengths such as 5.0m and 9.52x15.88. The software interface includes a menu bar (File, Preference, Tool, Help, Update), a toolbar, and a control panel on the left. The control panel has a 'Manual inputs pipe length' checkbox checked, with 'Pipe length' and 'Reset length' buttons. Two fields are circled in red: 'Actual piping length' showing 35.0m and 'Additional refrigerant' showing 5.8lbs. A yellow callout box with Chinese text points to these fields.

實際管道長度顯示：已標明和註冊的長度

額外的填充冷媒量自動計算並顯示。

手動輸入管道長度 (5/5)

選擇重置長度

選擇是或否

重置長度

The screenshot shows the 'Piping' software interface. On the left, there is a panel for 'Otdr1 AOYG45LBT8' with a 'Pipe explanatory notes' section. Below this, there are fields for 'Actual piping length' (35.0m), 'Total pipe length' (65.0m), and 'Additional refrigerant' (5.9lbs). A checkbox for 'Manual inputs pipe length' is checked, with 'Pipe length' and 'Reset length' buttons below it. The 'Reset length' button is circled in red. The main area shows a piping diagram with various components like 'UTP-SX248A' and 'UTP-PY03A'. A 'NewVRF' dialog box is open in the center, asking 'Is it reset the all pipe length?' with 'はい(Y)' and 'いいえ(N)' buttons.

This screenshot shows the same piping diagram as the previous one, but with a red border around the entire window. The 'Manual inputs pipe length' checkbox is now unchecked, and the 'Actual piping length', 'Total pipe length', and 'Additional refrigerant' values are all 0.0m. The 'Reset length' button is still visible at the bottom of the panel.

This is a close-up of the 'Manual inputs pipe length' section. It shows the 'Actual piping length' (0.0m), 'Total pipe length' (0.0m), and 'Additional refrigerant' (0.0lbs) fields. The 'Manual inputs pipe length' checkbox is checked, and the 'Pipe length' and 'Reset length' buttons are visible below it.

Piping (Multi system)

Outdoor unit

File Preference Tool Help Update

Outdoor unit **Piping** Wiring

Outdoor unit data

Name	Otdr1
Comments	
Refrigerant	R410A
Model	
Type	2 Rooms Multi System
Model	AOYG14LAC2
PS	1φ, 230V, 50Hz

Capacity	Cooling	4.00 kW	Heating	4.40 kW
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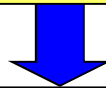
Indoor connect count	2
----------------------	---

Outdoor temp. Cooling	35.0C	Heating	7.0C
Indoor temperat Cooling	27.0C	Heating	20.0C

Piping

Total pipe length	10.0m
-------------------	-------

Select "Piping settings"



Show Piping system diagram

Piping

File Preference Tool Help Update

Outdoor unit **Piping** Wiring Report Menu

Otdr1 AOYG14LAC2

Actual capacity
Cooling / Heating
Otdr1

Unit B → 0.0m 5.0m 6.35x9.52 Indr1 ASYG07LMCA

Unit A → 0.0m 5.0m 6.35x9.52 Indr2 ASYG07LMCA

Otdr1 AOYG14LAC2

Total pipe length	10.0 m (Max:30.0 m)
Additional refrigerant	0.00 kg (Max:0.1 0 kg)
Total Refrigerant	

Refrigerant system decision (Multi system)

File Preference Tool Help Update District: Europe

Outdoor unit Piping Wiring Report Menu

Otdr1 AOYG14LAC2
Otdr2 AOYG14LAC2
Otdr3 AOYG14LAC2

Unit B → 0.0m 5.0m 1/4x3/8 Indr3 ASYG07LMCA
Unit A → 0.0m 5.0m 1/4x3/8 Indr4 ASYG07LMCA

Otdr3 AOYG14LAC2

Total pipe length 10.0 m (8m+2.0 m)
Additional refrigerant 0.00 kg (0m+0.0 kg)
Total Refrigerant

Check the refrigerant system



Checked refrigerant system cannot be edited on each screen

File Preference Tool Help Update District: Europe

Outdoor unit Piping Wiring Report Menu

Otdr1 AOYG14LAC2
Otdr2 AOYG14LAC2
Otdr3 AOYG14LAC2

Unit B 1.2,3 0.16A 2.5mm2
Unit A 1.2,3 0.16A 2.5mm2

Power line 15A/10.32A 2.5mm2

1p, 230V, 50Hz

Outdoor Switch: LMCA Diameter

Indoor ICA Diameter

Options

User option

I accept no remote controller for indoor unit.

File Preference Tool Help Update District: Europe

Outdoor unit Piping Wiring Report Menu

Outdoor unit data

Name Otdr1
Comments
Refrigerant R410A
Model
Type 2 Rooms Multi System
Model AOYG14LAC2
PS 1p, 230V, 50Hz

Capacity Cooling 4.00 kW Heating 4.40 kW

Indoor connect count 2
Outdoor temp. Cooling 35.0C Heating 7.0C
Indoor temp. Cooling 27.0C Heating 26.0C

Piping
Total pipe length 10.0m

Otdr1 AOYG14LAC2
Indr1 ASYG07LMCA
Indr2 ASYG07LMCA
Indr3 ASYG07LMCA
Indr4 ASYG07LMCA

Actual capacity
Cooling / Heating
Otdr1 AOYG14LAC2
 Indr1 ASYG07LMCA
TC -- kW
SC -- kW
HC -- kW
 Indr2 ASYG07LMCA
TC -- kW
SC -- kW
HC -- kW

Check capacity

Piping (Simultaneous multi system)

Outdoor unit

File Preference Tool Help Update

Outdoor unit Piping Wiring

Outdoor unit data

Name Otdr1

Comments

Refrigerant R410A

Model

Type Simultaneous multi 3 phase Triple type

Model AOYG54LATT

PS 3N, 400V, 50Hz

Capacity Cooling 14.00 kW Heating 16.00 kW

Indoor connect count 3

Outdoor temp. Cooling 35.0C Heating 7.0C

Indoor temperat Cooling 27.0C Heating 20.0C

Piping

Total pipe length 75.0m

Otdr1 AOYG54LATT

Actual capacity

Cooling / Heating

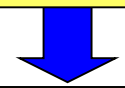
Otdr1 AOYG

Indr1

TC

SC 2.73 kW

Select "Piping settings"



Show Piping system diagram

Piping

File Preference Tool Help Update

District : Europe

Outdoor unit Piping Wiring Report Menu

Otdr1 AOYG54LATT

Indr1 AUYG18LVLB

Indr2 AUYG18LVLB

Indr3 AUYG18LVLB

30.0m 9.52x15.88 UTP-SX354

10.0m 15.0m 6.35x12.70

10.0m 15.0m 6.35x12.70

10.0m 15.0m 6.35x12.70

Total pipe length 75.0 m (Max:75.0 m)

Additional refrigerant 1.35 kg (Max:2.25 kg)

Total Refrigerant

Orurowanie (system Multi)

Naciśnij „Orurowanie”

Wyświetlony zostanie schemat instalacji chłodniczej

Outdoor unit data

Name	Otdr1
Comments	
Refrigerant	R410A
Model	
Type	2 Rooms Multi System
Model	AOYG14LAC2
PS	1φ, 230V, 50Hz

Capacity

Cooling	4.00 kW	Heating	4.40 kW
---------	---------	---------	---------

Indoor connect count 2

Outdoor temp. Cooling	35.0C	Heating	7.0C
Indoor temperat. Cooling	27.0C	Heating	20.0C

Piping

Total pipe length	10.0m
-------------------	-------

Piping

Unit B → 0.0m 5.0m 6.35x9.52 Indr1 ASYG07LMCA

Unit A → 0.0m 5.0m 6.35x9.52 Indr2 ASYG07LMCA

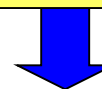
Total pipe length 10.0 m (Max:30.0 m)

Additional refrigerant 0.00 kg (Max:0.10 kg)

Total Refrigerant

Wybór układu chłodniczego (system Multi)

Zaznacz układ chłodniczy



Zaznaczony układ chłodniczy nie może być edytowany na każdym ekranie

Outdoor unit

Unit B → 0.0m → 5.0m 1/4x3/8 → Indr3 ASYG07LMCA

Unit A → 0.0m → 5.0m 1/4x3/8 → Indr4 ASYG07LMCA

Otdr3 AOYG14LAC2

Total pipe length: 10.0 m (8m+2.0 m)

Additional refrigerant: 0.00 kg (0m+0.0 kg)

Total Refrigerant

Wiring

Otdr3 AOYG14LAC2

Unit B 1.2,3 0.16A 2.5mm2 1.2,3

Unit A 1.2,3 0.16A 2.5mm2 1.2,3

LN 15A/10.32A 2.5mm2

Power line

Outdoor: Switch: MCA, Diameter: ...

Indoor: MCA, Diameter: ...

Options

User option

I accept no remote controller for indoor unit.

Outdoor unit data

Name: Otdr1

Comments: ...

Refrigerant: R410A

Model: AOYG14LAC2

Type: 2 Rooms Multi System

PS: 1p, 230V, 50Hz

Capacity: Cooling 4.00 kW, Heating 4.40 kW

Indoor connect count: 2

Outdoor temp. Cooling: 35.0C, Heating: 7.0C

Indoor temp. Cooling: 27.0C, Heating: 26.0C

Piping: Total pipe length: 10.0m

Actual capacity

Cooling / Heating	
Otdr1 AOYG14LAC2	
<input checked="" type="checkbox"/> Indr1 ASYG07LMCA	TC -- kW
SC -- kW	HC -- kW
<input checked="" type="checkbox"/> Indr2 ASYG07LMCA	TC -- kW
SC -- kW	HC -- kW

Check capacity

Orurowanie (system Multi symultaniczny)

Outdoor unit

File Preference Tool Help Update

Outdoor unit Piping Wiring Rep

Outdoor unit data

Name Otdr1

Comments

Refrigerant R410A

Model

Type Simultaneous multi 3 phase Triple type

Model AOYG54LATT

PS 3N, 400V, 50Hz

Capacity Cooling 14.00 kW Heating 16.00 kW

Indoor connect count 3

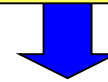
Outdoor temp. Cooling 35.0C Heating 7.0C

Indoor temperat Cooling 27.0C Heating 20.0C

Piping

Total pipe length 75.0m

Naciśnij „Orurowanie”



Wyświetlony zostanie schemat instalacji chłodniczej

Piping

File Preference Tool Help Update

District : Europe

Outdoor unit Piping Wiring Report Menu

Otdr1 AOYG54LATT

Actual capacity

Cooling / Heating

Otdr1 AOYG

Indr1

TC

SC

30.0m
9.52x15.88
UTP-SX354

10.0m
15.0m
6.35x12.70

Indr1
AUYG18LVLB

10.0m
15.0m
6.35x12.70

Indr2
AUYG18LVLB

10.0m
15.0m
6.35x12.70

Indr3
AUYG18LVLB

Otdr1
AOYG54LATT

Total pipe length
75.0 m (Max:75.0 m)

Additional refrigerant
1.35 kg (Max:2.25 kg)

Total Refrigerant

Borulama (Multi sistem)

The image displays two overlapping windows from a software application. The top window is titled 'Outdoor unit' and has a menu bar with 'File', 'Preference', 'Tool', 'Help', and 'Update'. Below the menu bar are three buttons: 'Outdoor unit', 'Piping', and 'Wiring'. The 'Piping' button is circled in red. A yellow callout box with a blue arrow points to this button, containing the text '“Borulama ayarları” seç'. Below the buttons is a toolbar with icons for adding, deleting, and saving. The main area of this window is titled 'Outdoor unit data' and contains the following information:

Name	Otdr1
Comments	
Refrigerant	R410A
Model	
Type	2 Rooms Multi System
Model	AOYG14LAC2
PS	1ø, 230V, 50Hz
Capacity	Cooling 4.00 kW Heating 4.40 kW
Indoor connect count	2
Outdoor temp. Cooling	35.0C Heating 7.0C
Indoor temperatü Cooling	27.0C Heating 20.0C
Piping	
Total pipe length	10.0m

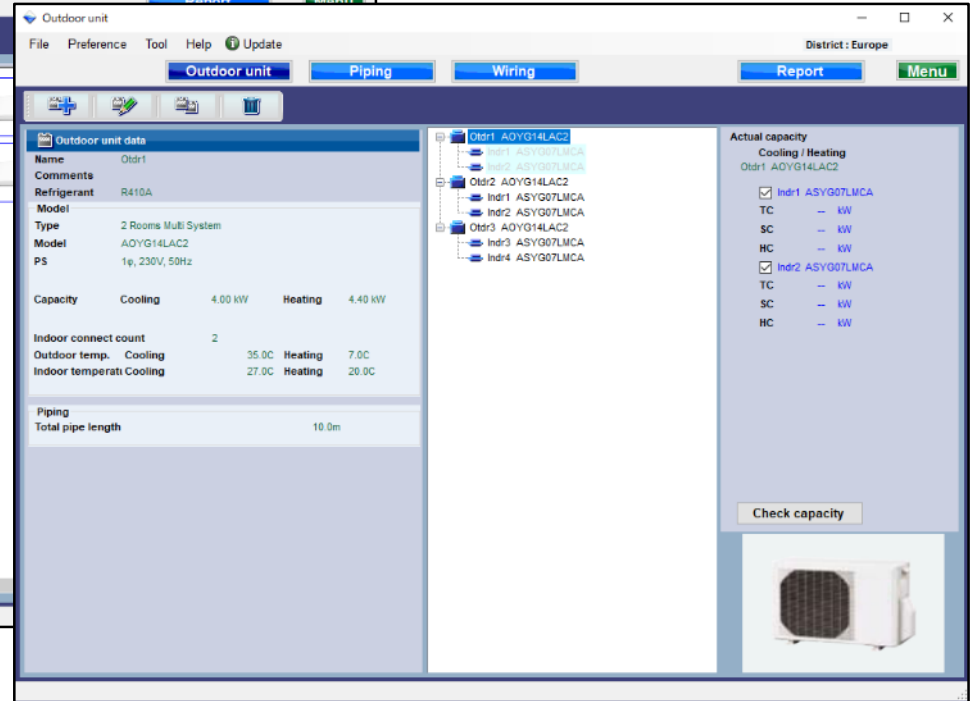
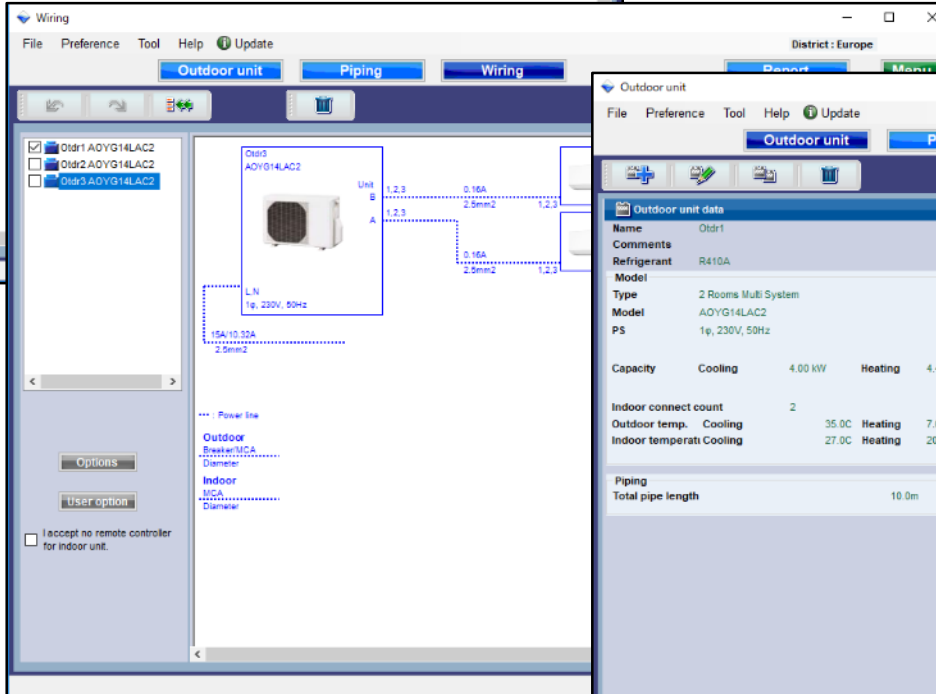
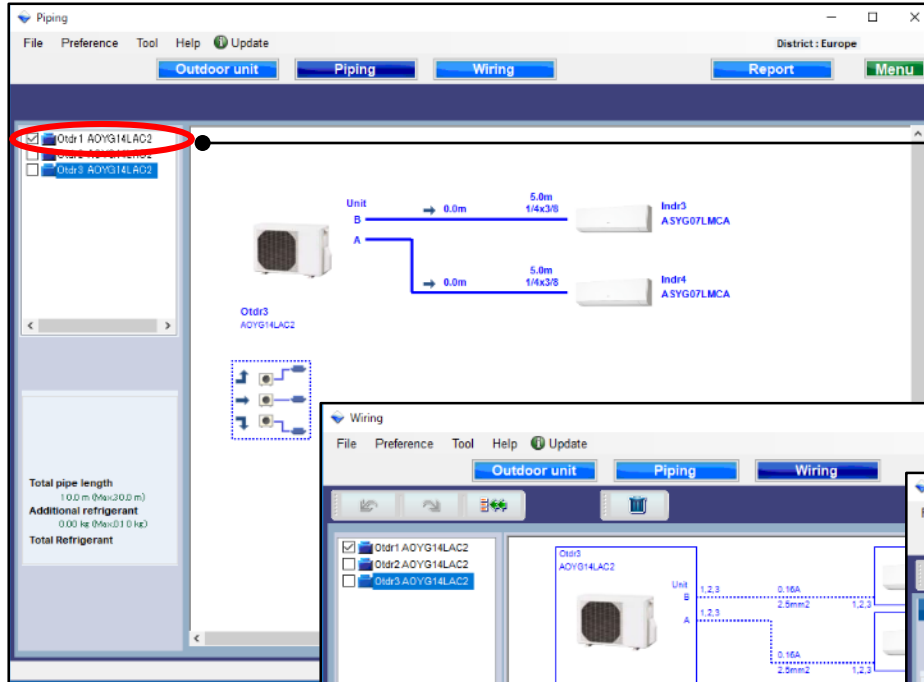
The bottom window is titled 'Piping' and has a menu bar with 'File', 'Preference', 'Tool', 'Help', and 'Update'. Below the menu bar are four buttons: 'Outdoor unit', 'Piping', 'Wiring', and 'Report'. The 'Piping' button is highlighted in blue. A yellow callout box with a blue arrow points to this button, containing the text 'Boru sistemi şemasını göster'. Below the buttons is a toolbar with icons for adding, deleting, and saving. The main area of this window is titled 'Piping' and contains a diagram of the piping system. The diagram shows an outdoor unit 'Otdr1 Aoyg14Lac2' connected to two indoor units 'Indr1 ASYG07LMCA' and 'Indr2 ASYG07LMCA'. The piping is shown as blue lines with arrows indicating flow direction. The distance from the outdoor unit to each indoor unit is 5.0m, and the total pipe length is 10.0m. The diagram also shows the 'Actual capacity' for 'Cooling / Heating' as 4.00 kW for cooling and 4.40 kW for heating. A legend at the bottom left of the diagram shows the symbols for the outdoor unit and indoor units. A summary table at the bottom of the window provides the following information:

Total pipe length	10.0 m (Max:30.0 m)
Additional refrigerant	0.00 kg (Max:0.1 0 kg)
Total Refrigerant	

Soğutucu akışkan sistemi kararı (Multi sistem)

Soğutucu sistemi kontrol edin

Kontrol edilen soğutucu akışkan sistemi her ekranda düzenlenemez



Borulama (Eş zamanlı multi sistem)

Outdoor unit

File Preference Tool Help Update

Outdoor unit Piping Wiring

Outdoor unit data

Name Otdr1

Comments

Refrigerant R410A

Model AOYG54LATT

Type Simultaneous multi 3 phase Triple type

Model AOYG54LATT

PS 3N, 400V, 50Hz

Capacity Cooling 14.00 kW Heating 16.00 kW

Indoor connect count 3

Outdoor temp. Cooling 35.0C Heating 7.0C

Indoor temperature Cooling 27.0C Heating 20.0C

Piping

Total pipe length 75.0m

Otdr1 AOYG54LATT

Actual capacity

Cooling / Heating

Otdr1 AOYG54LATT

Indr1

TC

SC 2.73 kW

“Borulama ayarları” seç

Boru sistemi şemasını göster

Piping

File Preference Tool Help Update

District : Europe

Outdoor unit Piping Wiring Report Menu

Otdr1 AOYG54LATT

Indr1 AUYG18LVLB

Indr2 AUYG18LVLB

Indr3 AUYG18LVLB

30.0m 9.52x15.88 UTP-SX354

10.0m 6.35x12.70

15.0m 6.35x12.70

10.0m 6.35x12.70

15.0m 6.35x12.70

Otdr1 AOYG54LATT

Total pipe length 75.0 m (Max:75.0 m)

Additional refrigerant 1.35 kg (Max:2.25 kg)

Total Refrigerant

“Borulama ayarları” seç

Boru sistemi şemasını göster

Cevovod (Multi system)

The image shows a software interface for configuring a multi-system piping system. The main window is titled "Outdoor unit" and has a menu bar with "File", "Preference", "Tool", "Help", and "Update". Below the menu bar are three tabs: "Outdoor unit", "Piping", and "Wiring". The "Piping" tab is selected and circled in red. A yellow callout box with a blue arrow points to this tab, containing the text "Izaberite 'podešavanje cevovoda'".

On the left side of the "Outdoor unit" window, there is a "Outdoor unit data" panel. It contains the following information:

- Name: Otdr1
- Comments: R410A
- Refrigerant: R410A
- Model: AOYG14LAC2
- Type: 2 Rooms Multi System
- PS: 1φ, 230V, 50Hz
- Capacity: Cooling 4.00 kW, Heating 4.40 kW
- Indoor connect count: 2
- Outdoor temp. Cooling: 35.0C, Heating: 7.0C
- Indoor temperat. Cooling: 27.0C, Heating: 20.0C
- Piping: Total pipe length 10.0m

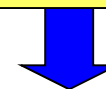
Below the "Outdoor unit" window, a "Piping" window is open. It has a menu bar with "File", "Preference", "Tool", "Help", and "Update". Below the menu bar are tabs for "Outdoor unit", "Piping", "Wiring", and "Report". The "Piping" tab is selected. A yellow callout box with a blue arrow points to this window, containing the text "Pokrenite dijagram za sistem cevovoda".

The "Piping" window displays a piping diagram. On the left, there is an outdoor unit icon labeled "Otdr1 AOYG14LAC2". Two lines, labeled "Unit B" and "Unit A", extend from the outdoor unit to two indoor units on the right, labeled "Indr1 ASYG07LMCA" and "Indr2 ASYG07LMCA". The diagram shows a 90-degree elbow for Unit A. Pipe lengths are indicated as 0.0m for the short segments and 5.0m for the long segments. Pipe specifications are given as 6.35x9.52. Below the diagram, there is a legend for the outdoor unit and a summary of piping data:

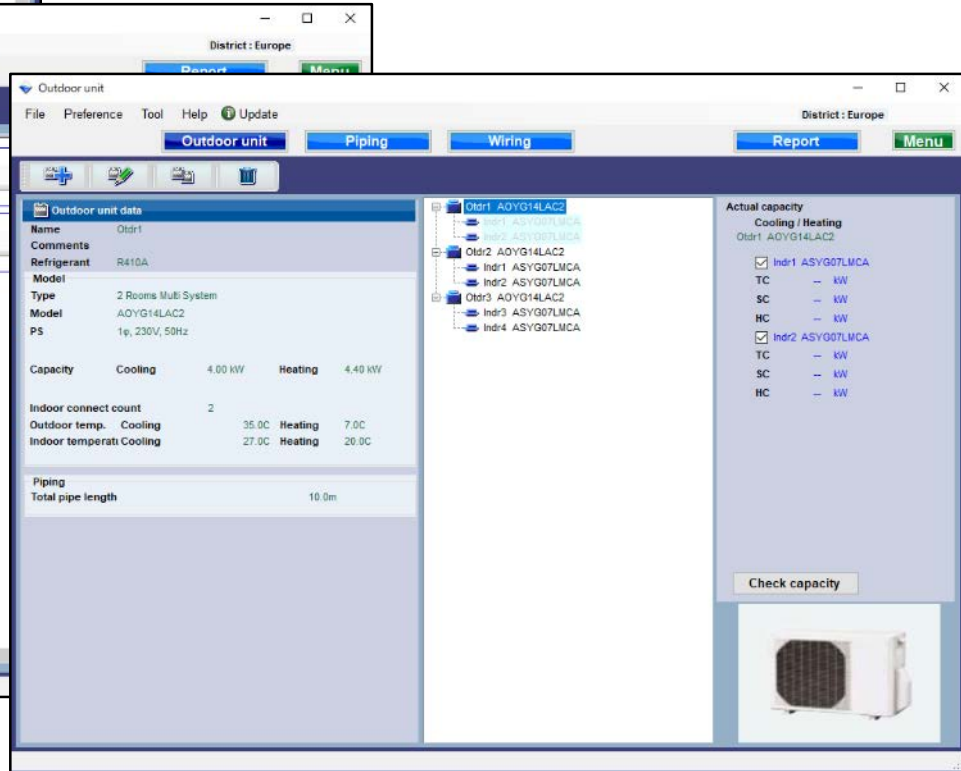
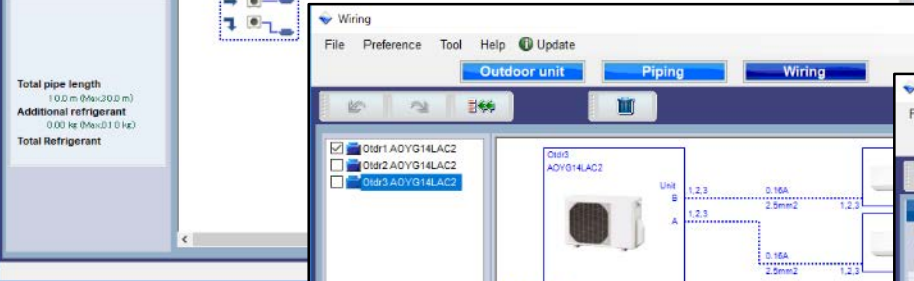
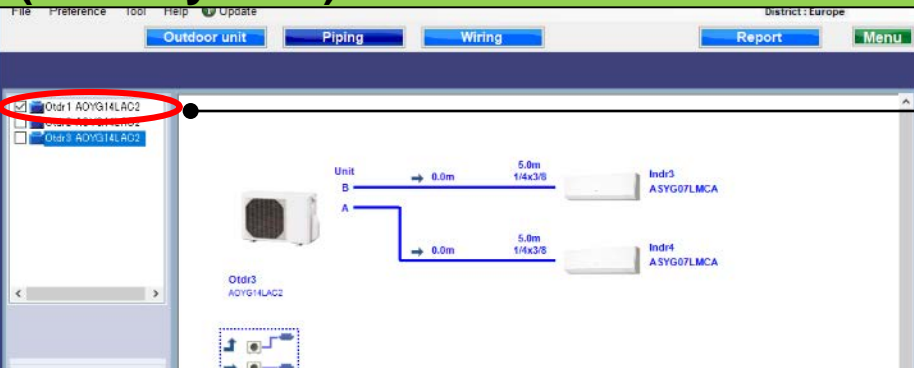
- Total pipe length: 10.0 m (Max:30.0 m)
- Additional refrigerant: 0.00 kg (Max:0.10 kg)
- Total Refrigerant: (value not fully visible)

Sistem za određivanje rashladnog fluida sistema (Multi system)

Određivanje rashladnog sistema



Izbor rashladnog sistema se ne može menjati na svakom ekranu.



Cevovod (Simultaneous multi system)

Određivanje “rashladnog sistema”

Izbor rashladnog sistema se ne može menjati na svakom ekranu

Outdoor unit data

Name	Otdr1			
Comments				
Refrigerant	R410A			
Model				
Type	Simultaneous multi 3 phase Triple type			
Model	AOYG54LATT			
PS	3N, 400V, 50Hz			
Capacity	Cooling	14.00 kW	Heating	16.00 kW
Indoor connect count	3			
Outdoor temp.	Cooling	35.0C	Heating	7.0C
Indoor temperat	Cooling	27.0C	Heating	20.0C
Piping				
Total pipe length	75.0m			

Piping

District : Europe

Outdoor unit | Piping | Wiring | Report | Menu

Total pipe length
75.0 m (Max:75.0 m)

Additional refrigerant
1.35 kg (Max:2.25 kg)

Total Refrigerant

Тръбно трасе Мулти сплит

Outdoor unit data

Name	Otdr1
Comments	
Refrigerant	R410A
Model	
Type	2 Rooms Multi System
Model	AOYG14LAC2
PS	1φ, 230V, 50Hz
Capacity	Cooling 4.00 kW Heating 4.40 kW
Indoor connect count	2
Outdoor temp. Cooling	35.0C Heating 7.0C
Indoor temperat Cooling	27.0C Heating 20.0C
Piping	
Total pipe length	10.0m

Piping

File Preference Tool Help Update

Outdoor unit Piping Wiring

Unit B → 0.0m 5.0m 6.35x9.52 **Indr1 ASYG07LMCA**

Unit A → 0.0m 5.0m 6.35x9.52 **Indr2 ASYG07LMCA**

Otdr1 AOYG14LAC2

Total pipe length
10.0 m (Max:30.0 m)

Additional refrigerant
0.00 kg (Max:0.10 kg)

Total Refrigerant

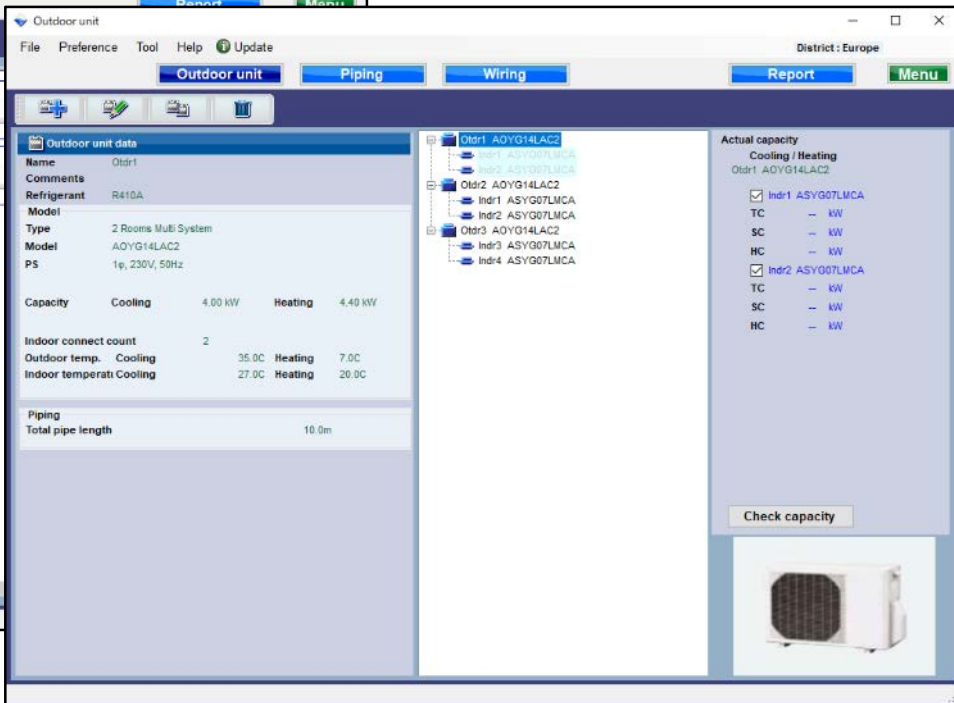
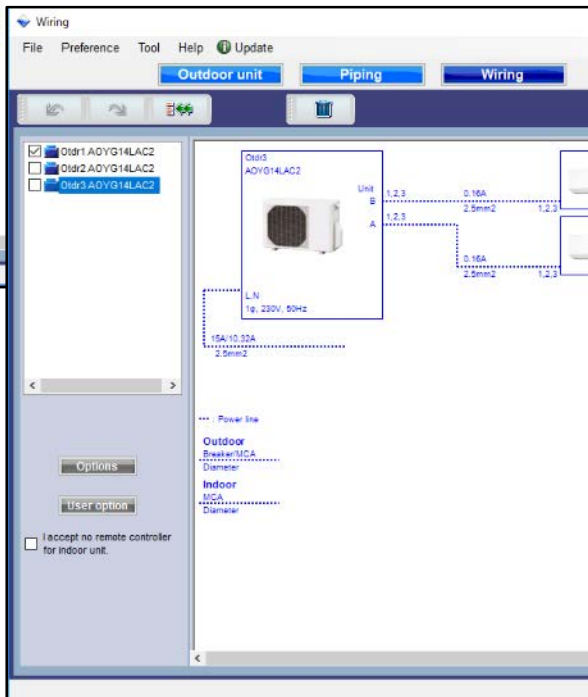
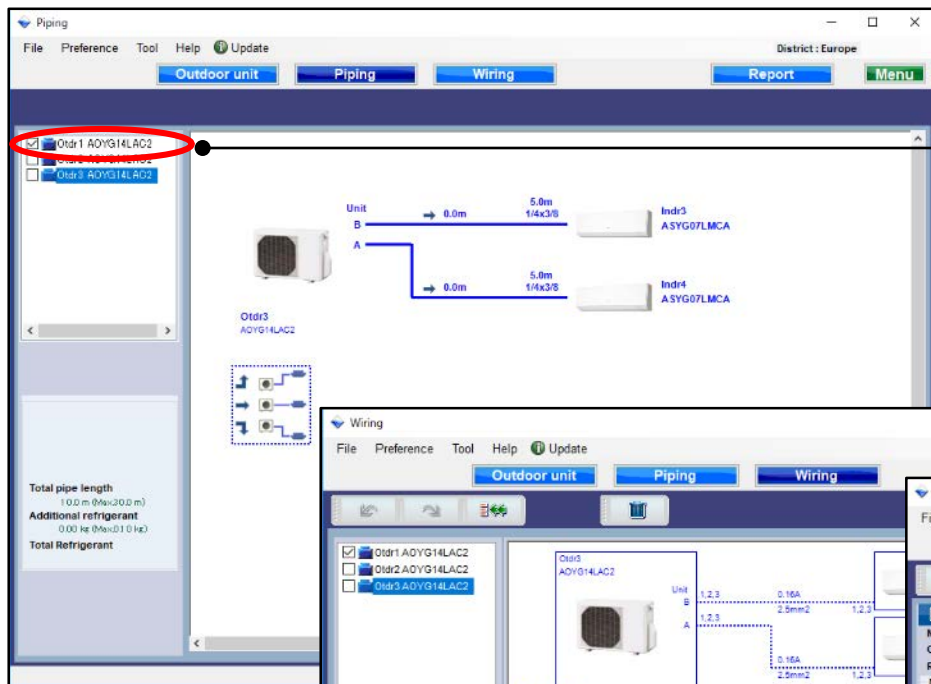
Изберете "Тръбно трасе"

Показва схема на тръбното трасе

Изчисляване на хладилната система (Мулти сплит)

Маркирайте хладилната система

Маркирана хладилна система не може да се променя във всеки модул



管線 (一對多系統)

The image shows a software interface for configuring a piping system. The main window is titled "Outdoor unit" and has a menu bar with "File", "Preference", "Tool", "Help", and "Update". Below the menu bar are three buttons: "Outdoor unit", "Piping", and "Wiring". The "Piping" button is circled in red. A yellow callout box with a blue arrow points to this button, containing the text "選擇“管線設定”".

Below the buttons is a toolbar with icons for adding, editing, deleting, and saving. To the left is a panel titled "Outdoor unit data" with the following information:

Name	Otdr1
Comments	
Refrigerant	R410A
Model	
Type	2 Rooms Multi System
Model	AOYG14LAC2
PS	1φ, 230V, 50Hz
Capacity	Cooling 4.00 kW Heating 4.40 kW
Indoor connect count	2
Outdoor temp. Cooling	35.0C Heating 7.0C
Indoor temperat Cooling	27.0C Heating 20.0C
Piping	
Total pipe length	10.0m

To the right is a panel titled "Actual capacity" with "Cooling / Heating" and "Otdr1".

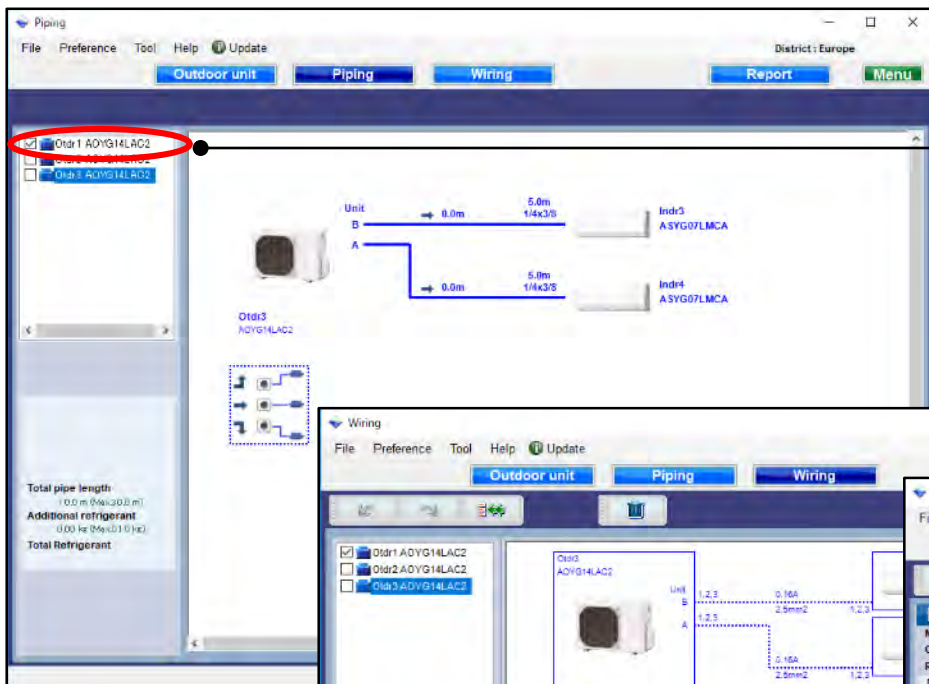
A second window titled "Piping" is overlaid on the main window. It has a menu bar with "File", "Preference", "Tool", "Help", and "Update". Below the menu bar are four buttons: "Outdoor unit", "Piping", "Wiring", and "Report". The "Piping" button is highlighted. A yellow callout box with a blue arrow points to this button, containing the text "顯示管道系統圖".

The "Piping" window shows a diagram of the piping system. On the left is an outdoor unit labeled "Otdr1 AOYG14LAC2". Two lines, labeled "Unit B" and "Unit A", connect the outdoor unit to two indoor units on the right, labeled "Indr1 ASYG07LMCA" and "Indr2 ASYG07LMCA". The lines are labeled with "0.0m" and "5.0m 6.35x9.52".

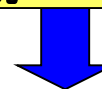
Below the diagram is a legend for the outdoor unit and a small diagram showing the connection points. At the bottom left of the "Piping" window, there is a summary of the piping data:

Total pipe length	10.0 m (Max:30.0 m)
Additional refrigerant	0.00 kg (Max:0.10 kg)
Total Refrigerant	

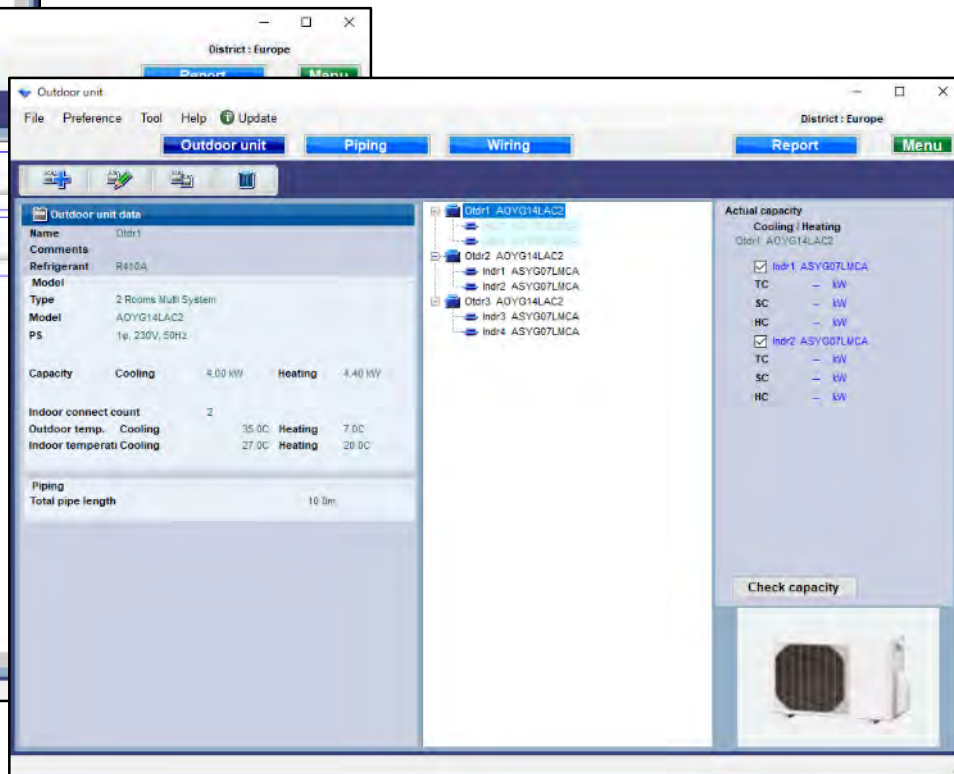
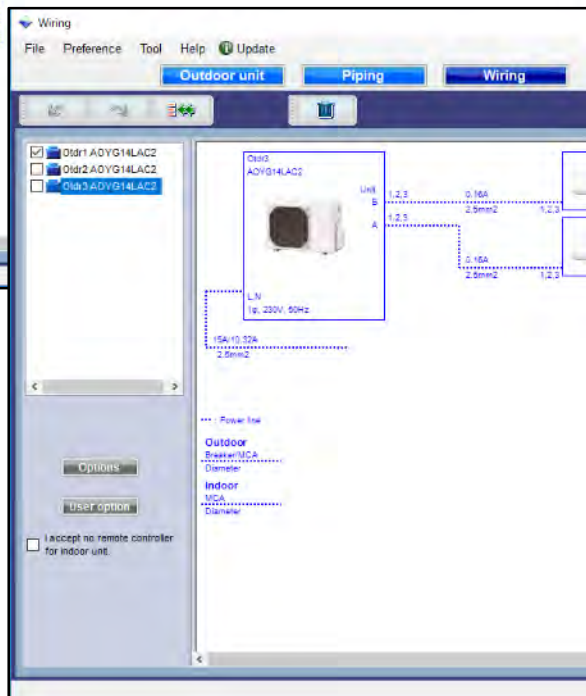
冷媒系統的決定(一對多系統)



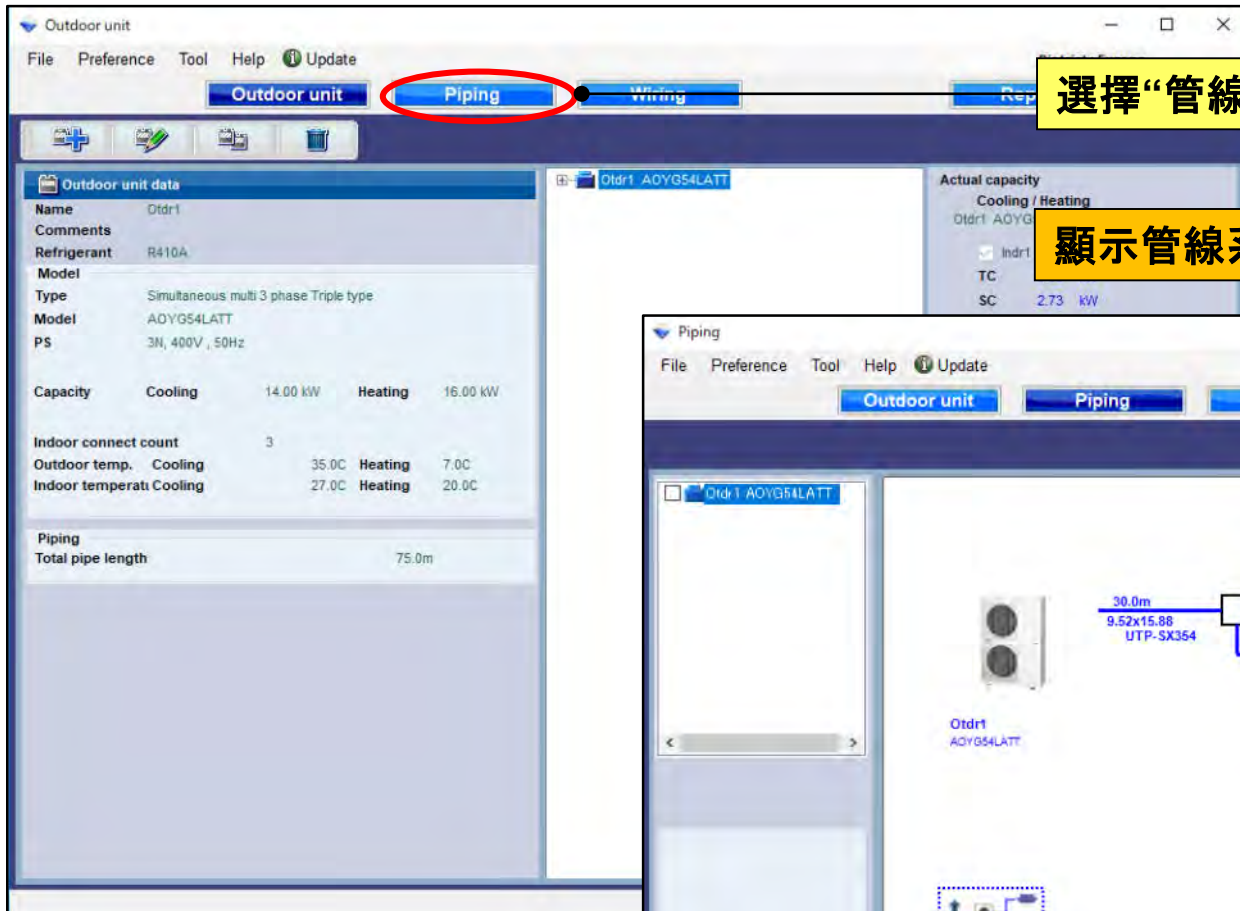
點選冷媒系統



點選冷媒系統
不能在每個螢幕上編輯

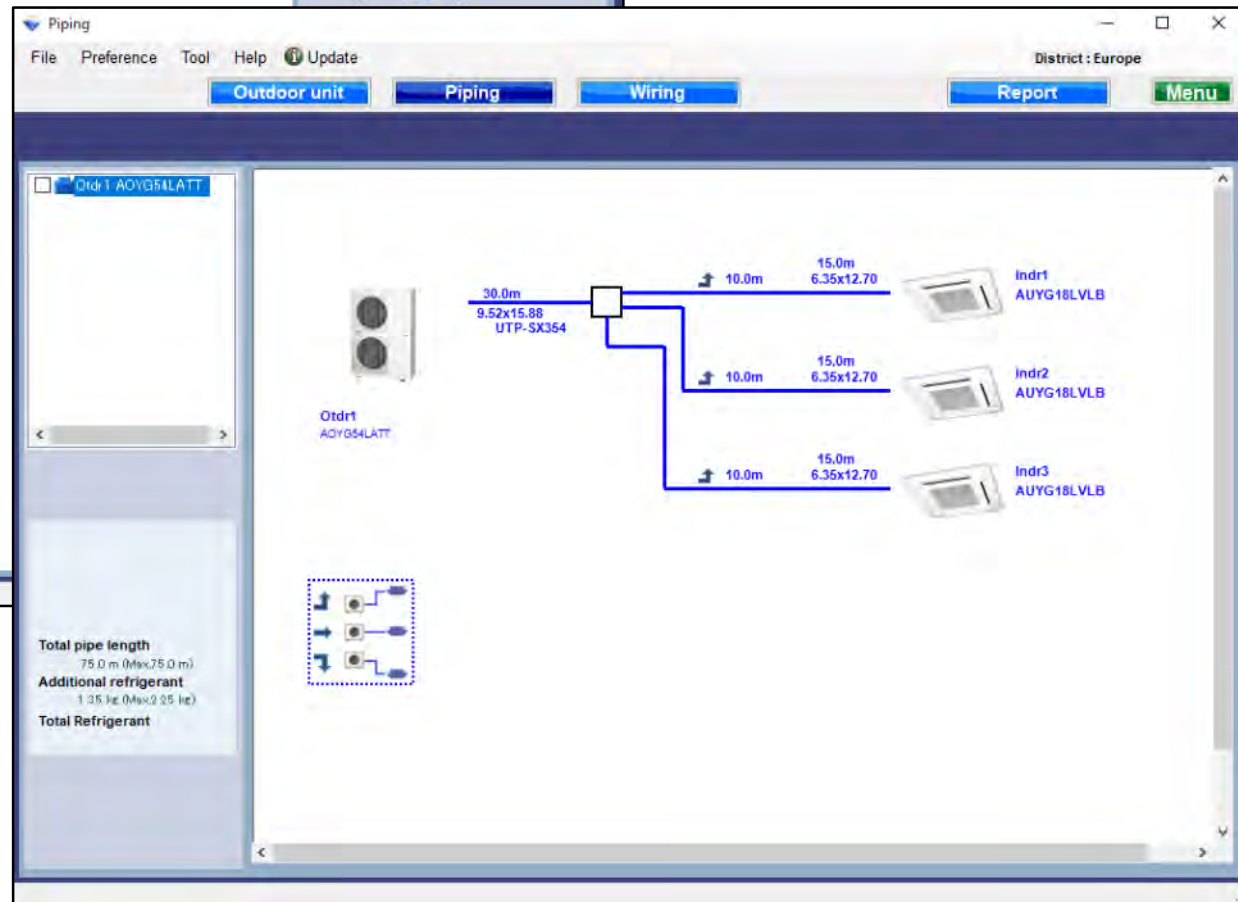


管線(多組-多聯系統)



選擇“管線設定”

顯示管線系統圖



Piping settings

Design Simulator

Outdoor unit data

Name: Otdr1

Comments:

Refrigerant: R410A

Model: VR-I Heat Recovery space saving combination

Type: AJY144GALH

PS: 3N, 400V, 50Hz

Combination	Actual	94.4%	Max.	100%
Capacity	Cooling	45.0 kW	Heating	50.0 kW
Actual capacity	Cooling	42.5 kW	Heating	47.5 kW
Indoor connect count		10		
Total indoor capa	Cooling	42.5 kW	Heating	47.5 kW
Outdoor temp.	Cooling	35.0C	Heating	7.0C

Piping

Actual piping length: 7.5m

Height difference between outdoor and indoor units: 0.0m

Position of outdoor unit relative to indoor unit: Same Floor

Capacity	TC	SC	HC
Required	7.0	5.0	0.0
Actual	7.1	5.0	8.0

Select "Piping"

Piping system diagram creation

Piping

Same Floor

Otdr1 AJY144GALH

Indr1 AUXB09GALH (F_Office1)

Indr2 ARXD04GALH (F_Conference1)

Indr3 ABYA24GATH (F_Conference2)

Indr4 AUXB14GALH (F_Office2_1)

Indr5 AUXB14GALH (F_Office2_2)

Indr6 AUXB14GALH (F_Office2_3)

Indr7 AUXB14GALH (F_Office2_4)

Indr8 AUXB14GALH (F_Office2_5)

Indr9 AUXB14GALH (F_Office2_6)

Indr10 AUXB14GALH (F_Office2_7)

Pipe explanatory notes

aa x bb x cc

aa: Liquid

bb: Discharge gas

cc: Suction gas

aa x bb

aa: Liquid

bb: Gas

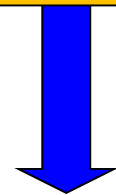
Manual inputs pipe length

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

For Heat Recovery

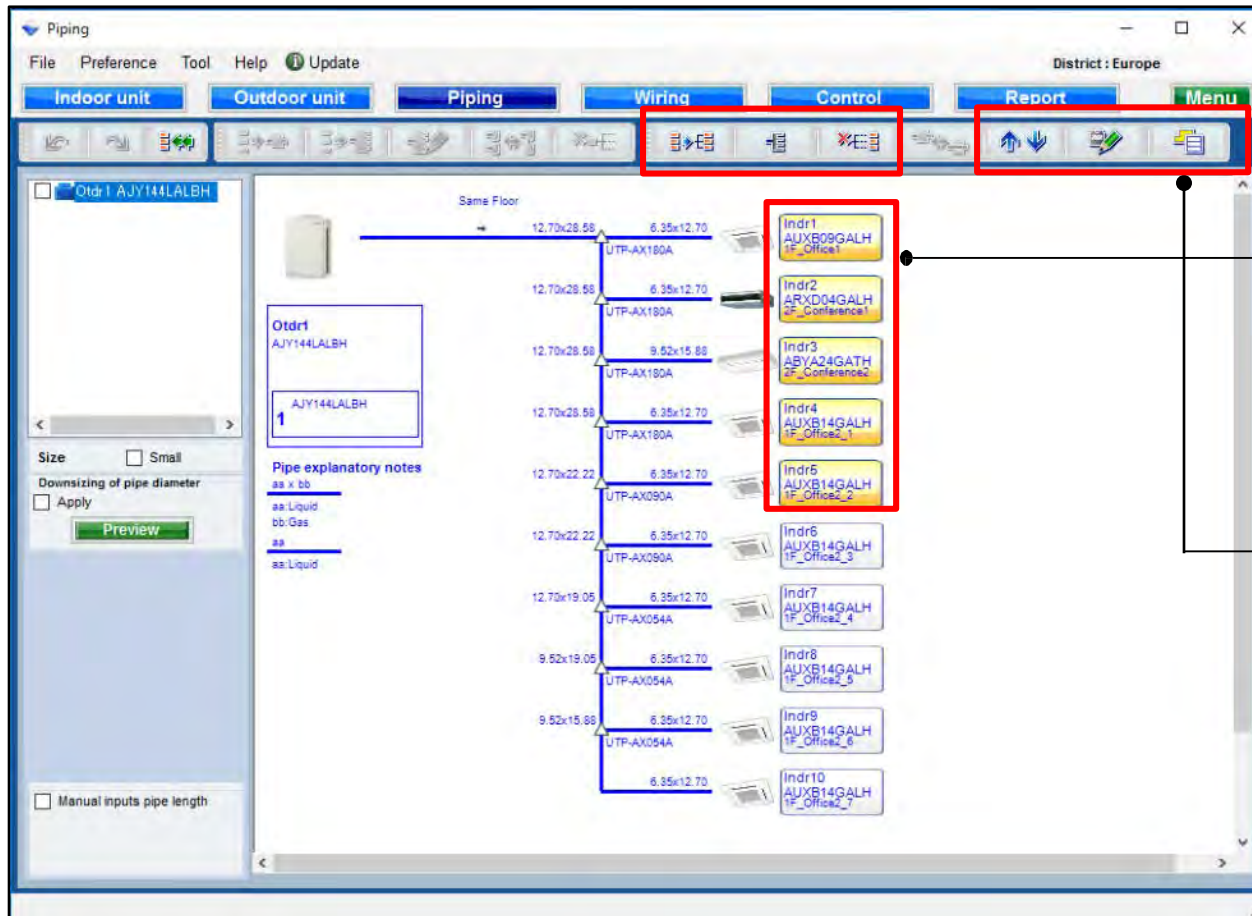
The screenshot shows the 'Piping' software interface. The top menu bar includes 'File', 'Preference', 'Tool', 'Help', and 'Update'. Below the menu is a toolbar with various icons. The main window displays a piping diagram for 'District : Europe' on 'Same Floor'. The diagram shows a vertical riser with ten horizontal branches, each connected to an indoor unit (Indr1 to Indr10). The indoor units are labeled with model numbers like 'AUXB09GALH' and 'AUXB14GALH'. A red box highlights the 'RB Unit' buttons for each indoor unit. The left sidebar shows the 'Otdr1' unit 'AJY144GALH' and 'Pipe explanatory notes'.

For Heat Recovery, select RB Unit.

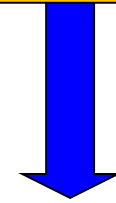


Press each button to edit.

For Heat Pump



For Heat pump, select indoor unit.

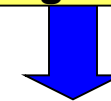


Press each button to edit. For Heat pump, functions are limited.

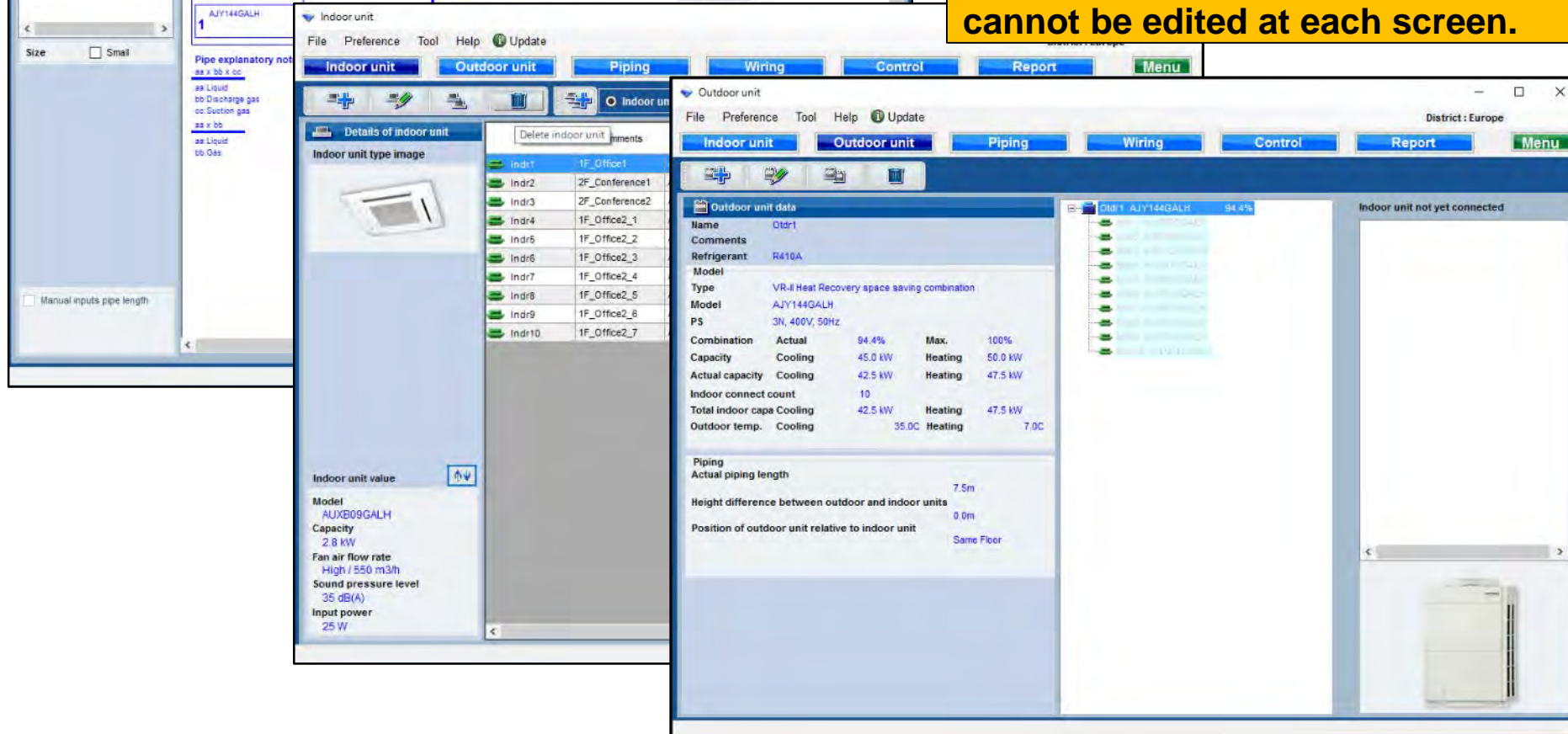
Refrigerant system confirmation function



Check the refrigerant system.



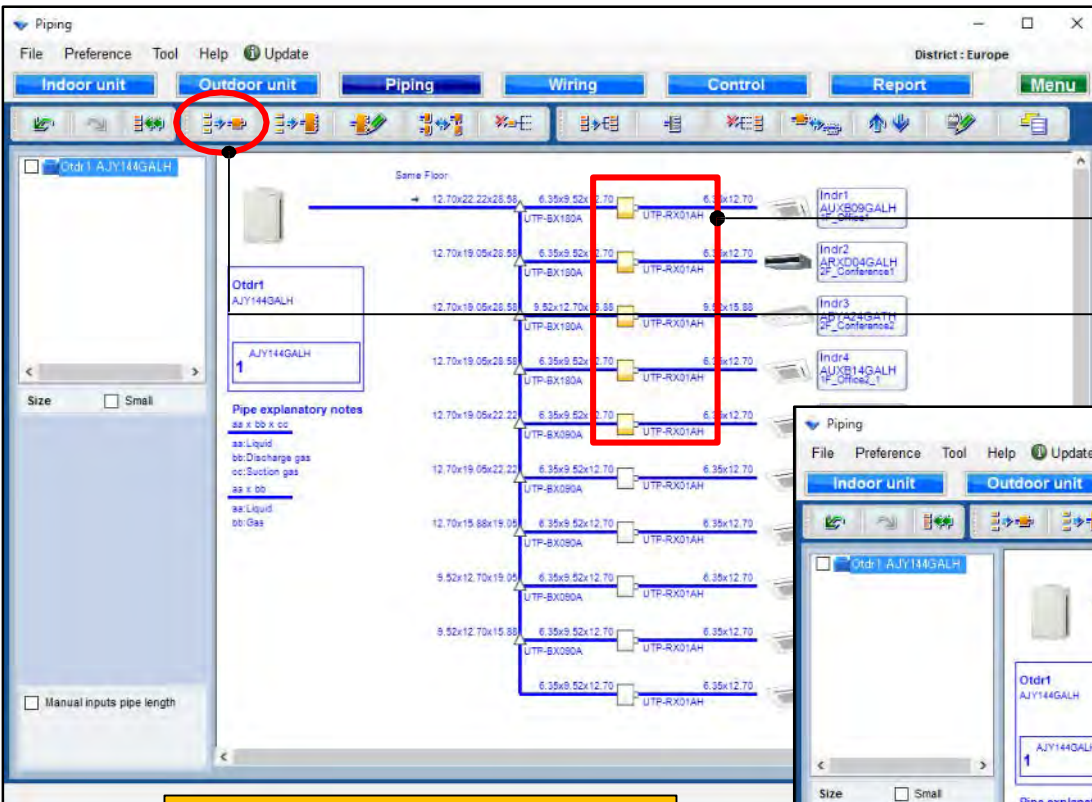
Checked refrigerant system cannot be edited at each screen.



Piping settings

Design Simulator

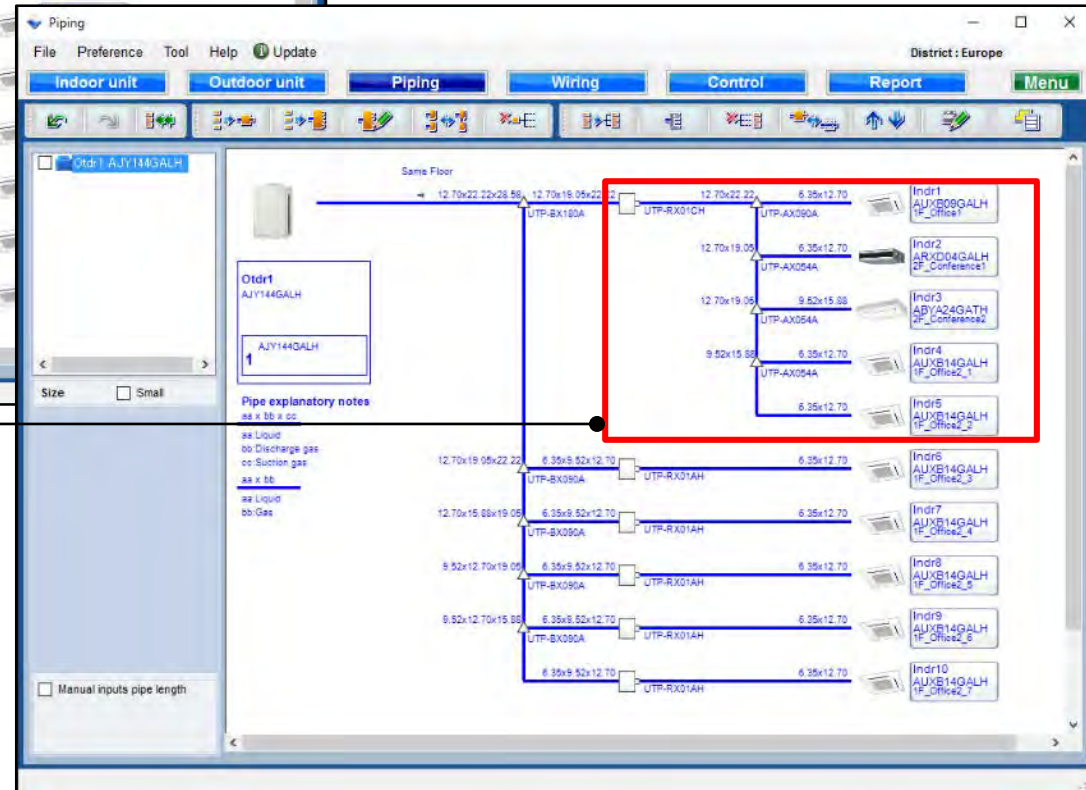
RB Single function



Select RB units

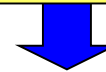
Select "RB Single"

Combine indoor

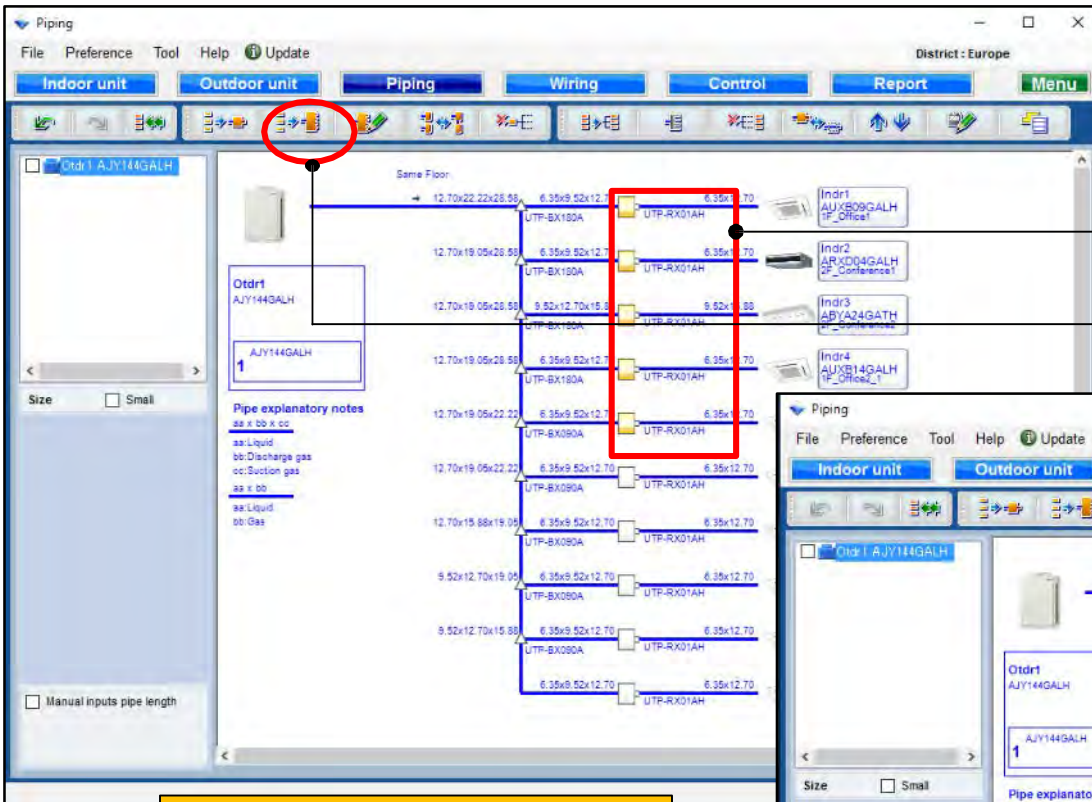


RB multi function

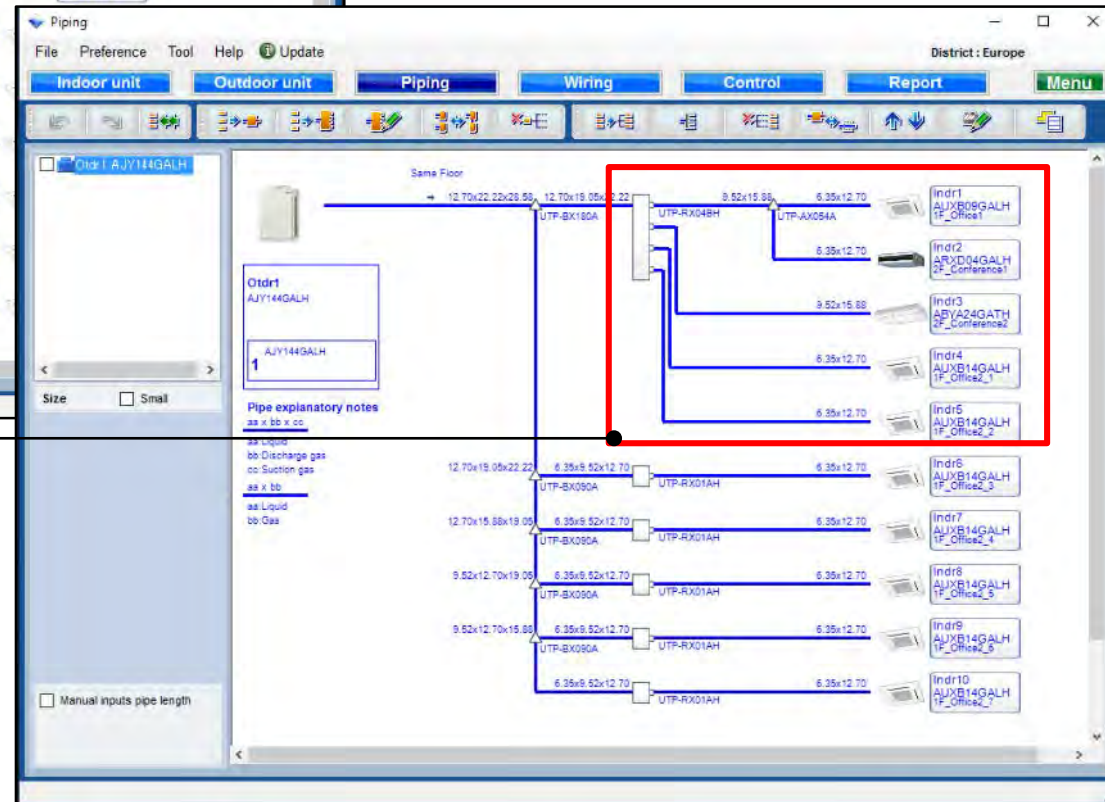
Select RB units



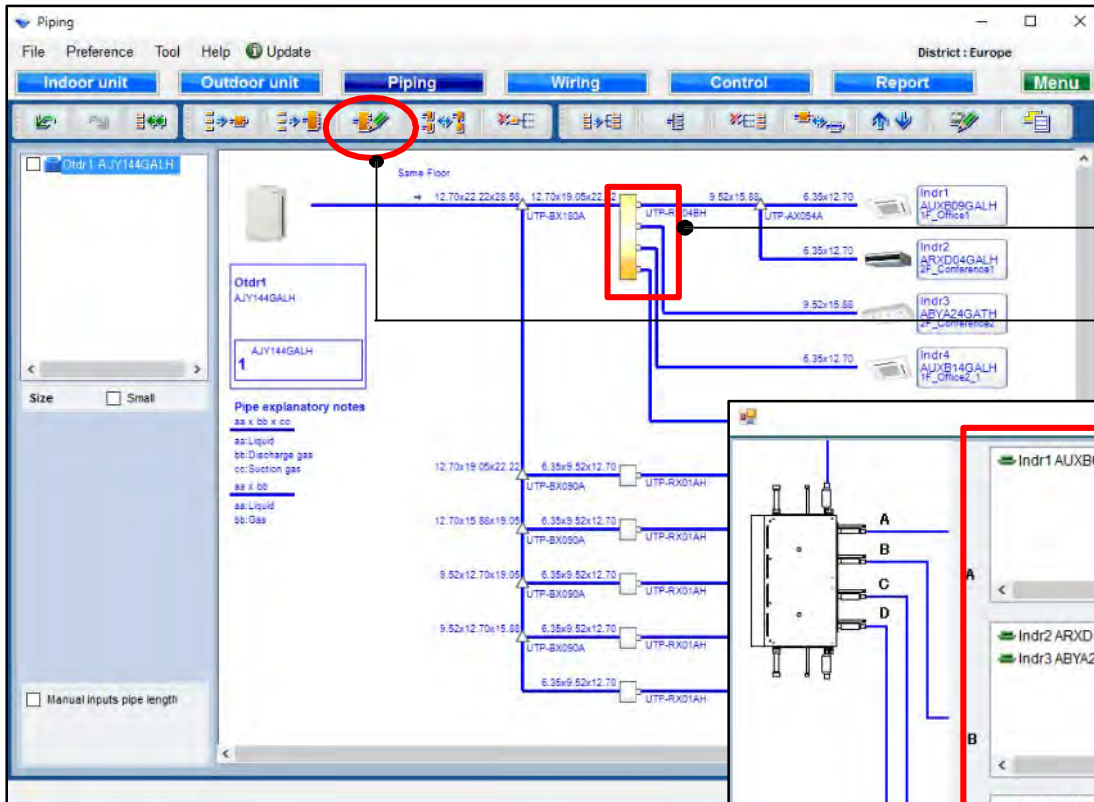
Select "RB multi"



Combine indoor



RB multi composition function

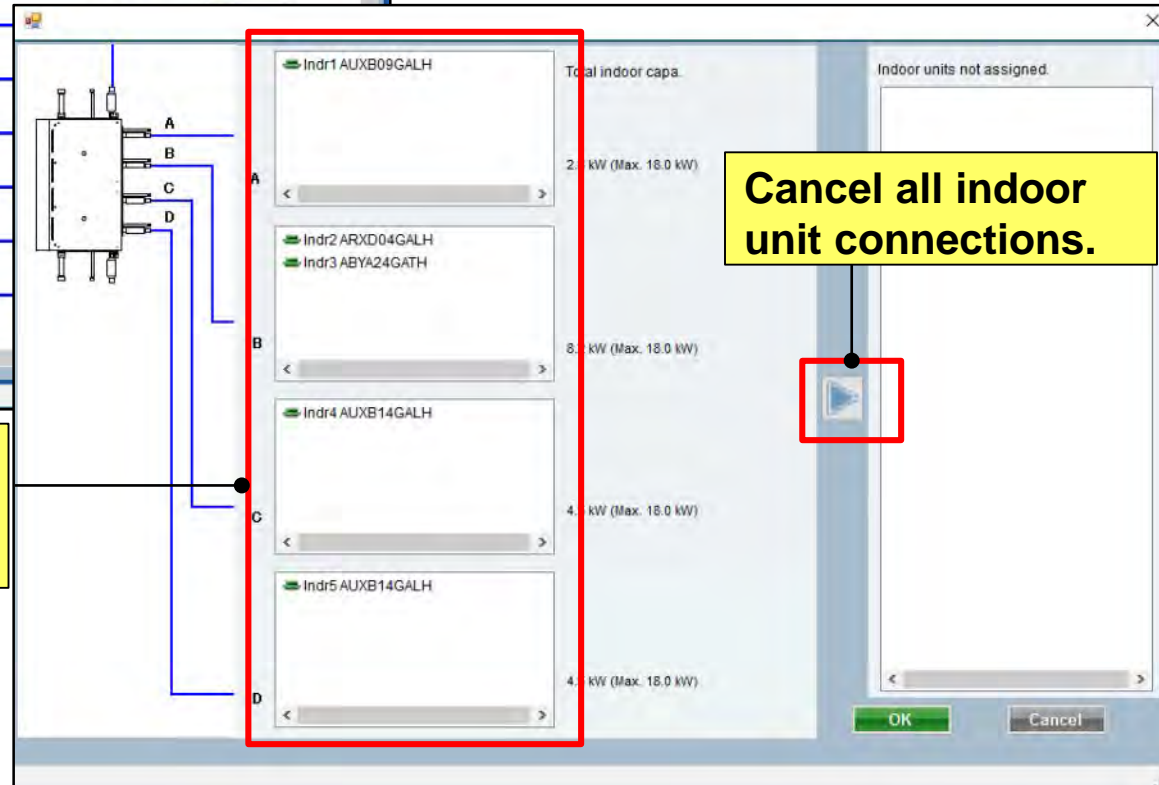


Select RB multi units



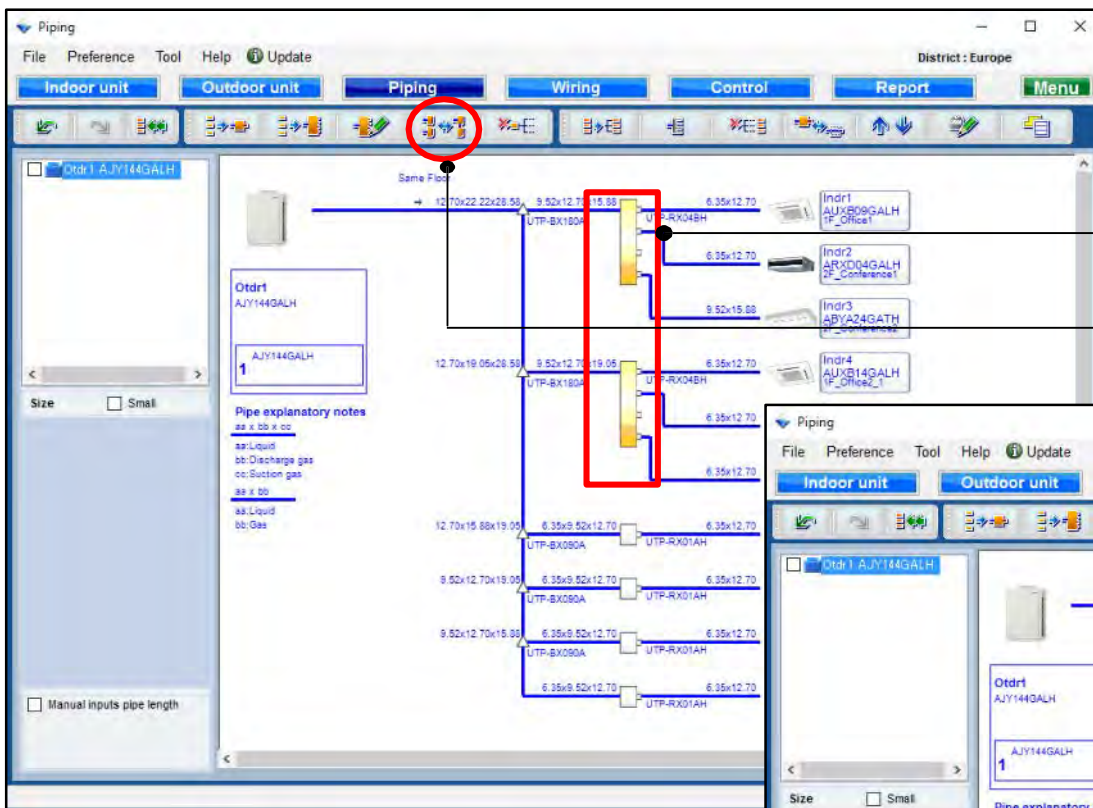
Select
"RB multi composition"

Indoor unit connection method
when RB multi is used can be
changed.



Cancel all indoor
unit connections.

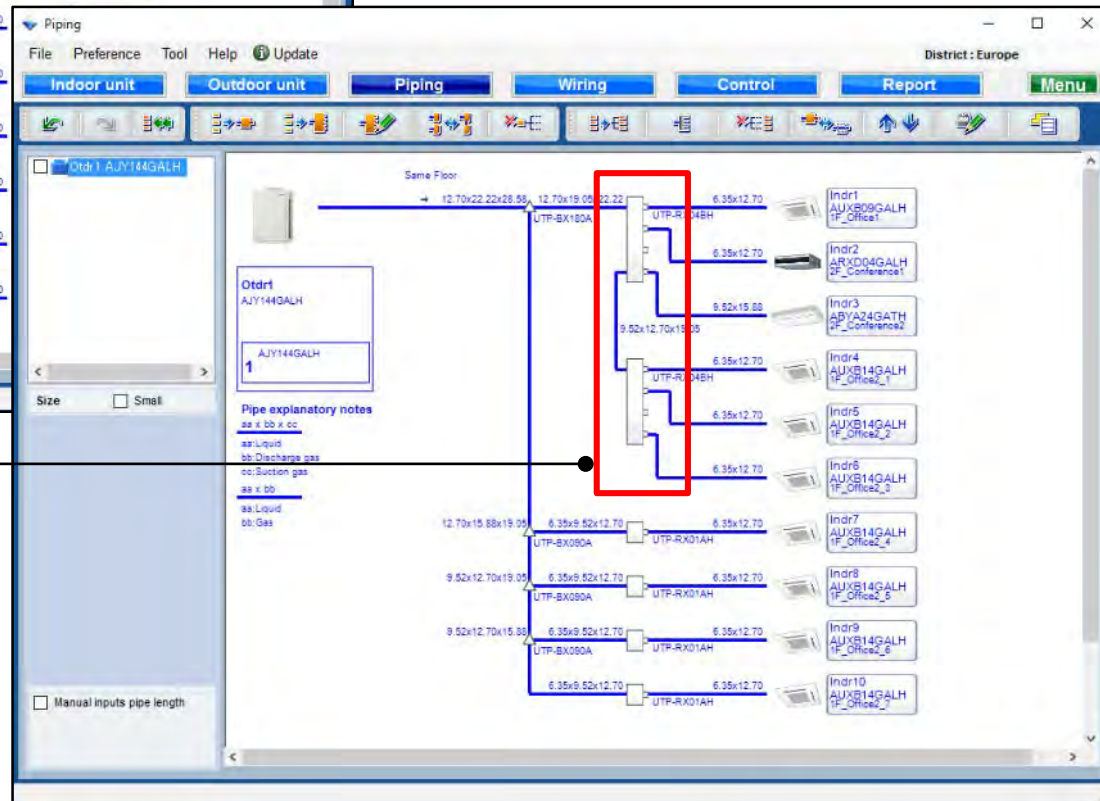
Combine RB multi function



Select RB multi units

Select
"Combine RB multi"

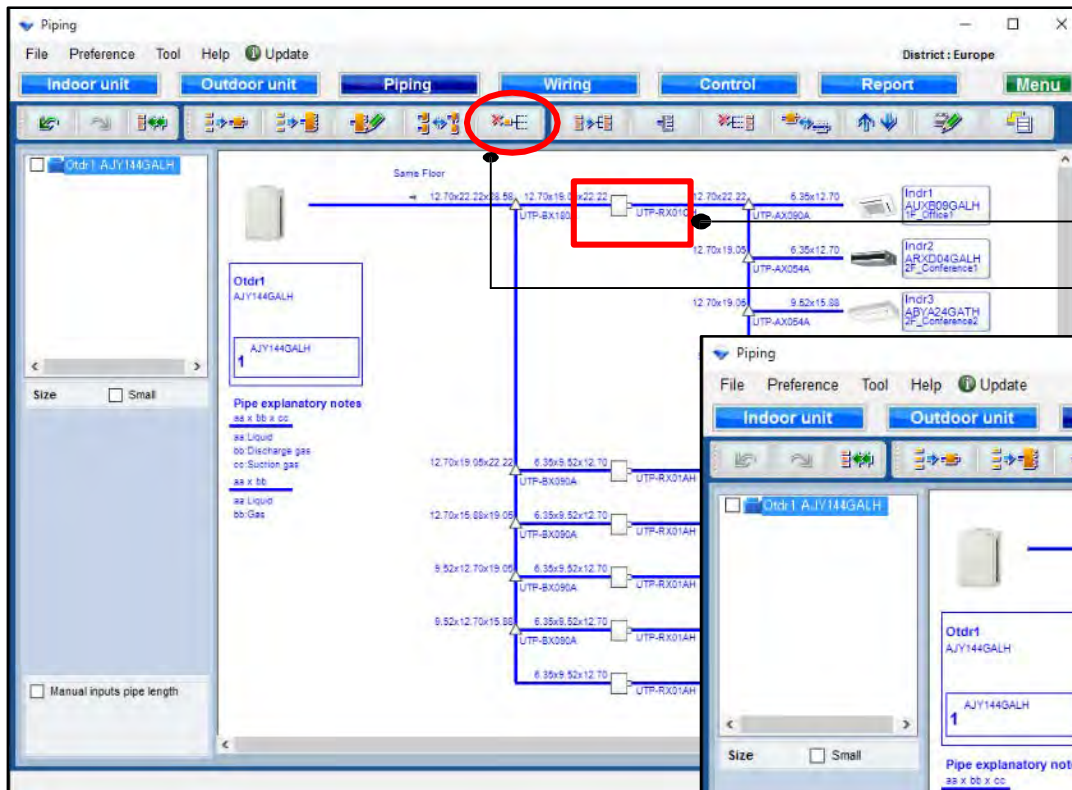
Combine 2 RB multi groups
into 1 group.



Piping settings

Design Simulator

Release combine function

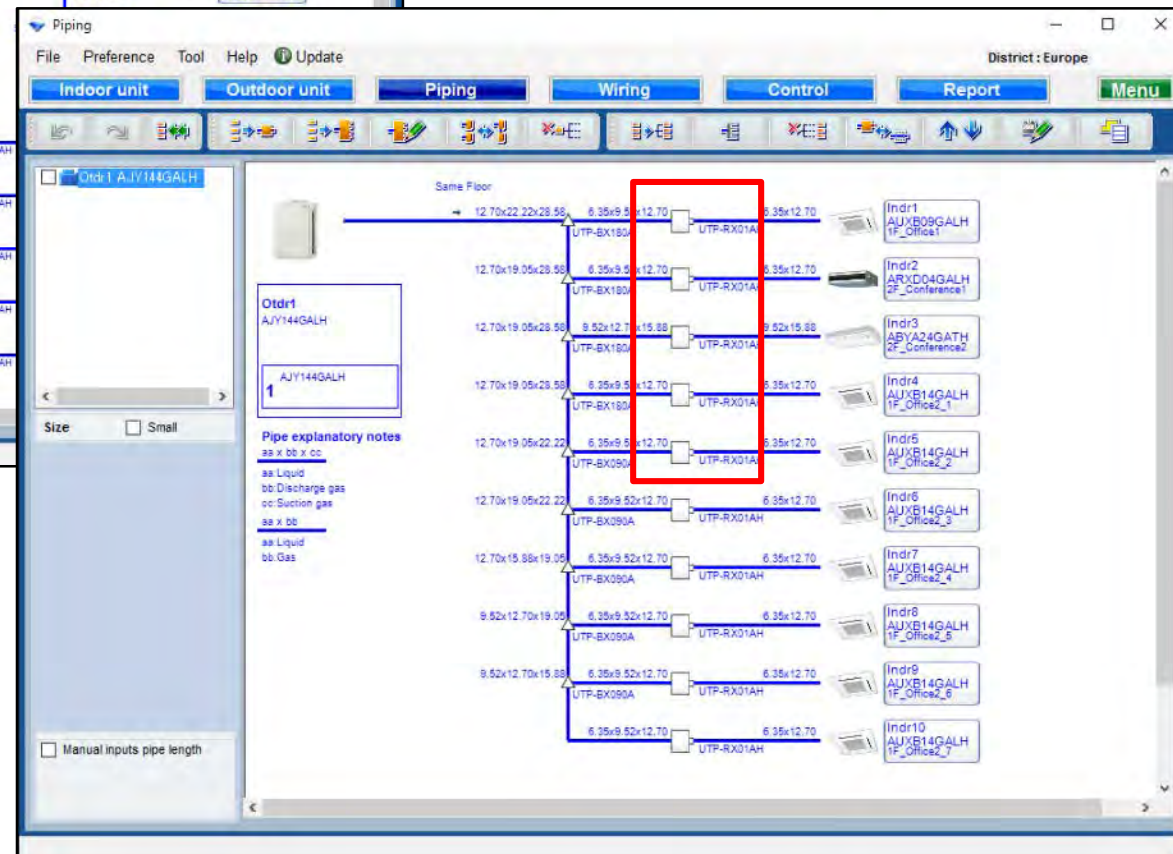


Select RB units

Select "Release combine"

Release combine

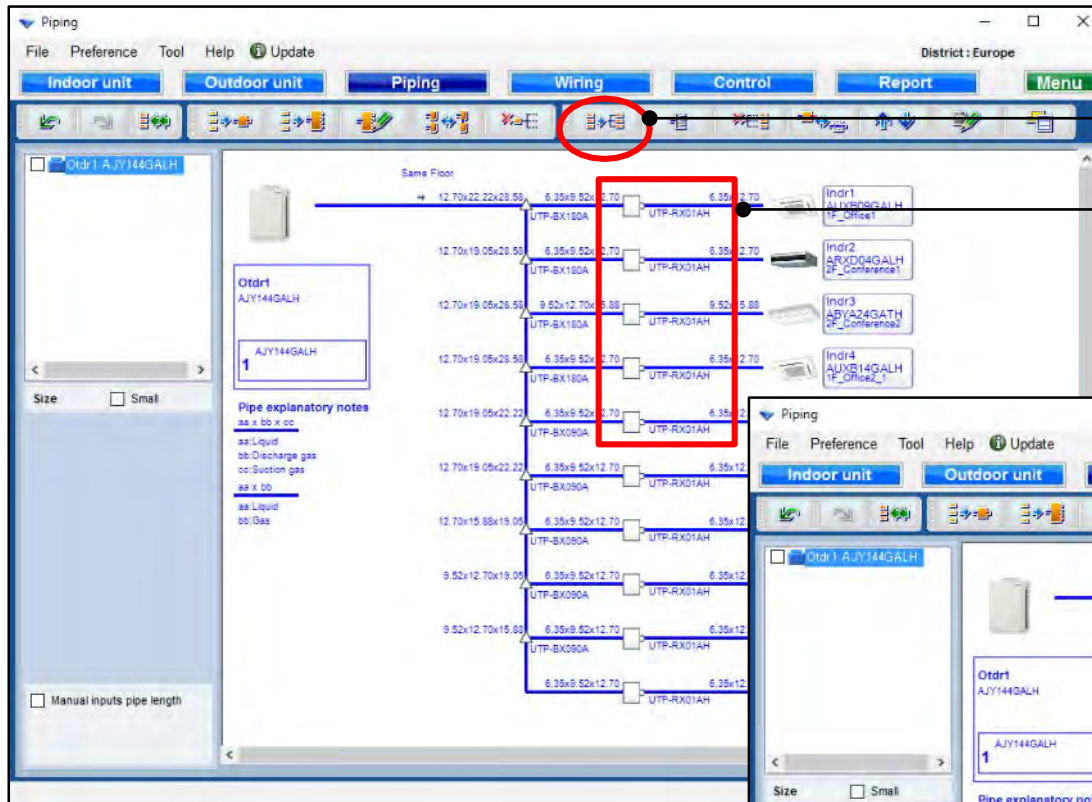
*Selected RB multi or all units combined by single can be released.



Piping settings

Design Simulator

Combine indoor function

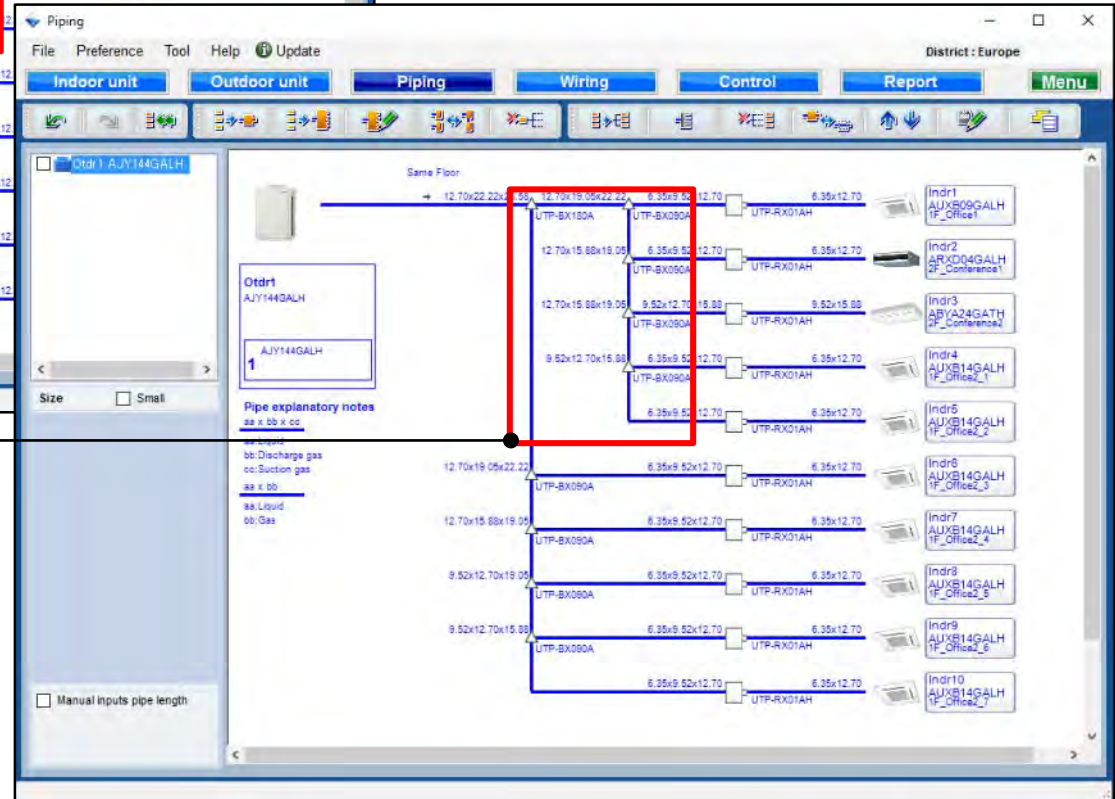


Select RB units



Select "Combine indoor"

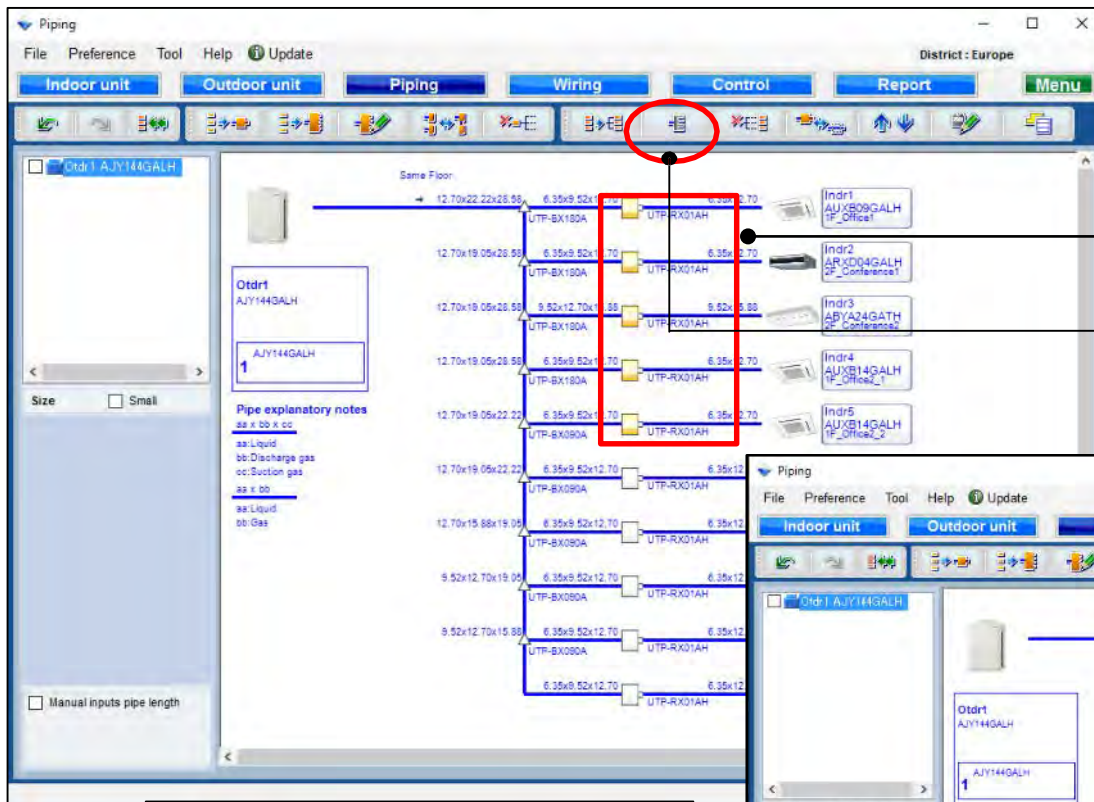
This part can be separated.



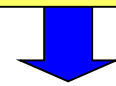
Piping settings

Design Simulator

Add header function

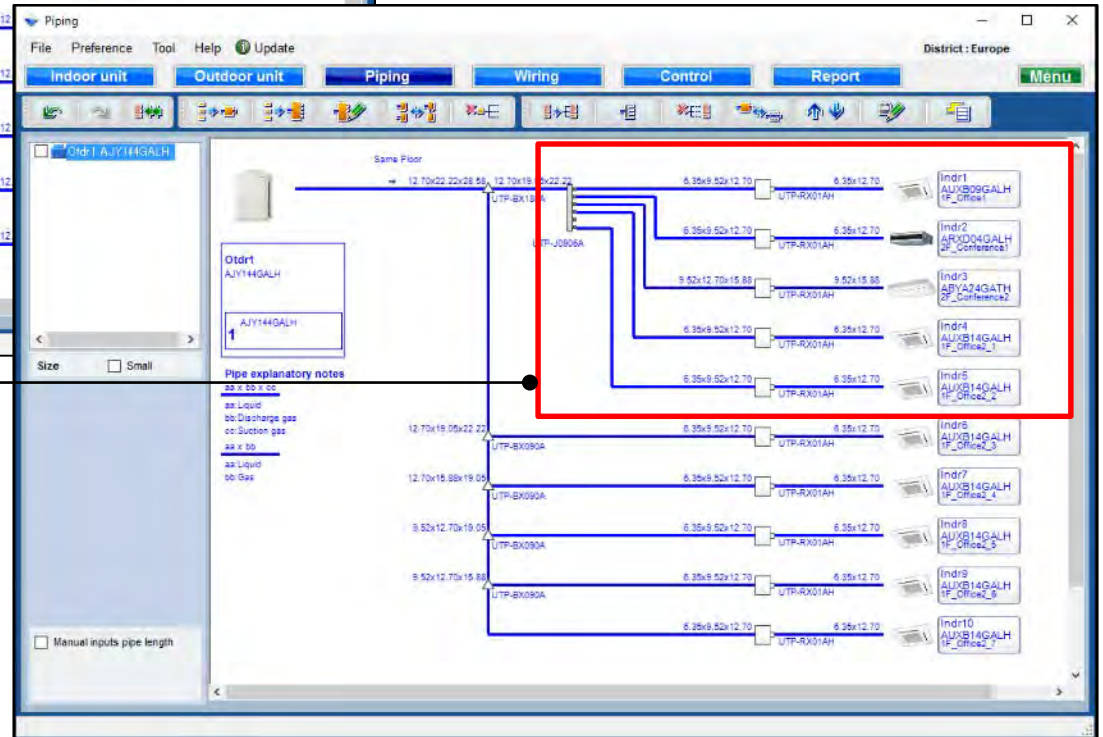


Select RB units



Select "Add header"

Create header combine

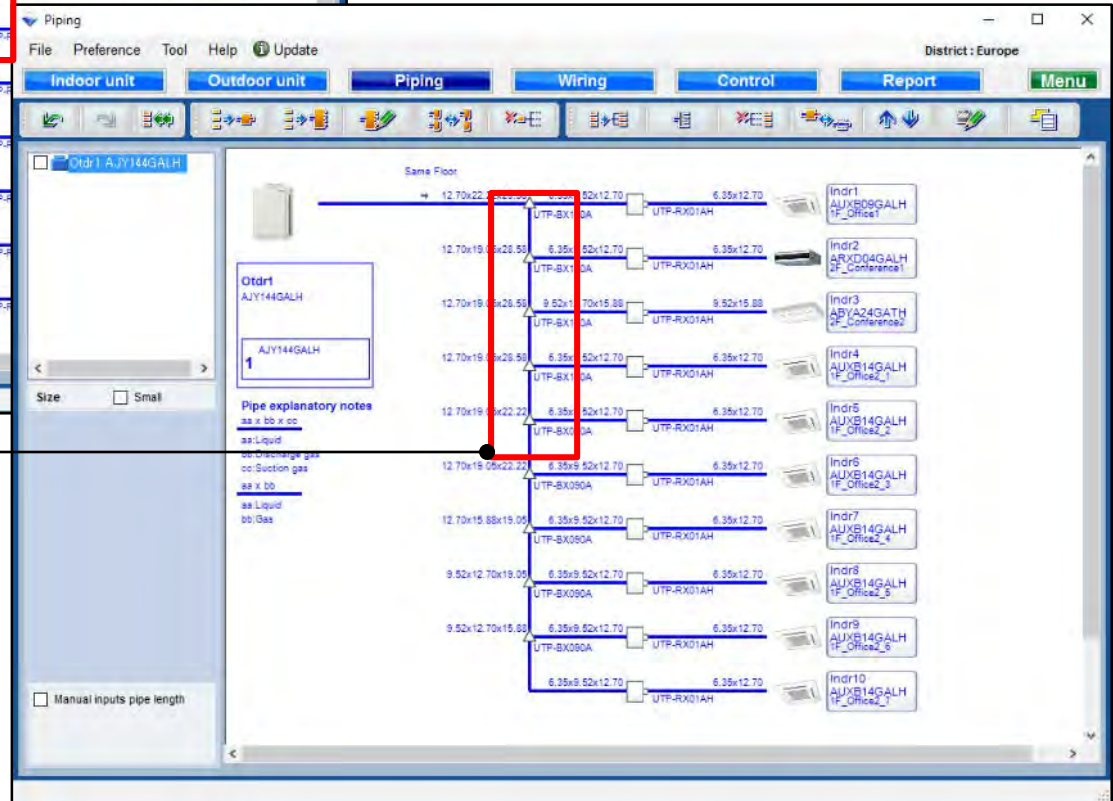
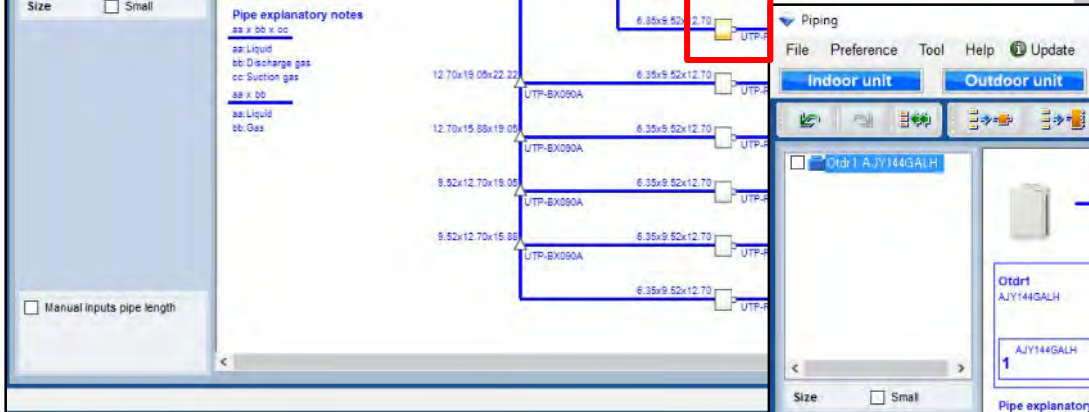
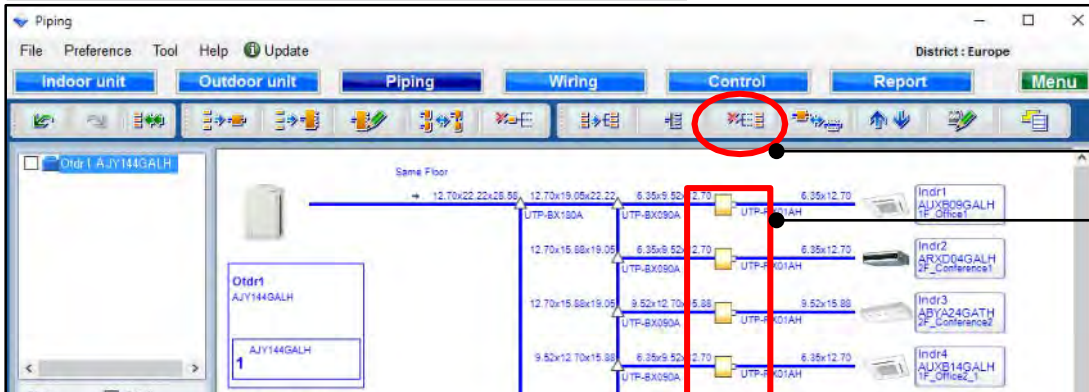


Release combine function

Select RB units

Select "Release combine"

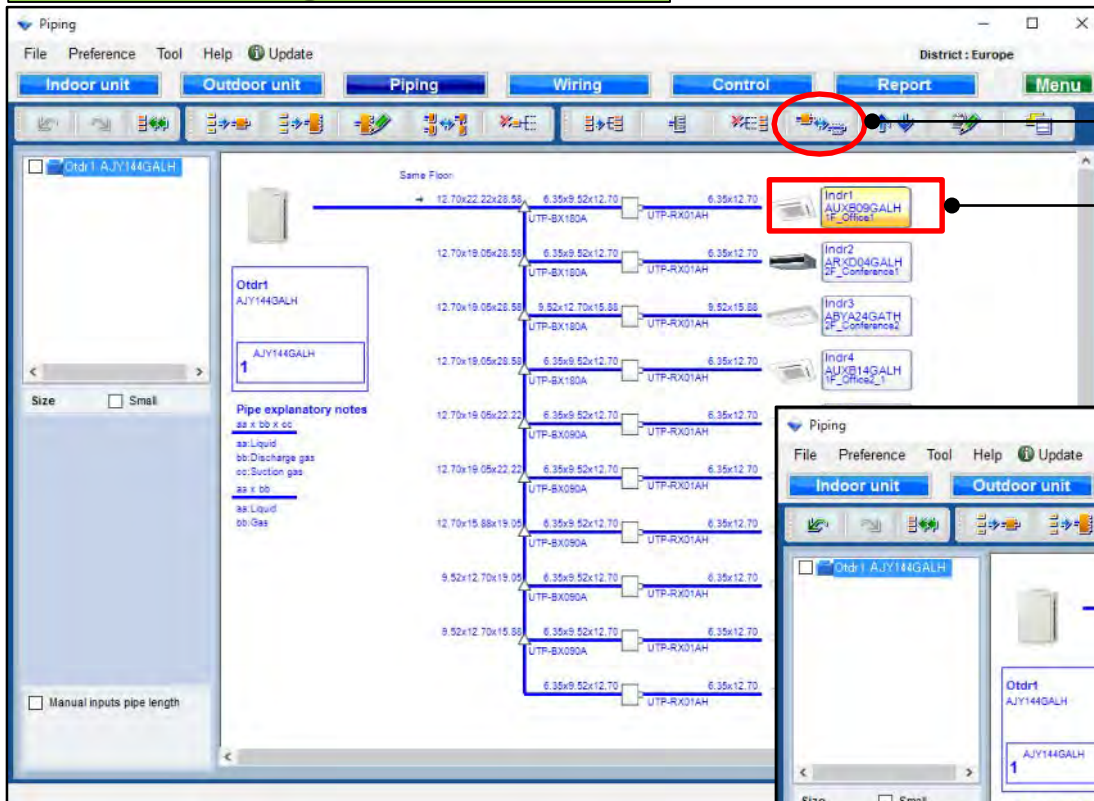
Release combine



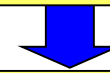
Piping settings

Design Simulator

Release Single RB function

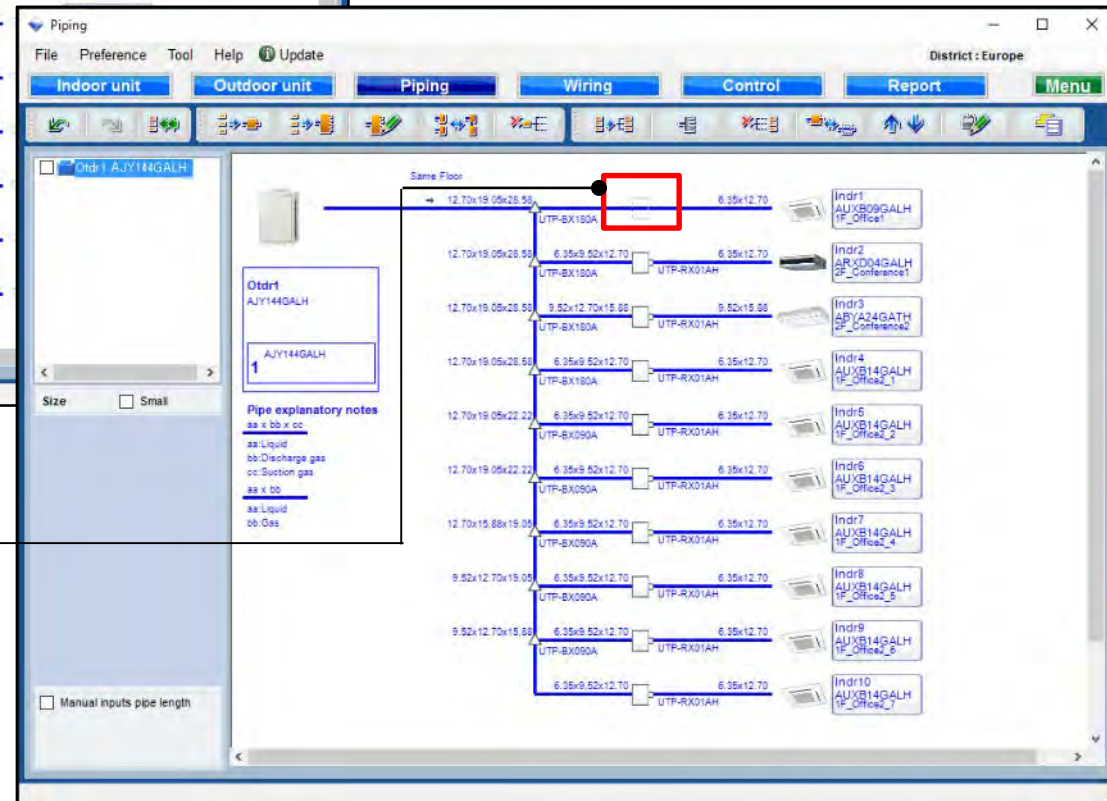


Select indoor unit



Select
"Release Single RB
(make cooling only IU)"

Less than 50% of all capacities in all indoor units can be changed to Cooling only.



Move up the indoor combine order function

Select
" Move up the indoor
combine order "

Open Indoor movement

Press Check and then
press OK

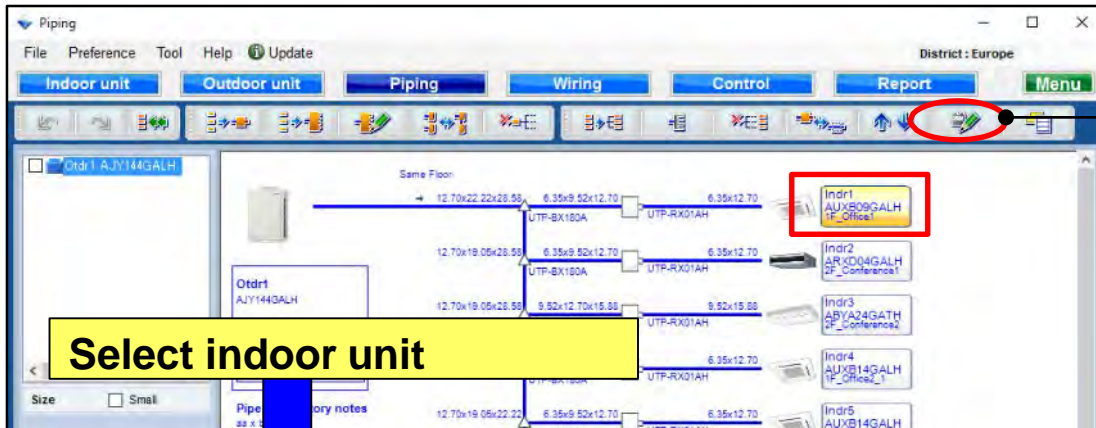
Move Indr3

Move upward

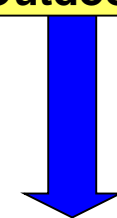
Indr3 can be
moved to the top

The image displays three sequential screenshots from the Design Simulator software, illustrating the process of moving an indoor combine order function. The first screenshot shows the 'Piping' window with the 'Report' menu open, and the 'Move up the indoor combine order' icon circled in red. The second screenshot shows the 'Indoor movement' dialog box with the 'Move up' icon circled in red and the 'Check' button also circled in red. The third screenshot shows the 'Piping' window with 'Indr3' highlighted in a red box, indicating it has been moved to the top of the list.

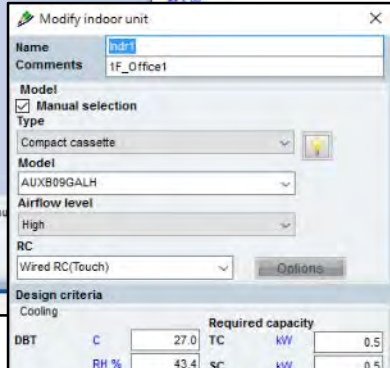
Modify Outdoor or indoor function



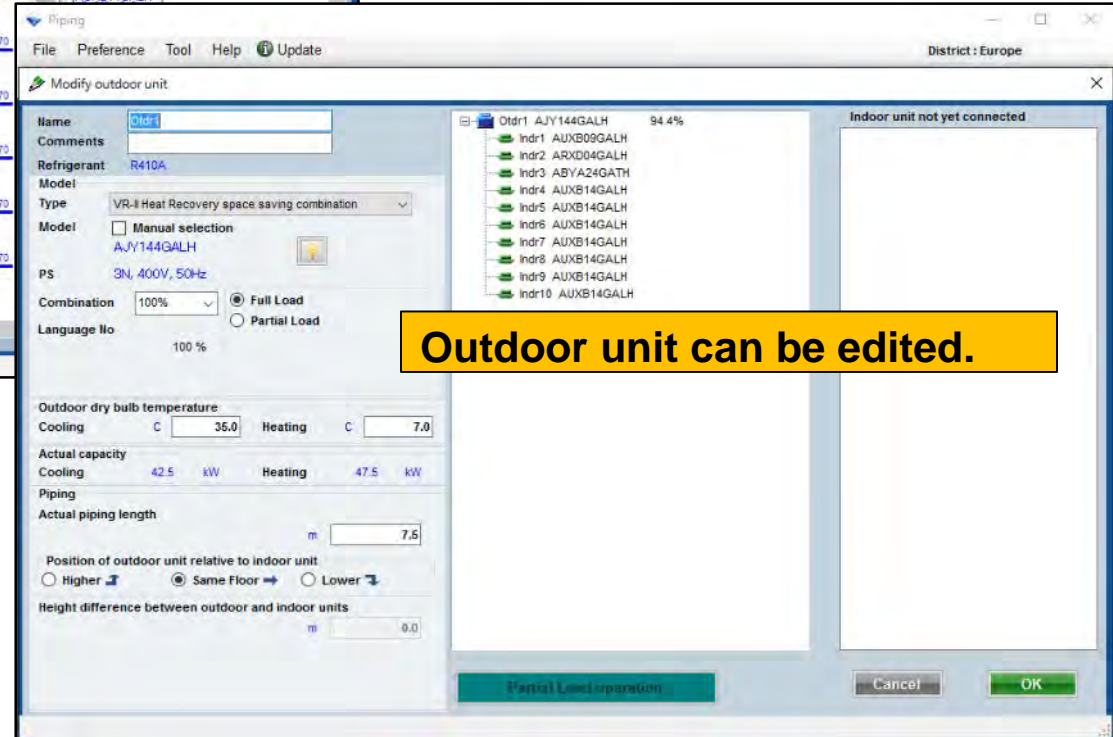
Select
"Modify Outdoor or indoor"



Select indoor unit

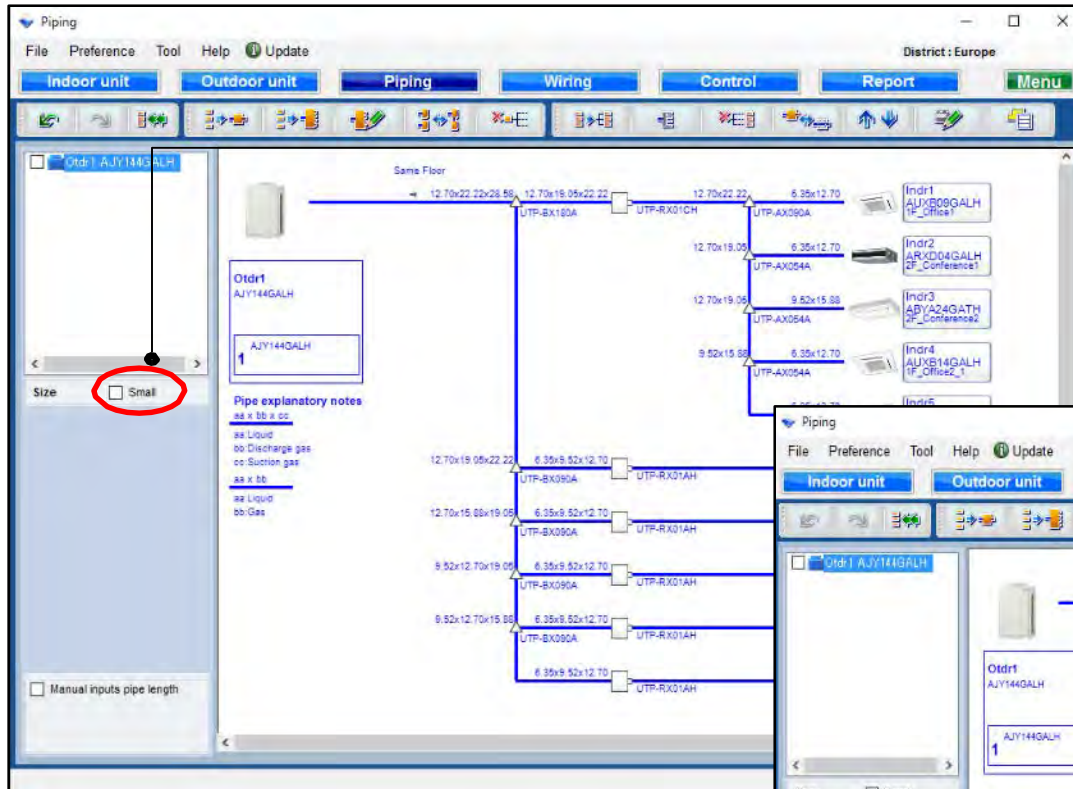


When selecting indoor unit to press "Modify Outdoor or indoor", indoor unit can be edited.



Outdoor unit can be edited.

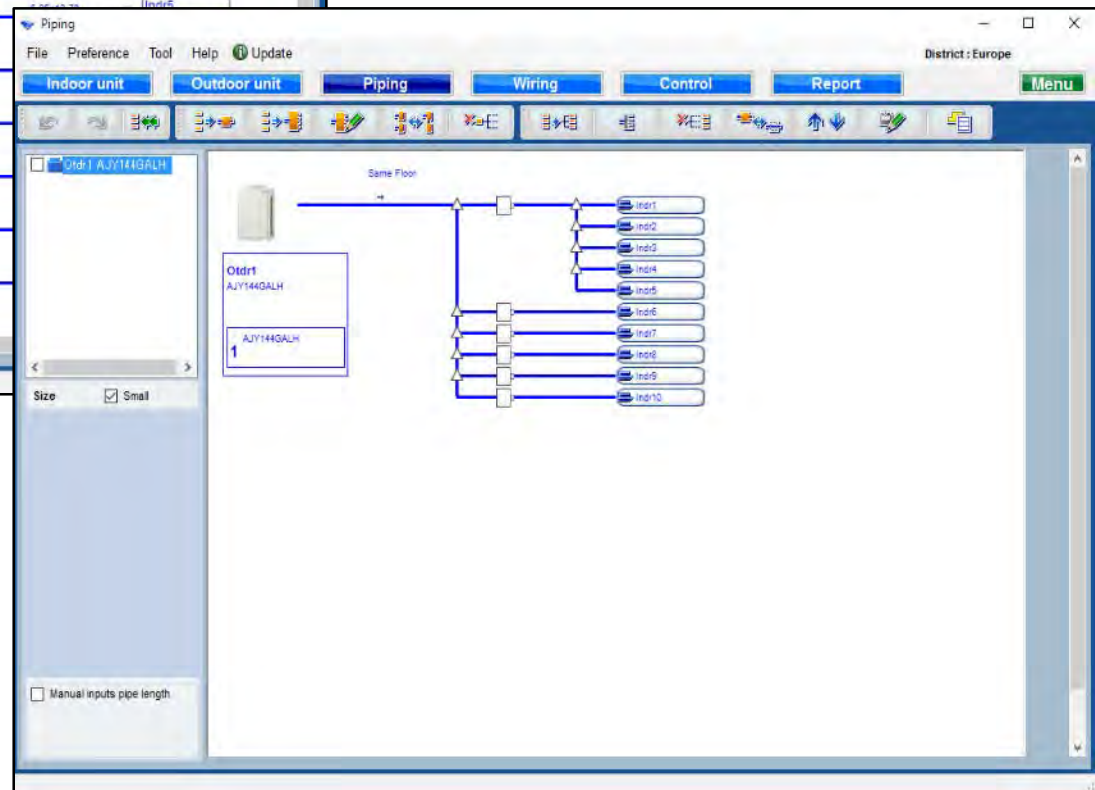
Small view function



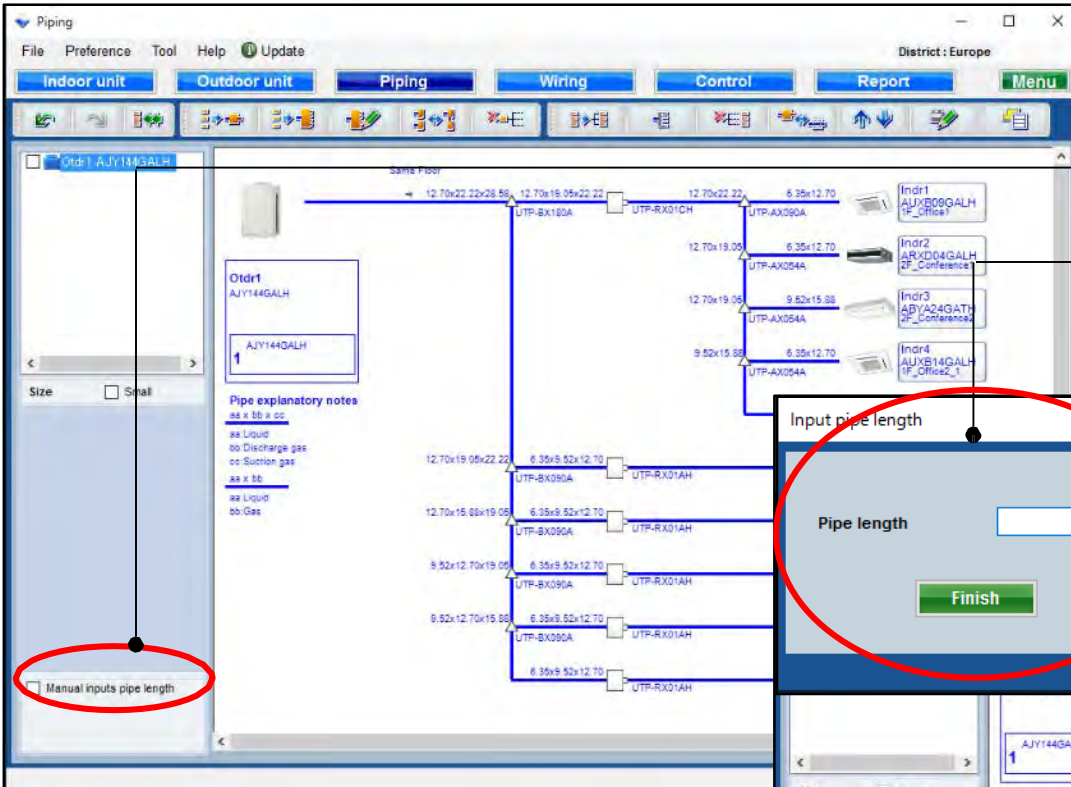
Select "Small"



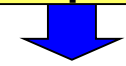
It changed to the small view.



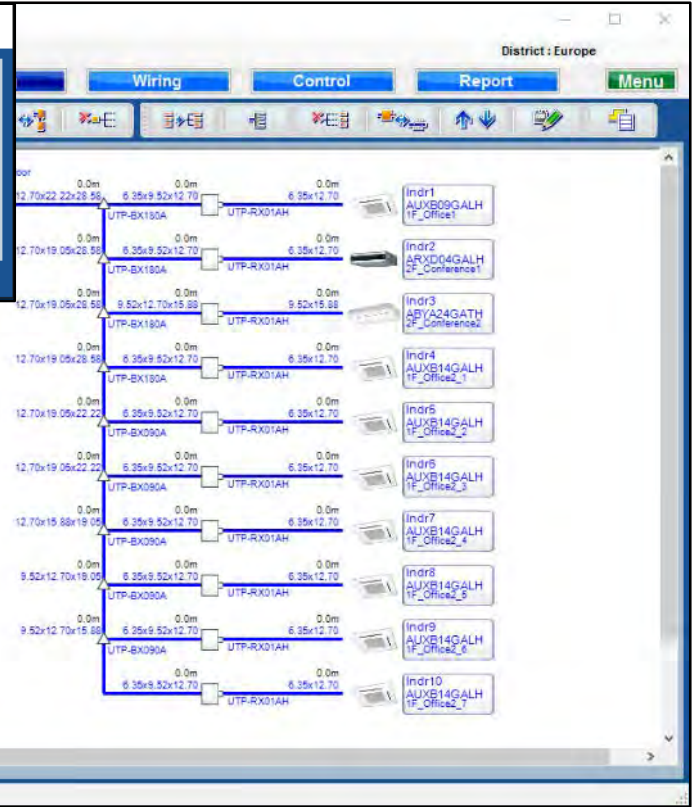
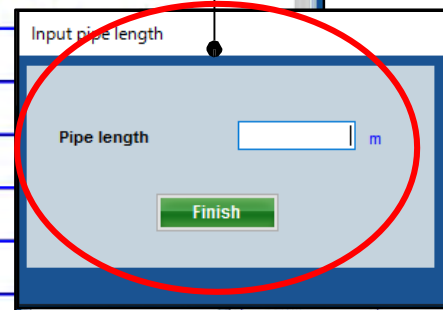
Pipe length set function (1/4)



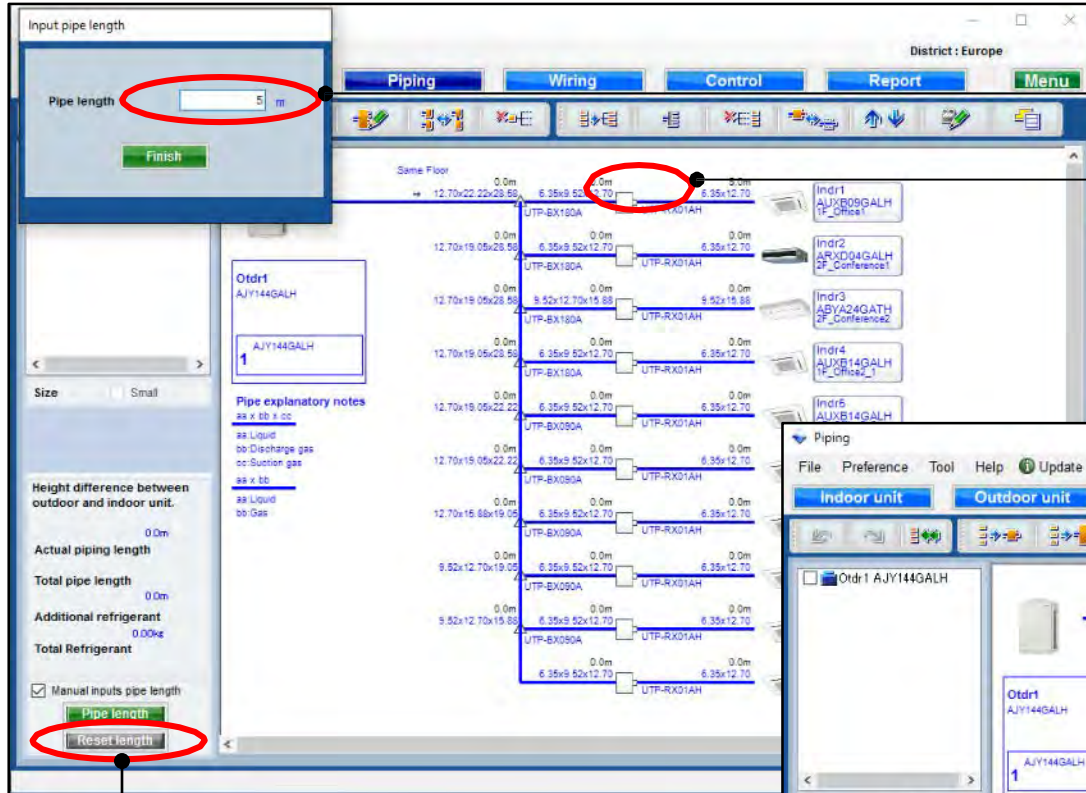
Select "Manual input pipe length"



Open pipe length selection screen



Pipe length set function (2/4)

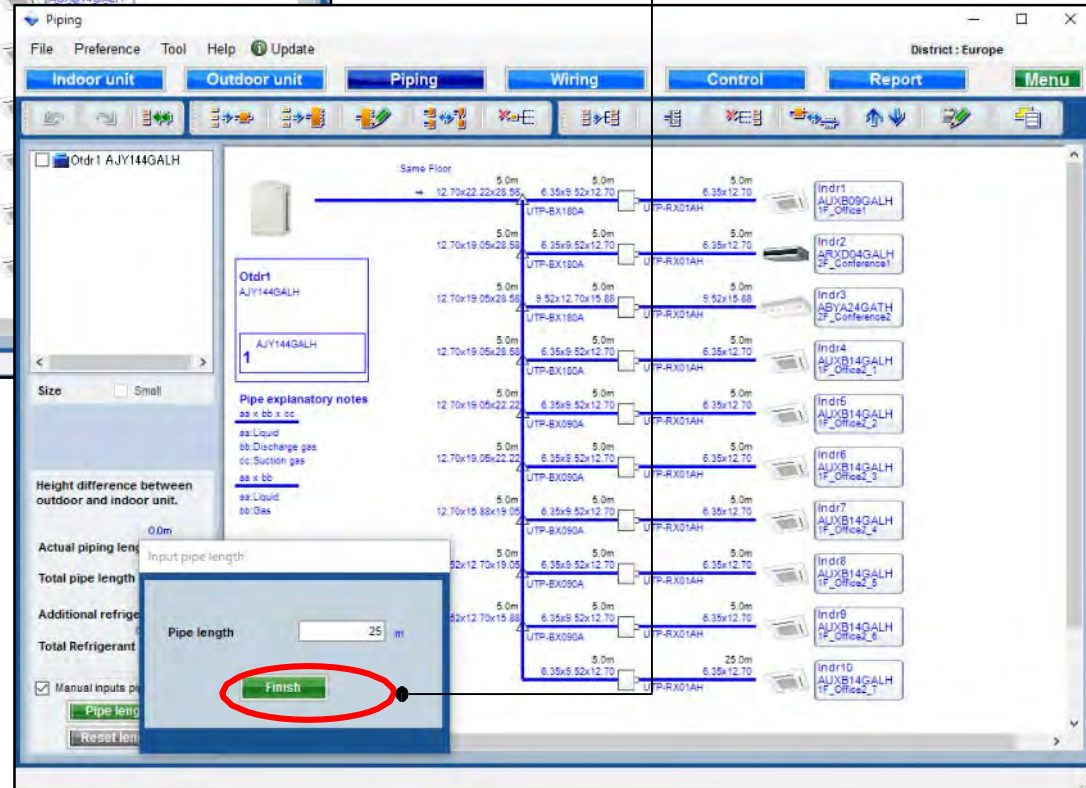


Input the pipe length

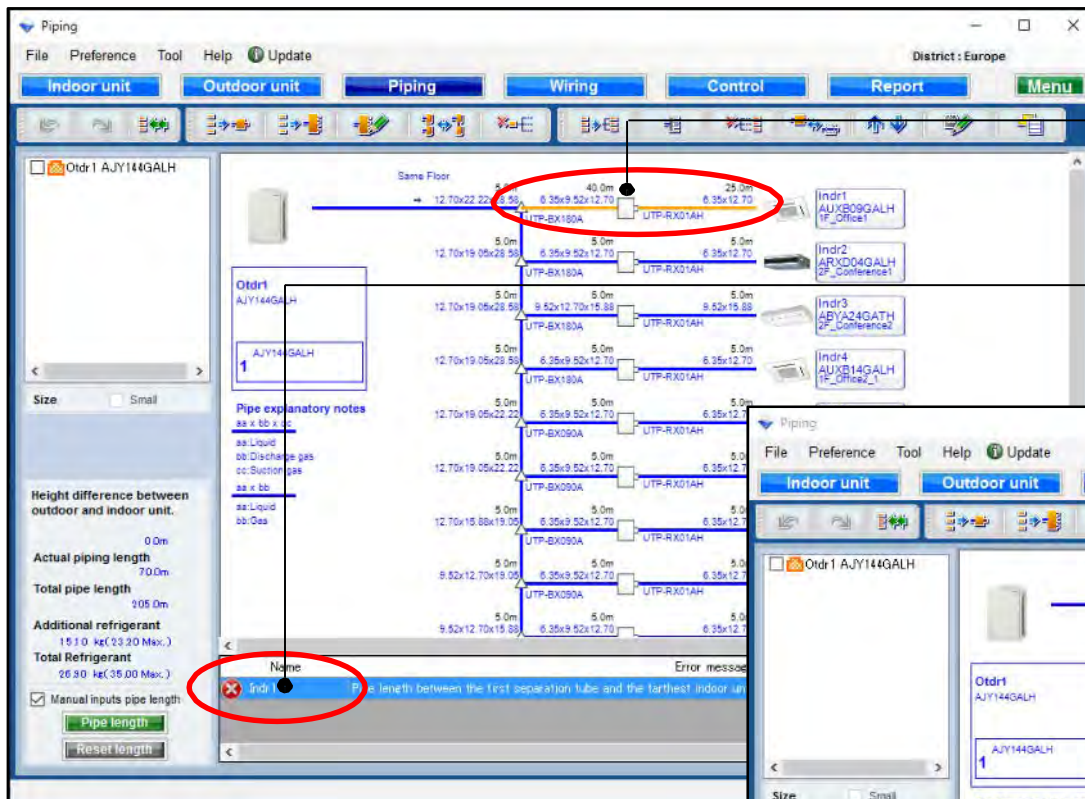
Select each pipe

After all lengths are registered ,
select "Finish"

Reset all input pipe lengths
to initial value

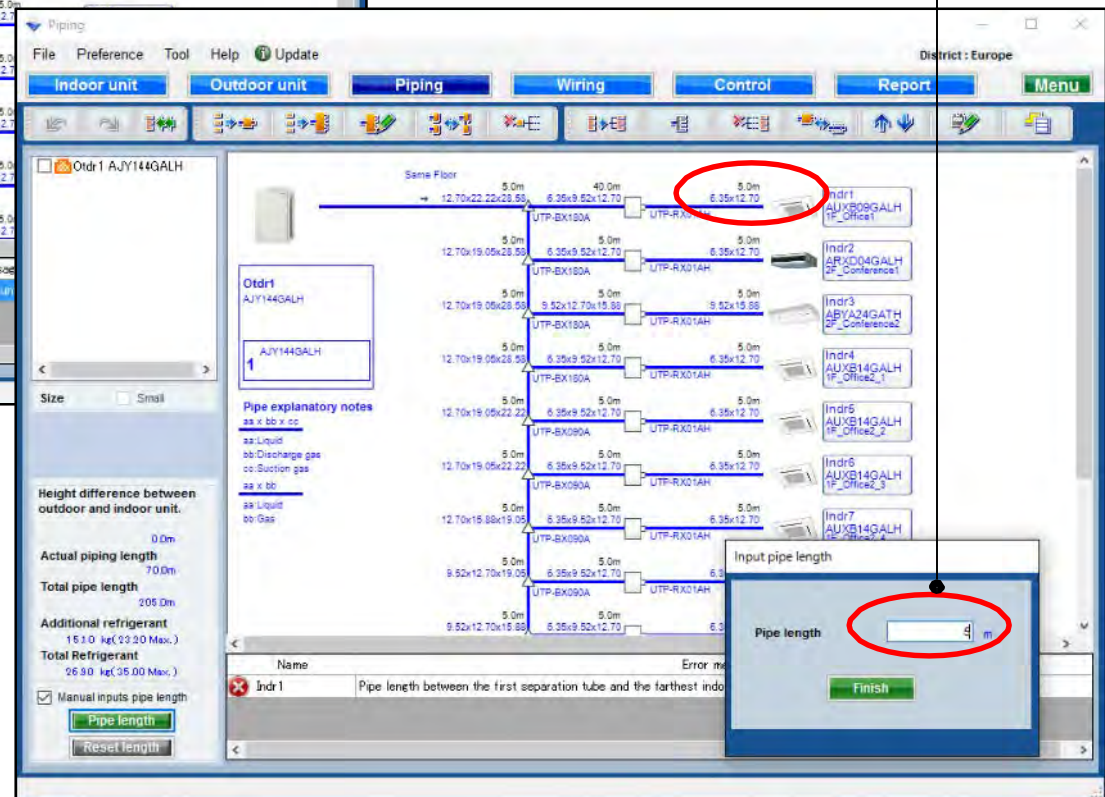


Pipe length set function (3/4)



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

Repeat again, then select "Finish"



Pipe length set function (4/4)

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

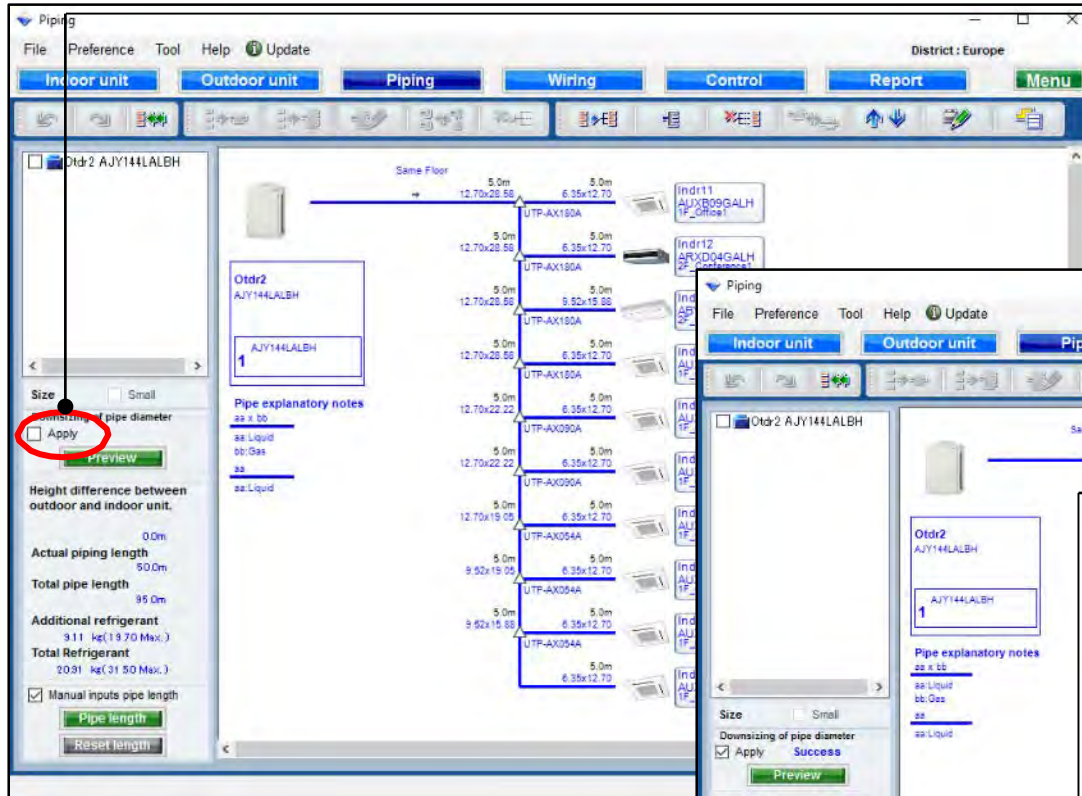
**Additional charge refrigerant amount are
automatically calculated and displayed.**

Piping settings

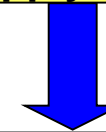
Design Simulator

Downsizing of pipe diameter function (1/2)

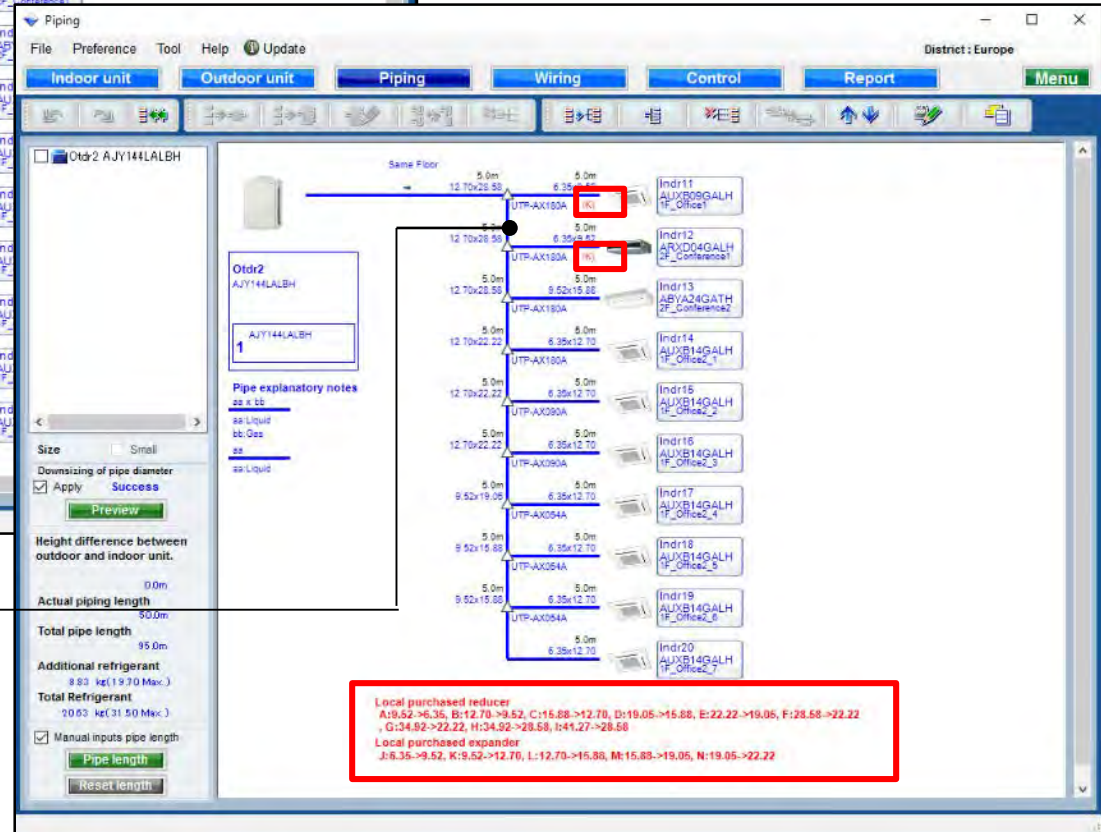
*V-III series only at target area



Select "Apply"



Downsize pipe diameter



When Reducer is necessary,
message is displayed.

Downsizing of pipe diameter function (2/2)

The screenshot shows the Piping software interface with the 'Downsizing of pipe diameter' function selected. The 'Preview' button is highlighted with a red circle. The interface displays a piping diagram and various settings for the outdoor unit (Otdr2 AJY144LALBH).

Select "Preview"

Display "Downsizing of pipe diameter"

Display the difference before and after the downsizing of pipe and refrigerant amount.

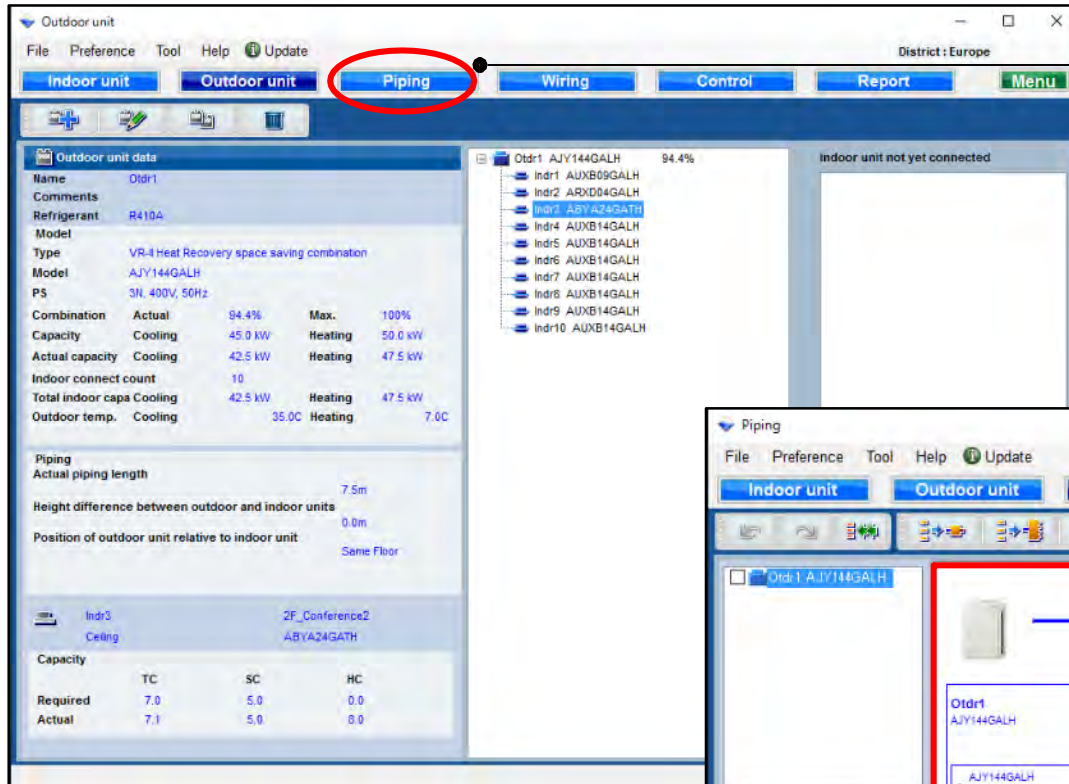
The dialog box displays a table with the following data:

Pipe Size (mm)	Normal (m)	Downsizing (m)	Difference (m)
6.35	45.0	45.0	0.0
9.52	15.0	30.0	15.0
12.70	80.0	65.0	-15.0
15.88	10.0	15.0	5.0
19.05	10.0	5.0	-5.0
22.22	10.0	15.0	5.0
28.58	20.0	15.0	-5.0
Downsized pipe length			25.0
Refrigerant (kg)	9.11	8.83	0.28

Below the table, there is a text box with the following content:

If you input the lengths of the pipes and their length are based on the following condition, you can downsize the pipe size.

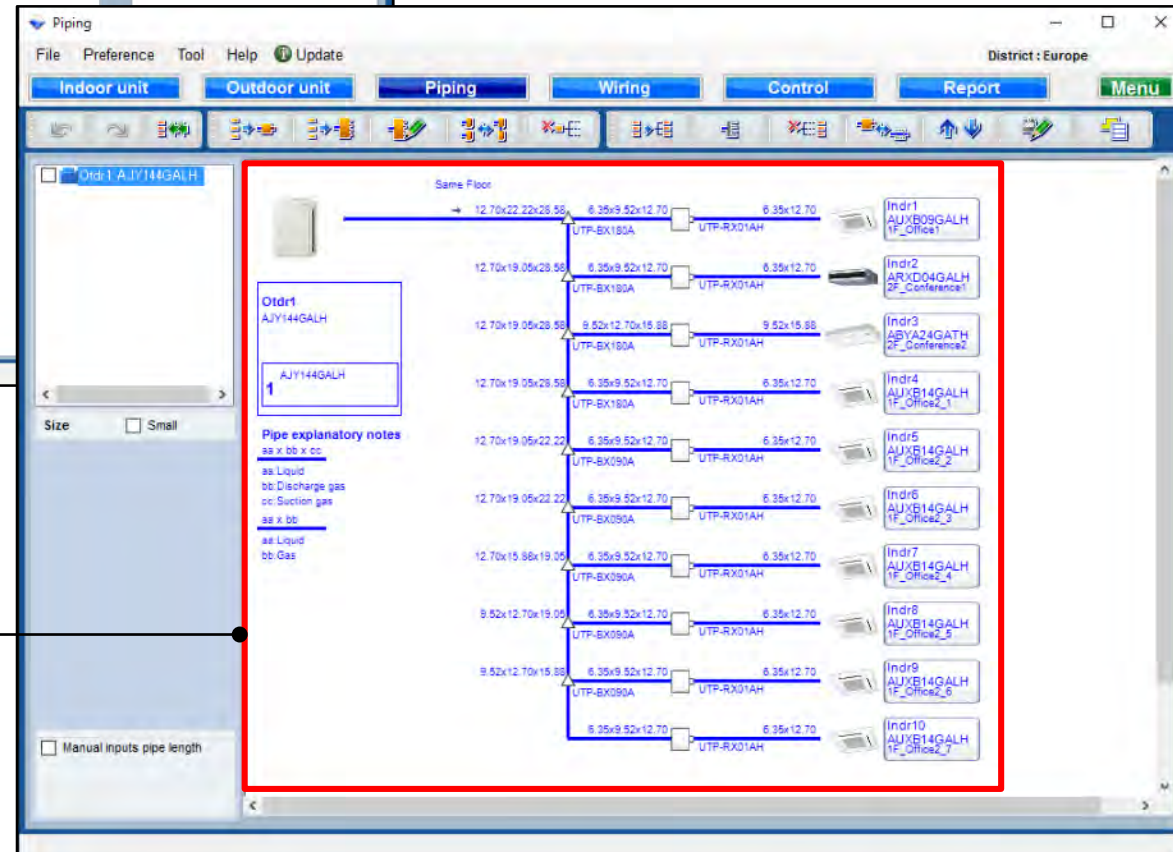
- Between outdoor unit to outdoor unit branch kit :
Between outdoor unit branch kits or outdoor unit branch kit to first separation tube :
The length between master out door unit and the farthest indoor unit should be 70.0m or less.
- Between separation tubes :
The length between master out door unit and the farthest indoor unit should be 120.0m or less,
and the length between the first separation tube and the farthest indoor unit should be 60.0m or less.
- Between separation tube to indoor unit :



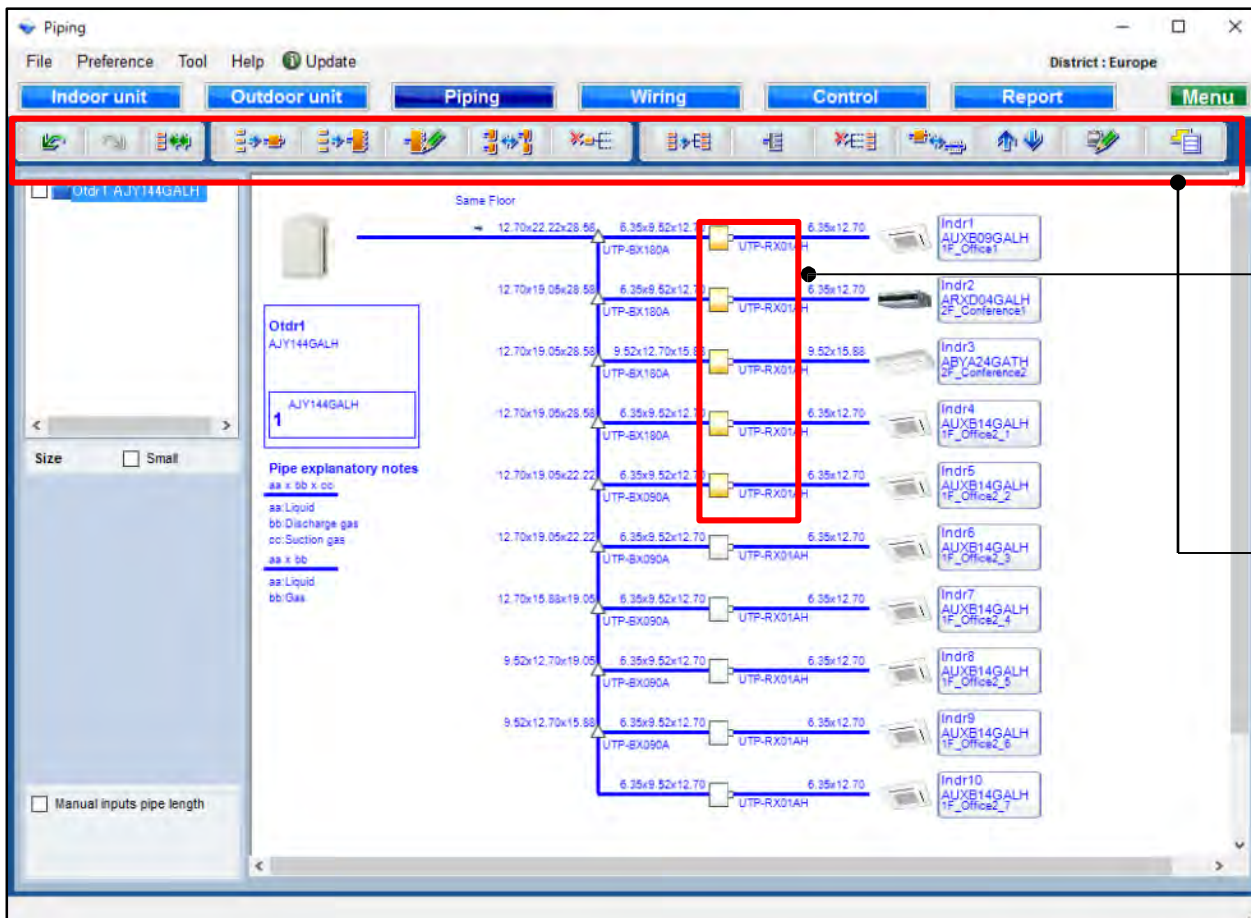
Naciśnij „Orurowanie”

Wyświetlony zostanie schemat instalacji chłodniczej

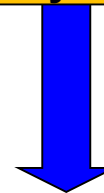
Wyświetlane są średnice rur, nazwy modeli jednostek zewnętrznych, wewnętrznych oraz połączenia jednostek.



Dla odzysku ciepła

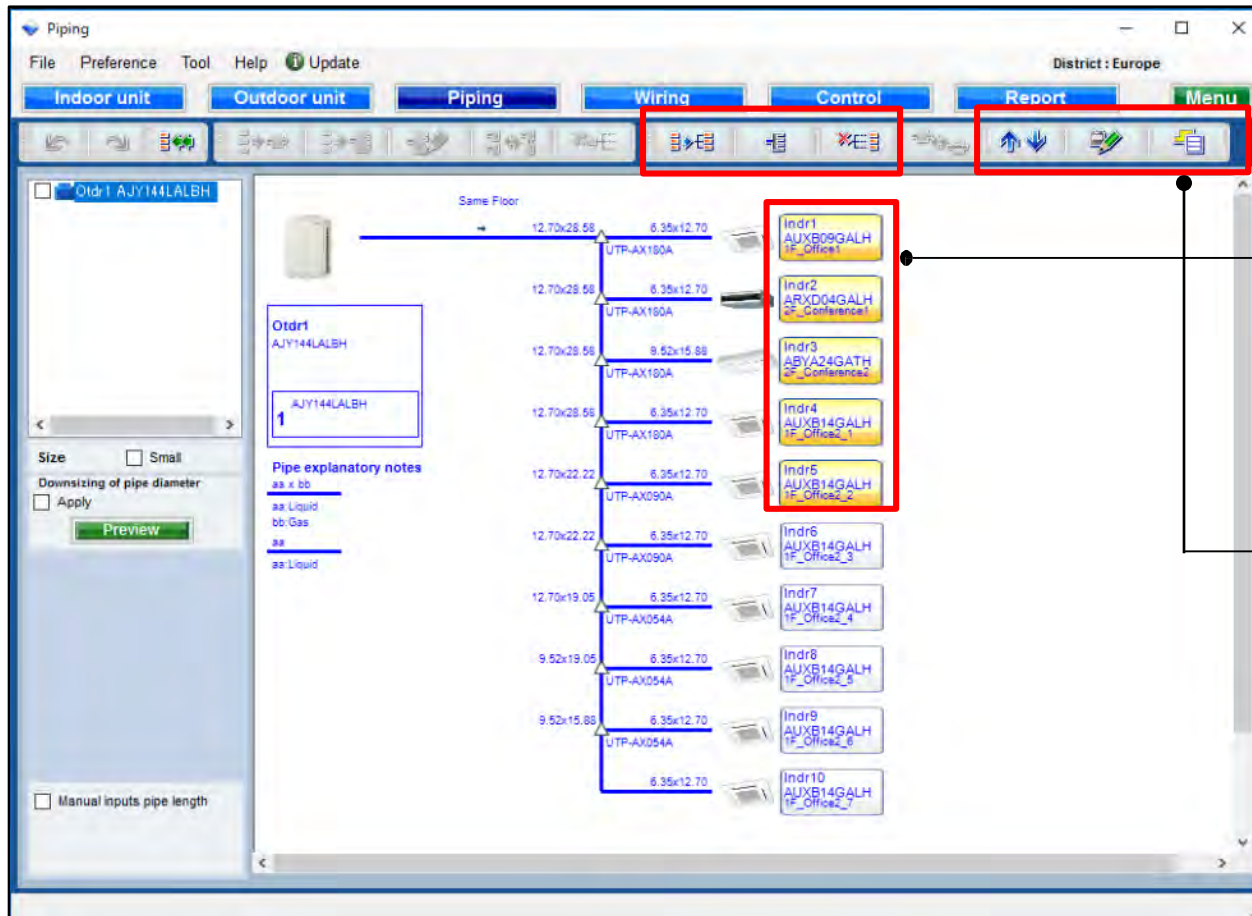


Wybierz rozdzielacz dla systemu odzysku ciepła.

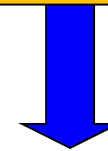


Naciśnij poszczególne przyciski w celu edycji.

Dla pompy ciepła



Wybierz jednostkę wewnętrzną dla pompy ciepła.

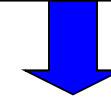


Naciśnij poszczególne przyciski w celu edycji. Dla pompy ciepła funkcje są ograniczone.

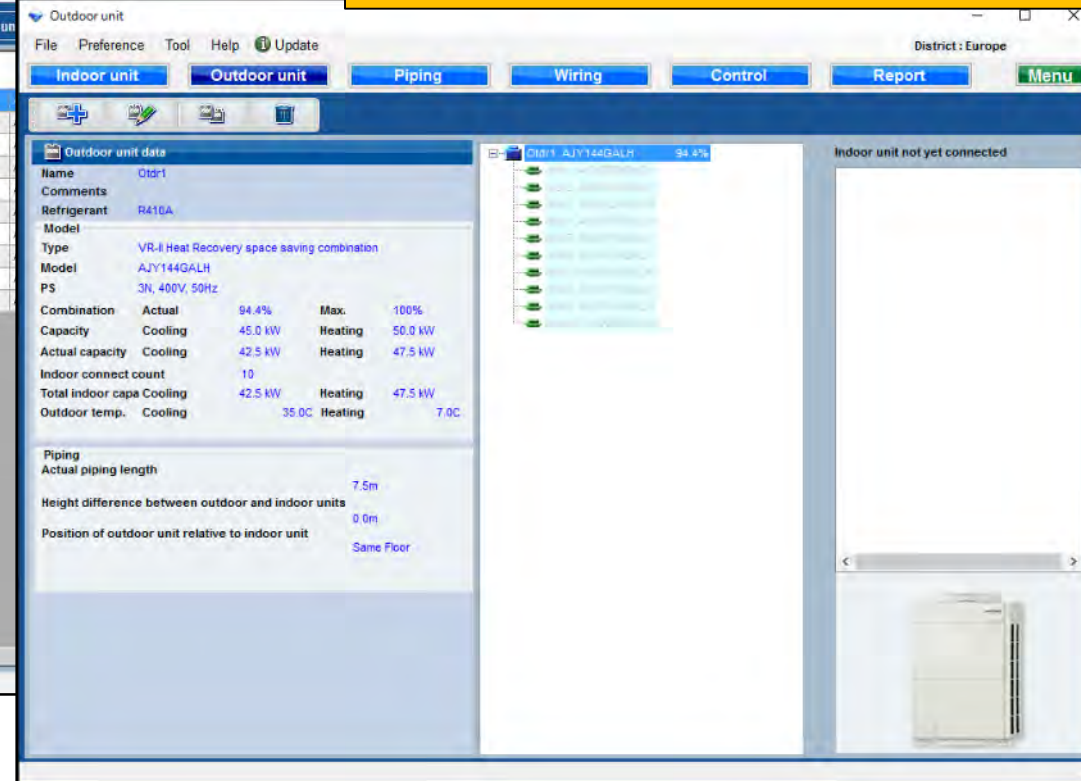
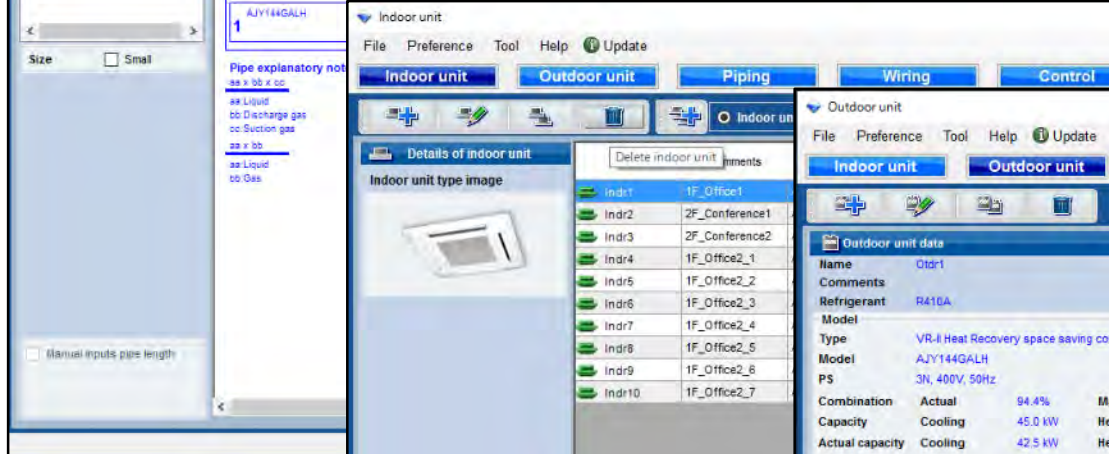
Wybór układu chłodniczego



Zaznacz układ chłodniczy



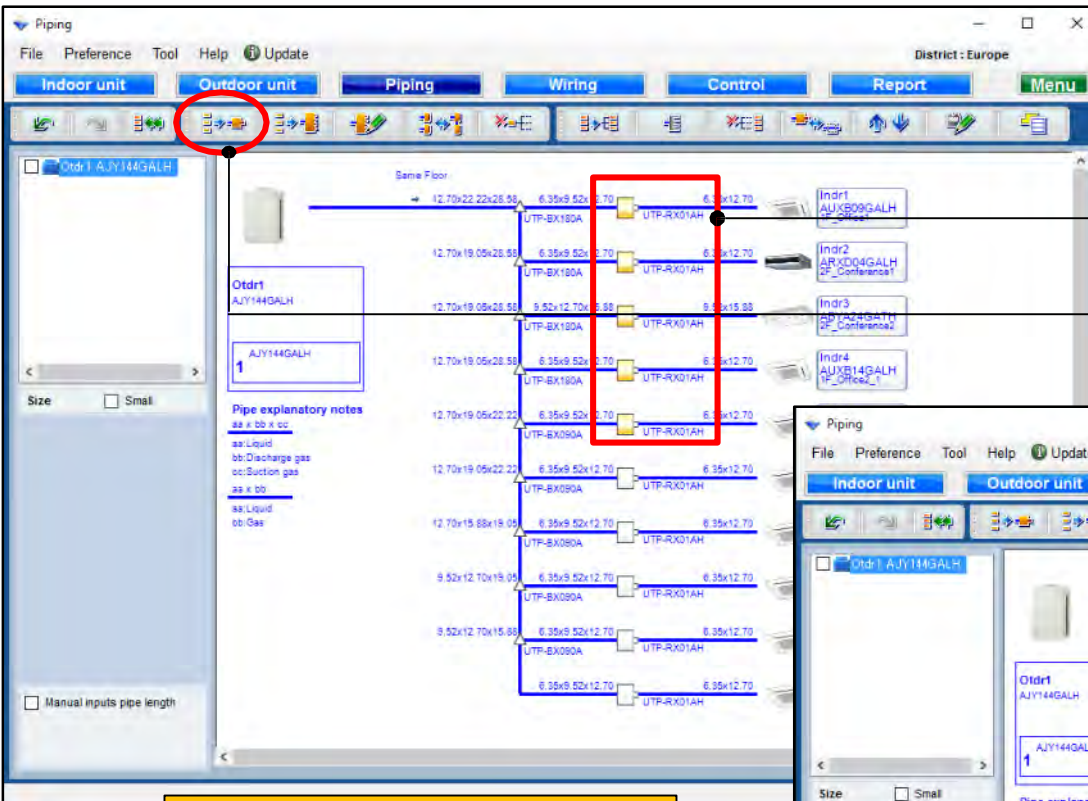
Zaznaczony układ chłodniczy nie może być edytowany na każdym ekranie



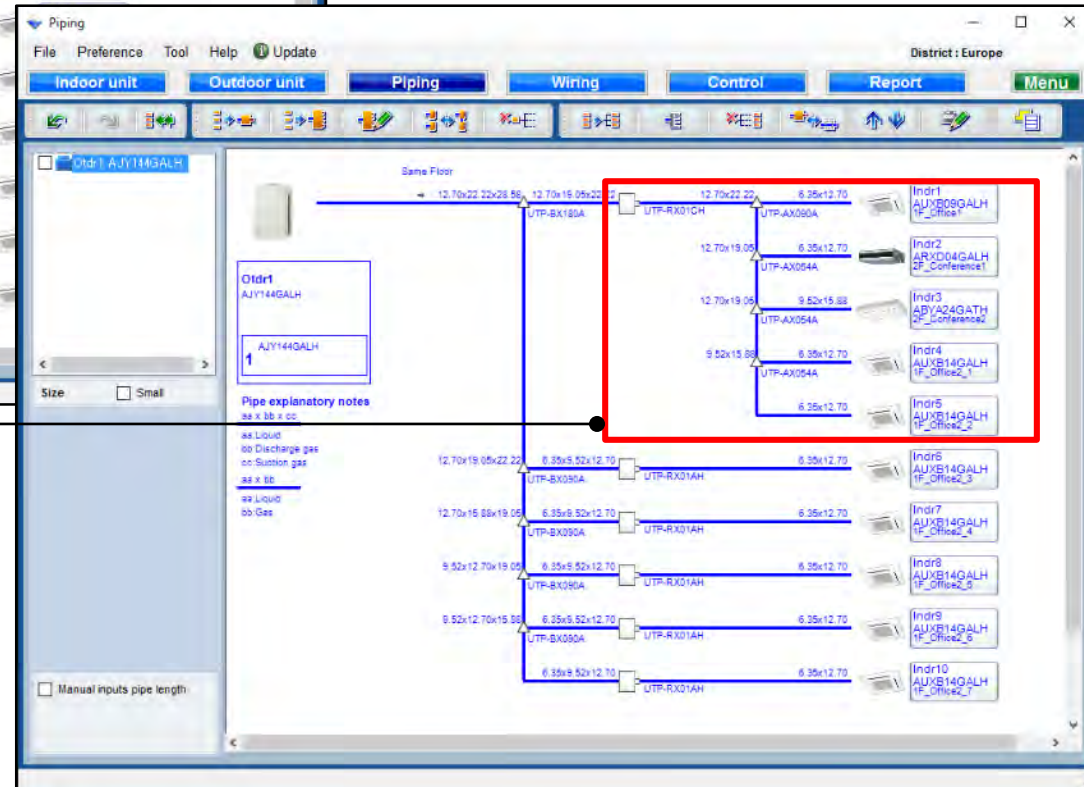
Funkcja pojedynczego rozdzielacza

Zaznacz rozdzielacz

Wybierz „Rozdzielacz pojedynczy”

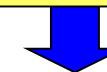


Połączone jednostki

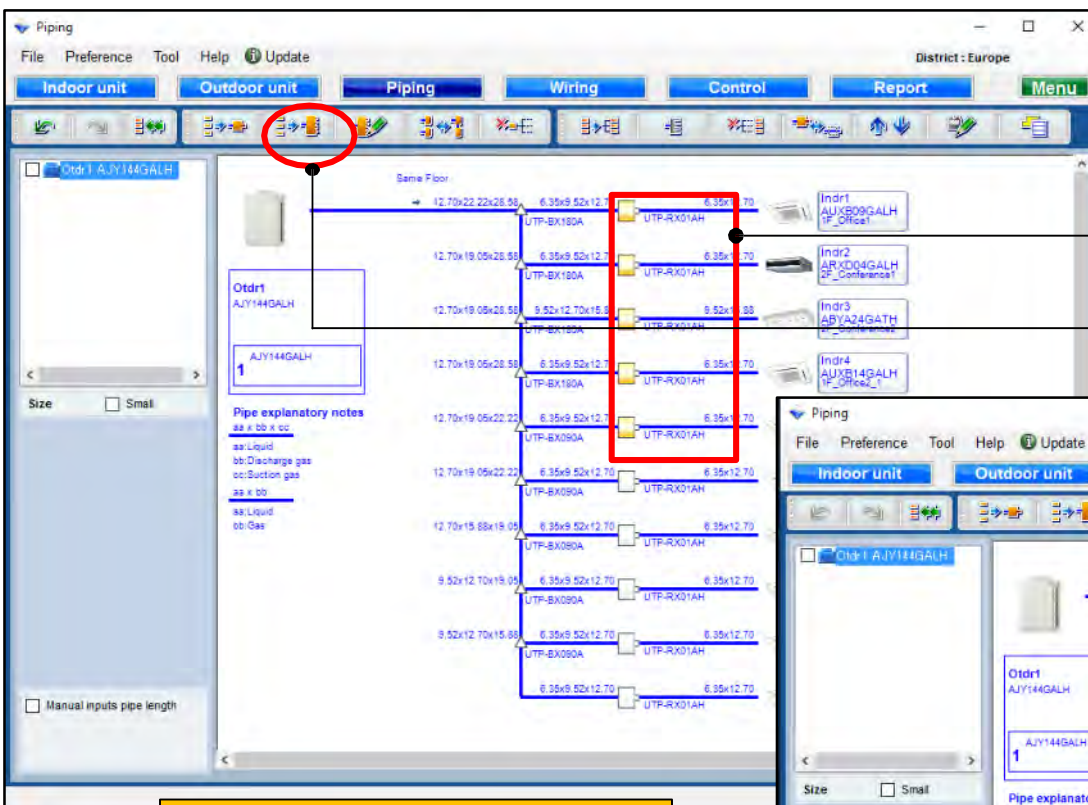


Funkcja rozdzielacza typu multi

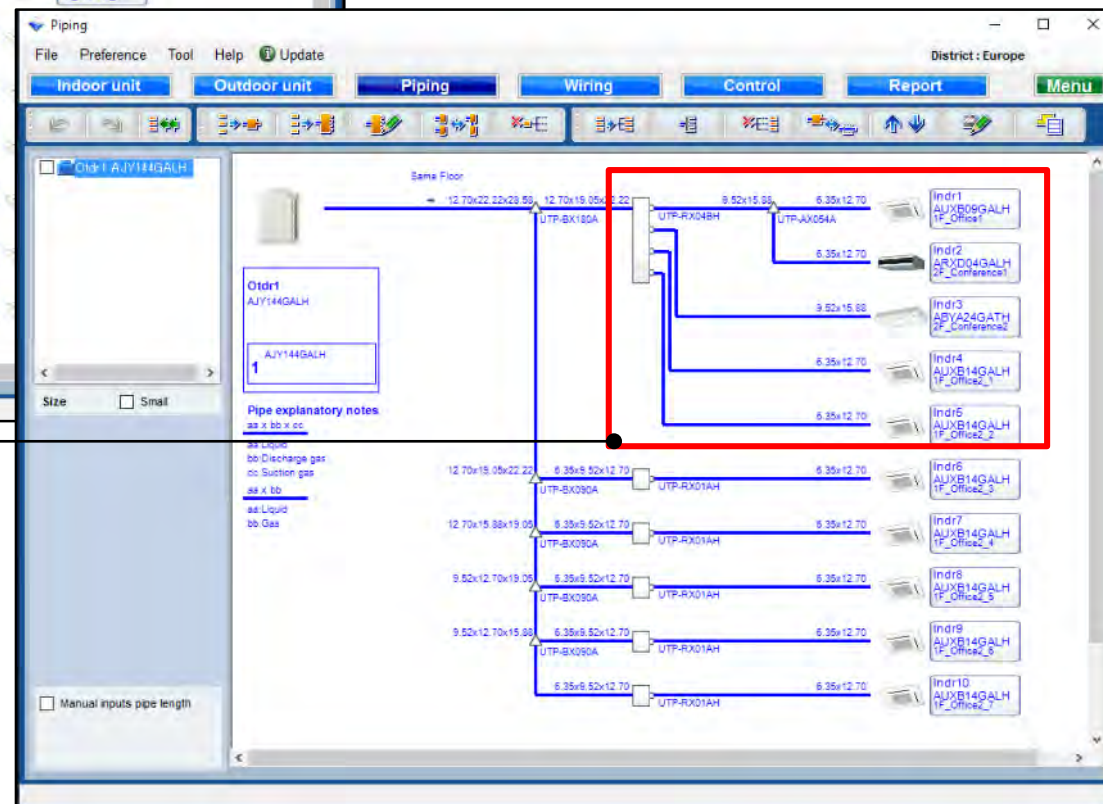
Zaznacz rozdzielacz



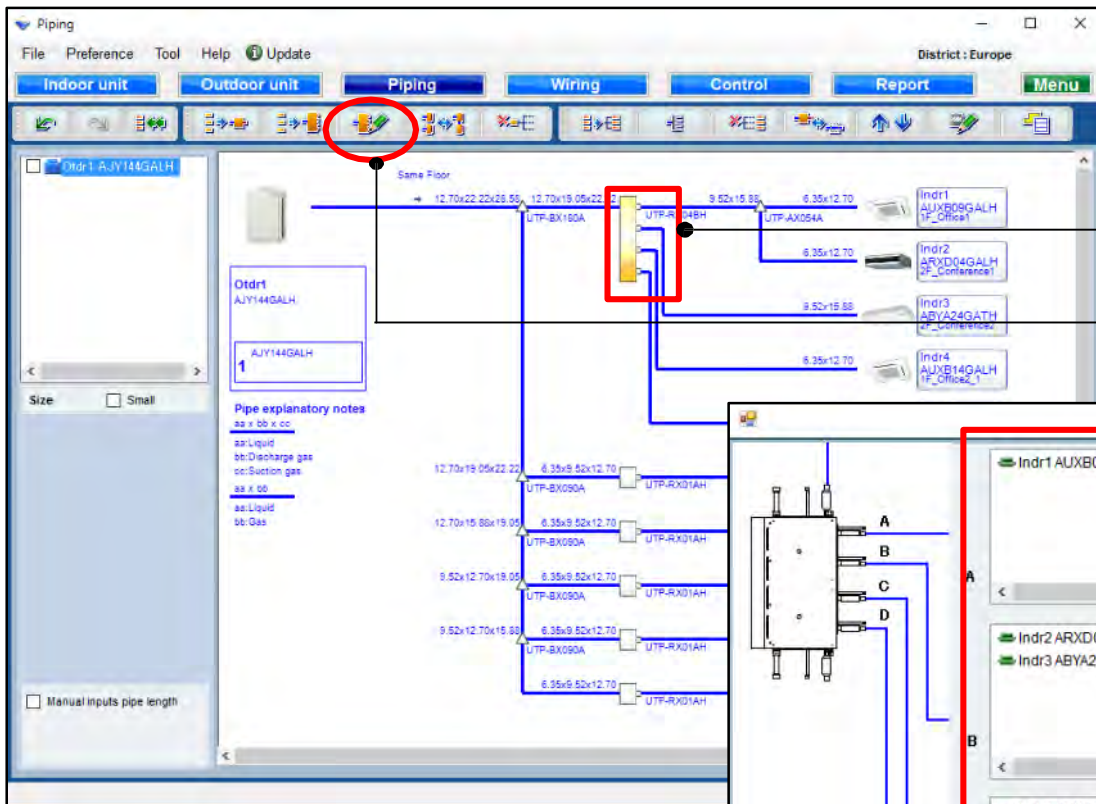
Wybierz „Rozdzielacz multi”



Połączone jednostki



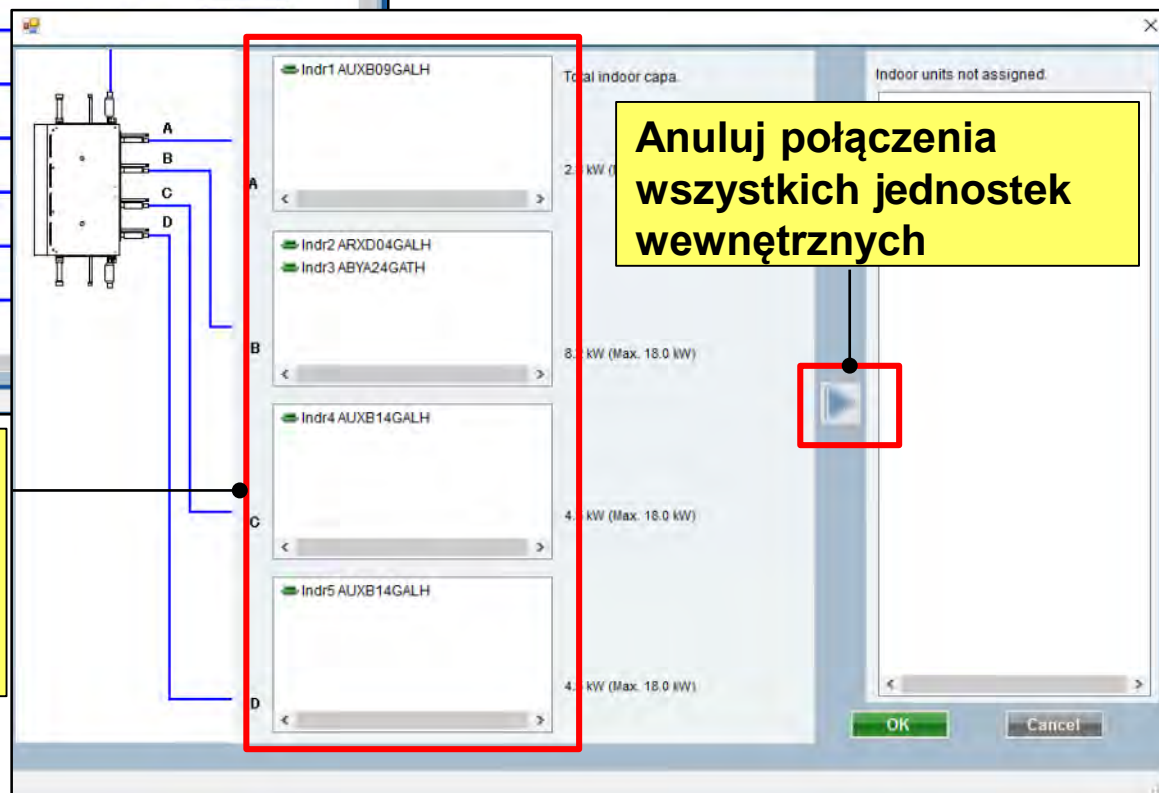
Funkcja tworzenia układu rozdzielacza typu multi



Zaznacz rozdzielacz typu multi

Naciśnij „Układ rozdzielaczy multi”

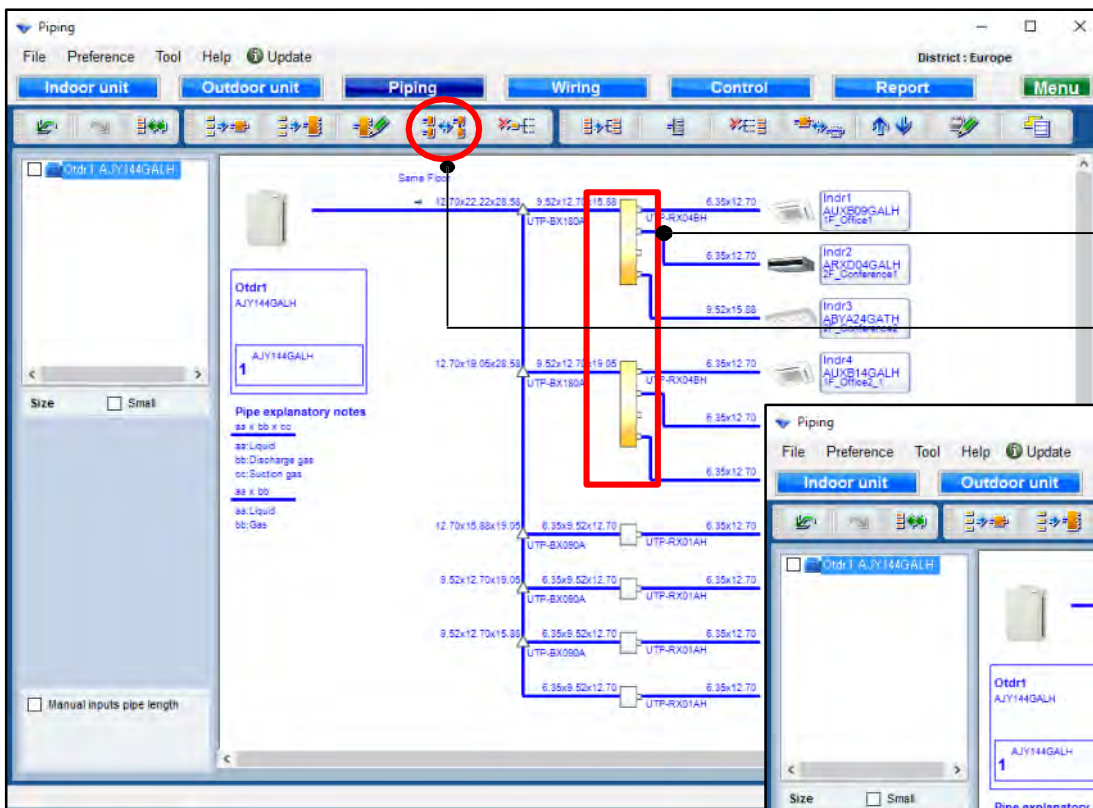
Możliwość zmiany metody połączenia jednostek wewnętrznych przy zastosowaniu rozdzielacza multi.



Anuluj połączenia wszystkich jednostek wewnętrznych

OK Cancel

Funkcja tworzenia układu rozdzielacza typu multi

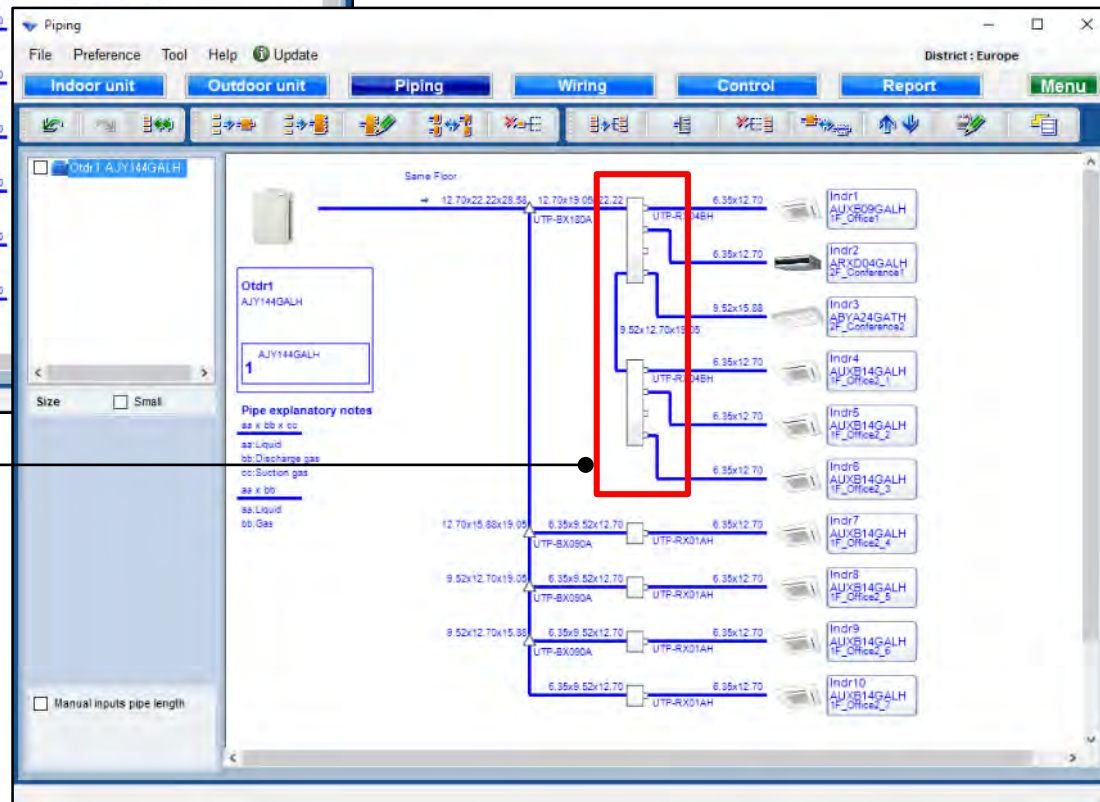


Zaznacz rozdzielacz typu multi

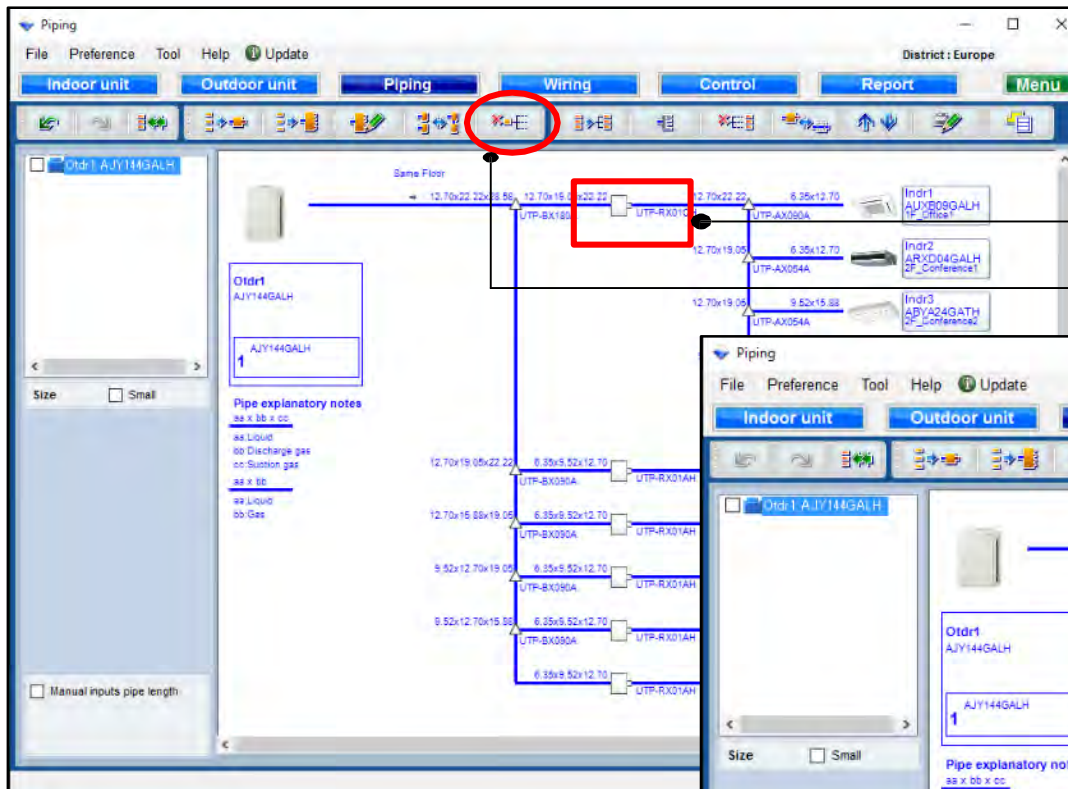


Naciśnij „Połącz rozdzielacze multi”

Połącz dwie grupy rozdzielaczy multi w jedną grupę.



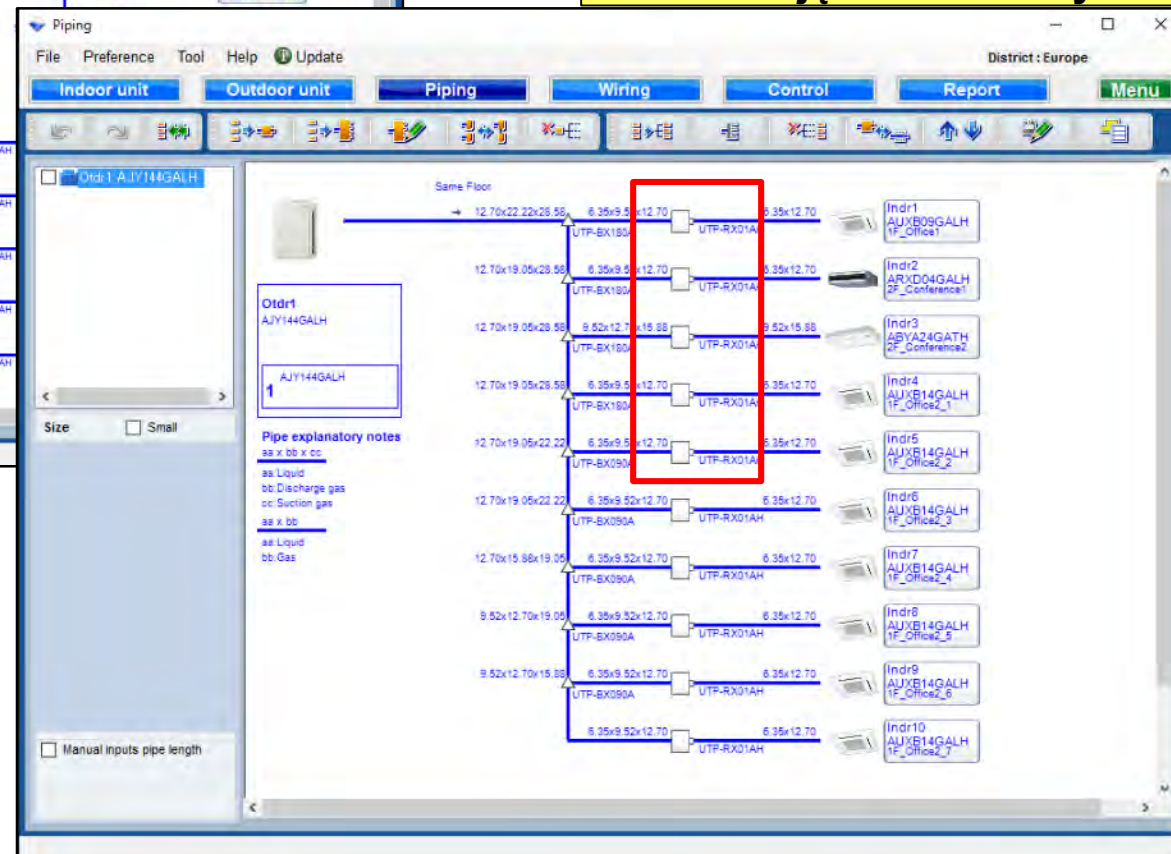
Funkcja rozłączania kombinacji rozdzielaczy



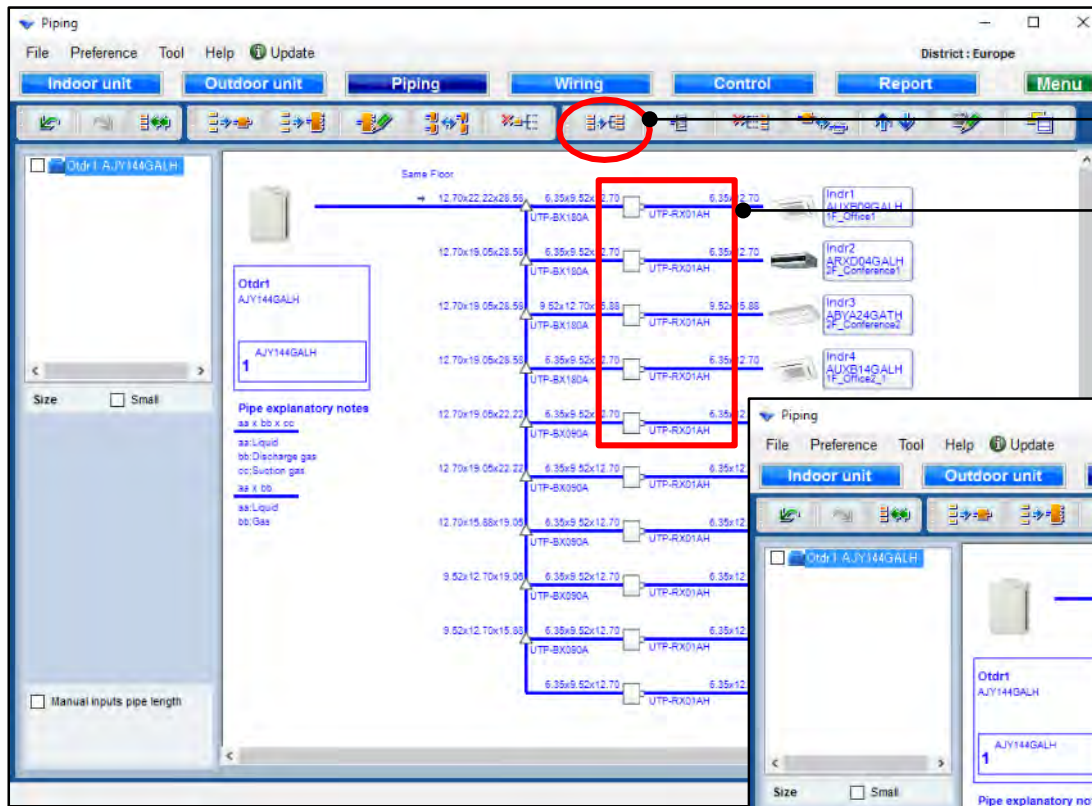
Zaznacz rozdzielacze

Naciśnij „Odłącz kombinację rozdzielaczy...”

Rozłączenie kombinacji
Możliwość rozłączenia
wybranego rozdzielacza
multi lub wszystkich
jednostek podłączonych do
pojedynczego rozdzielacza.



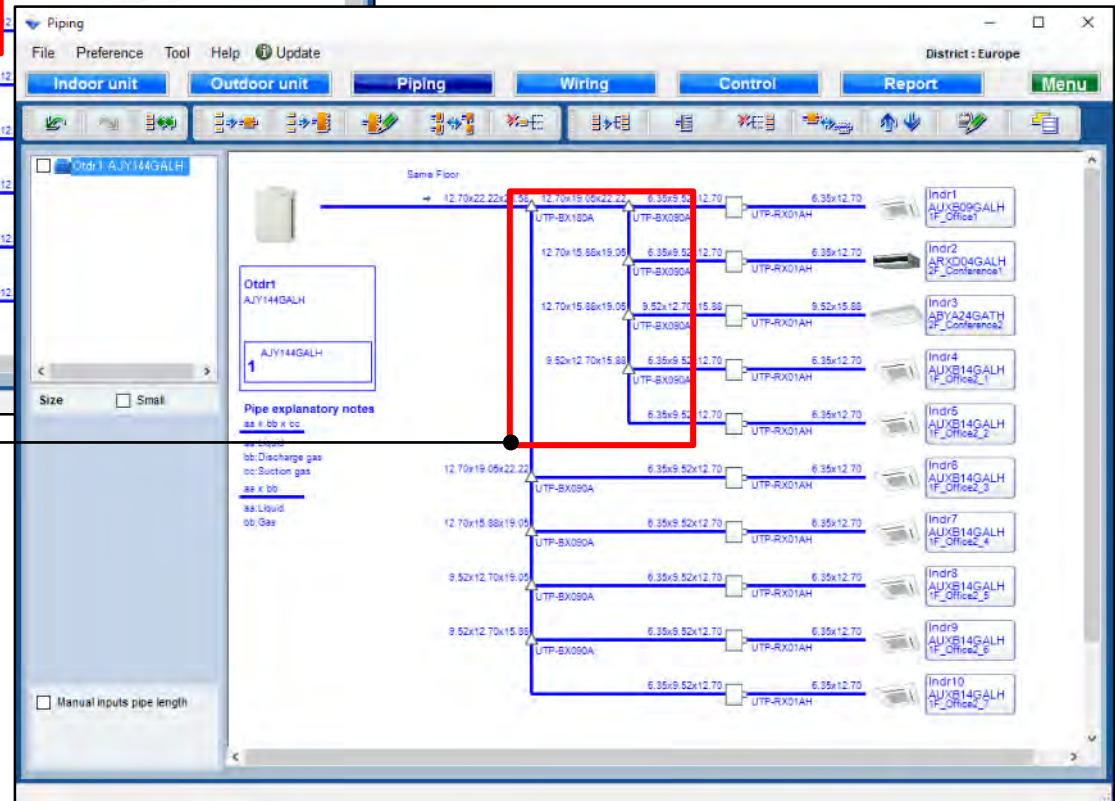
Funkcja łączenia jednostek wewnętrznych



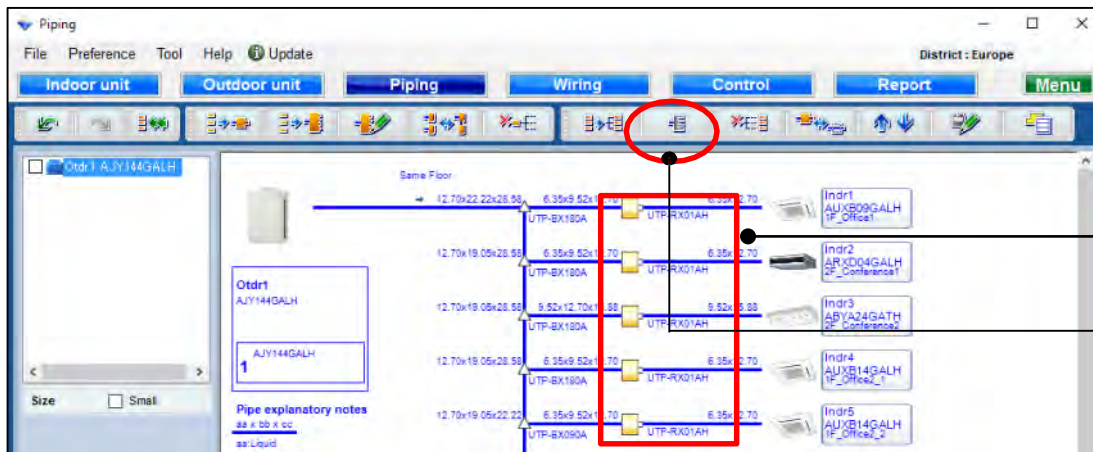
Zaznacz rozdzielacze

Naciśnij „Połącz jedn. wewn.”

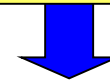
Możliwość wydzielenia tej części



Funkcja dodawania rozgałęźnika

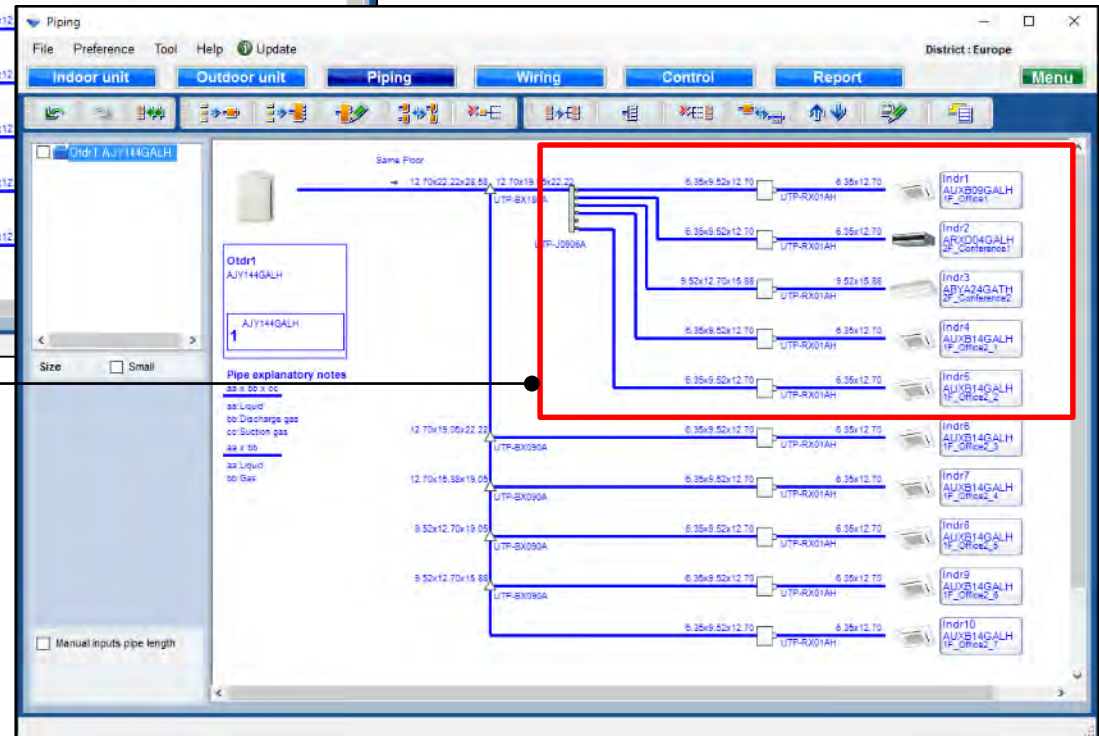


Zaznacz rozdzielacze



Naciśnij „Dodaj rozgałęźnik”

Utworzona kombinacja z rozgałęźnikiem



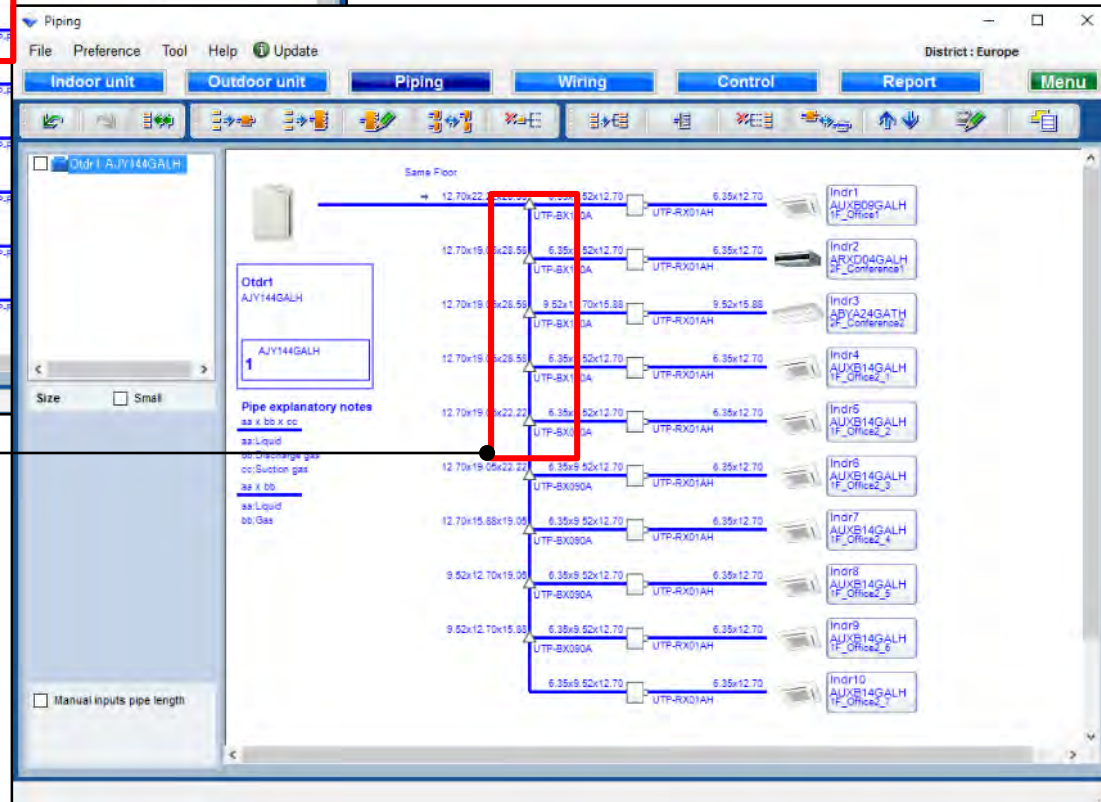
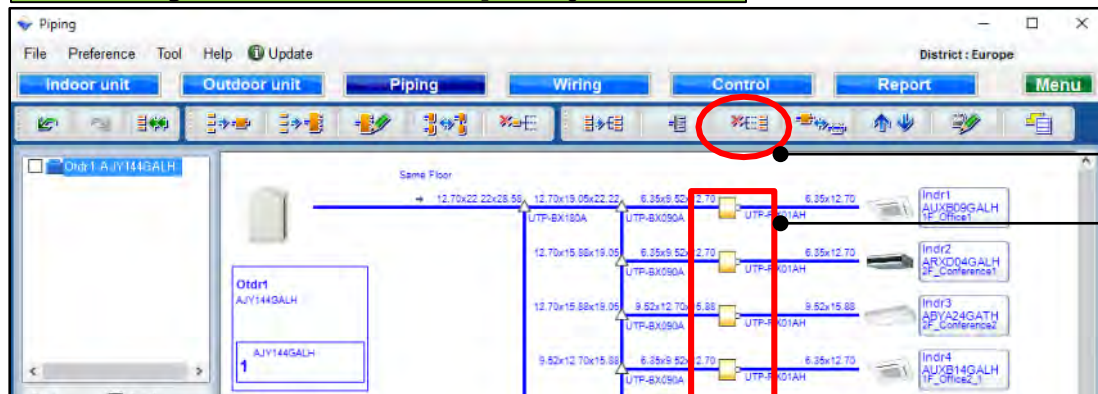
Funkcja kasowania połączenia

Zaznacz rozdzielacze



Naciśnij „Usuń połączenie”

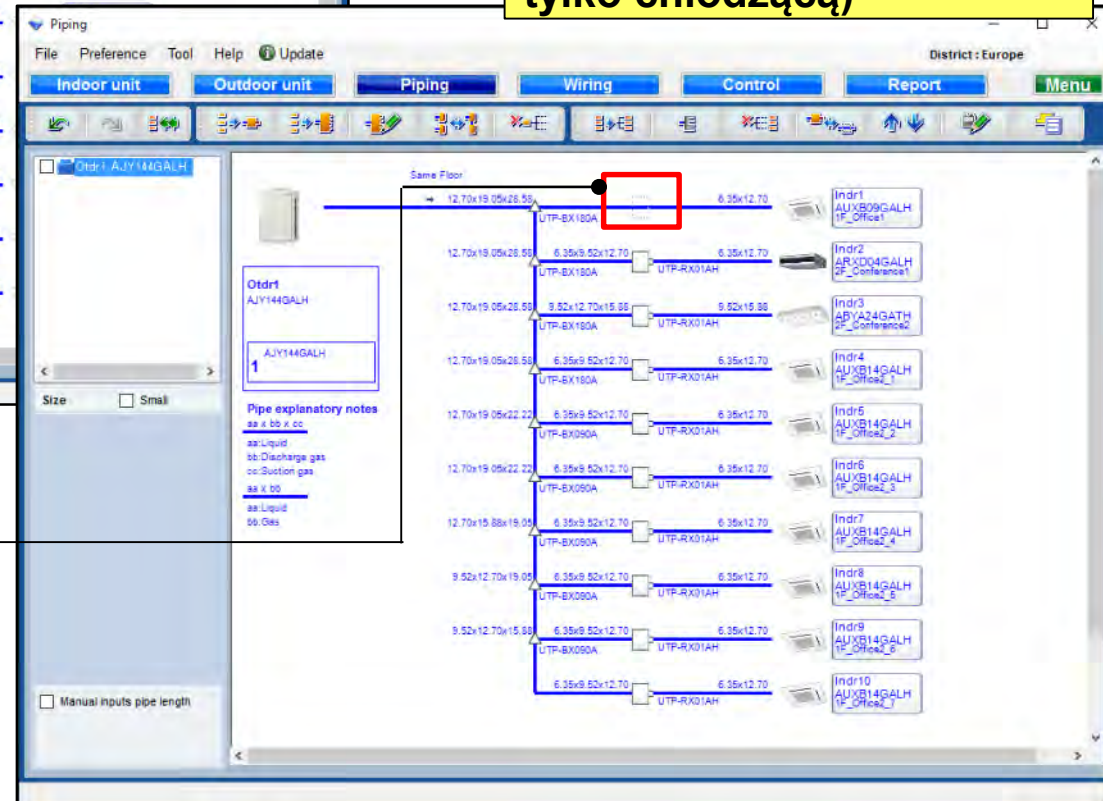
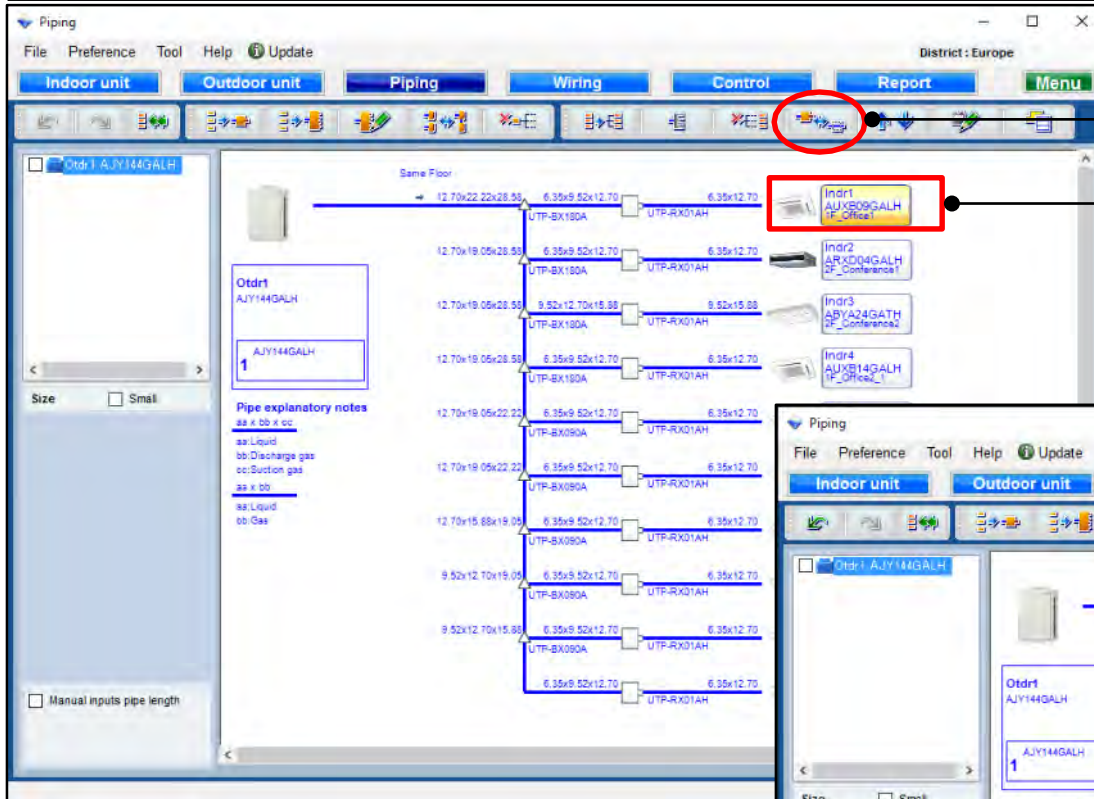
Usunięcie kombinacji



Funkcja odłączania rozdzielacza pojedynczego

Wybierz jednostkę wewnętrzną

Naciśnij „Odłącz rozdzielacz pojedynczy (pozostaw jedn. wewn. tylko chłodzącą)”



Zamiana na urządzenia pracujące tylko w trybie chłodzenia możliwa jest poniżej 50% wydajności wszystkich jednostek wewnętrznych.

Funkcja przesuwania w górę kombinacji jednostek wewnętrznych

Naciśnij „Przesuń jedn. wewn. w górę”

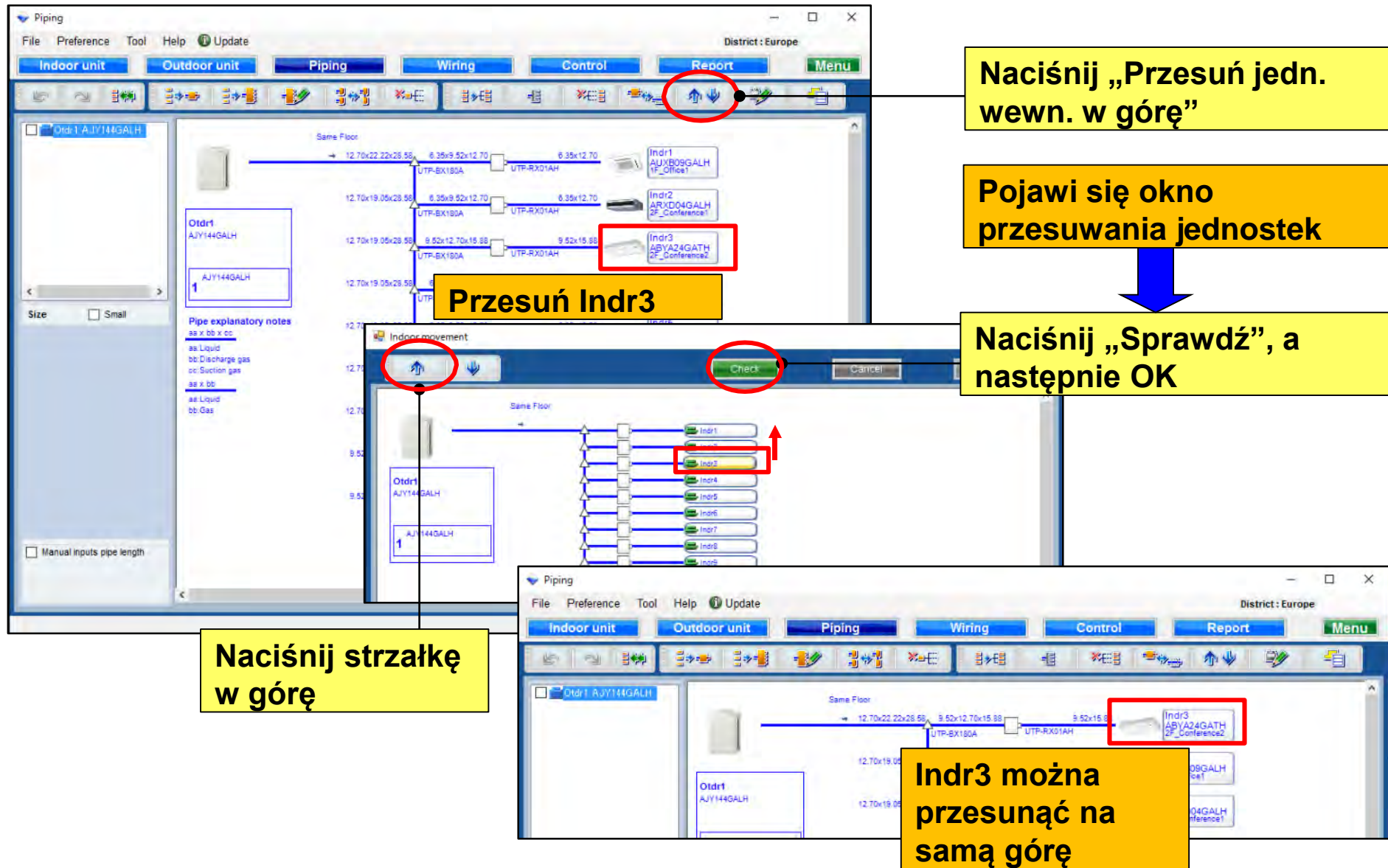
Pojawi się okno przesuwania jednostek

Naciśnij „Sprawdź”, a następnie OK

Przesuń Indr3

Naciśnij strzałkę w górę

Indr3 można przesunąć na samą górę

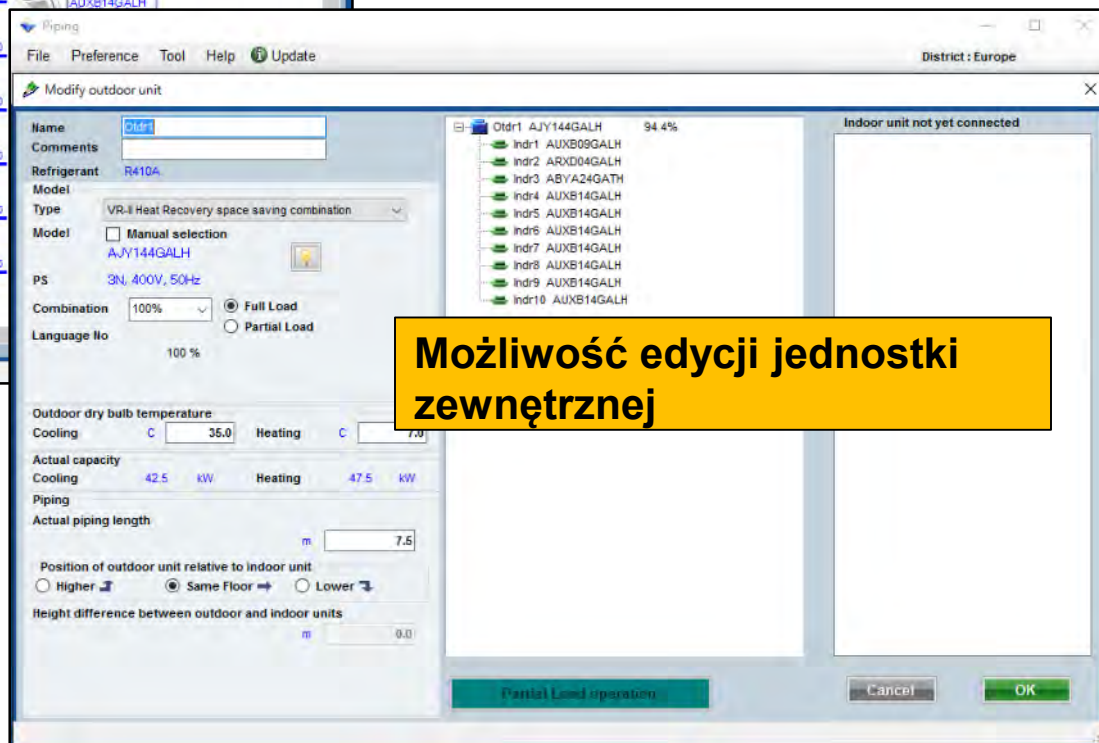


Funkcja edycji jednostki zewnętrznej lub wewnętrznej



Naciśnij „Modyfikuj jednostkę zewn. lub wewn.”

Wybierz jednostkę wewn.



Możliwość edycji jednostki zewnętrznej

Po zaznaczeniu jednostki wewnętrznej i naciśnięciu przycisku „Modyfikuj jednostkę zewn. lub wewn.” możliwa będzie edycja jednostki wewnętrznej.

Funkcja wklejania

Możliwość wklejenia jedn. wewn.

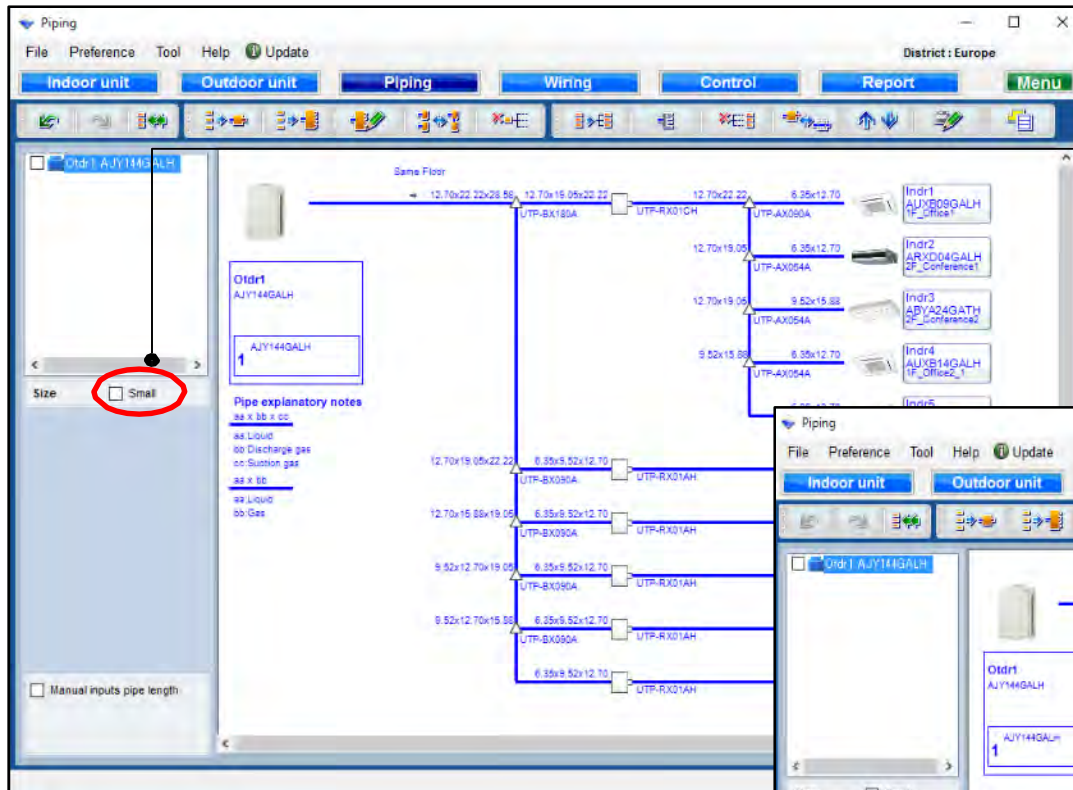
Zaznacz jednostkę wewn.

Naciśnij „Usuń, wklej lub cofnij”

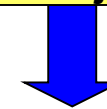


Ustal pozycję wklejenia zaznaczonej jednostki wewnętrznej.

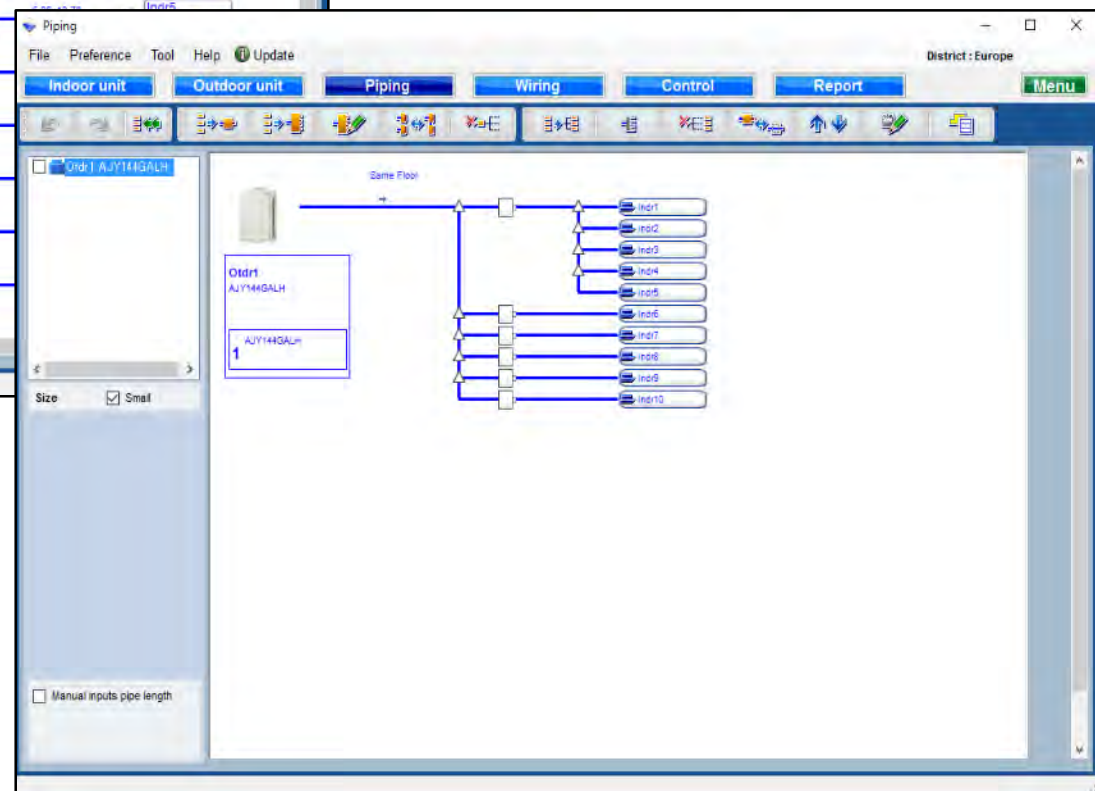
Funkcja zmniejszonego widoku



Zaznacz „Zmniejsz”

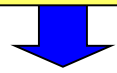


Widok zostanie pomniejszony

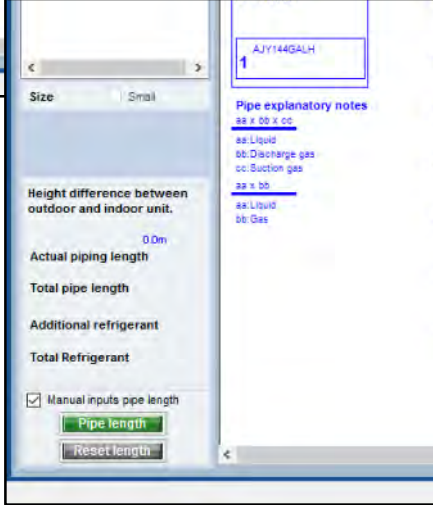
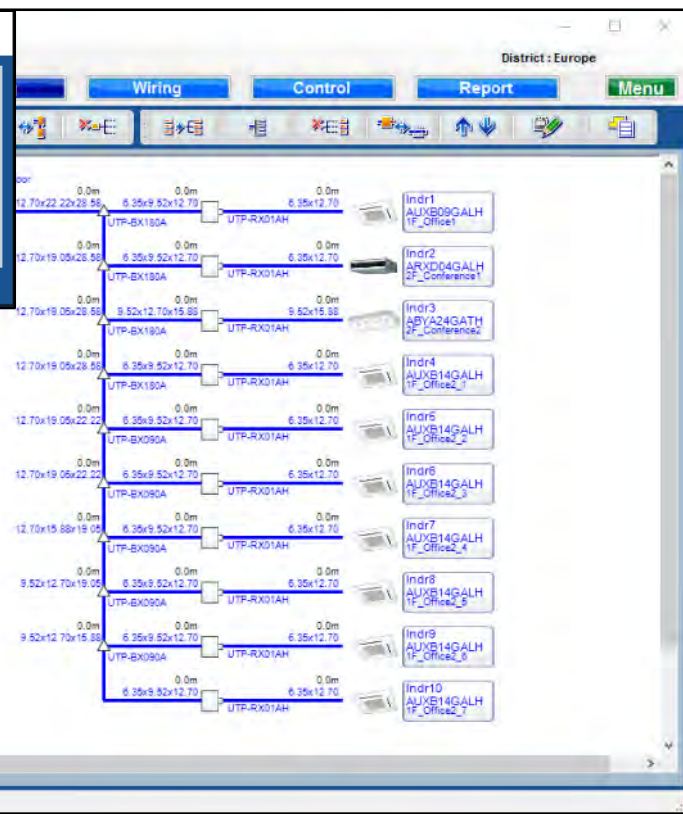
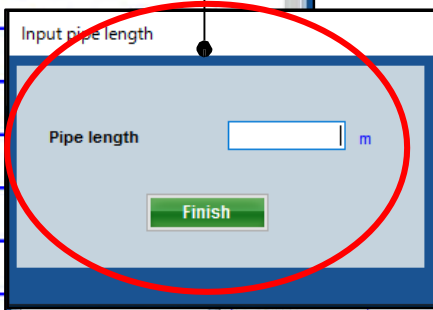
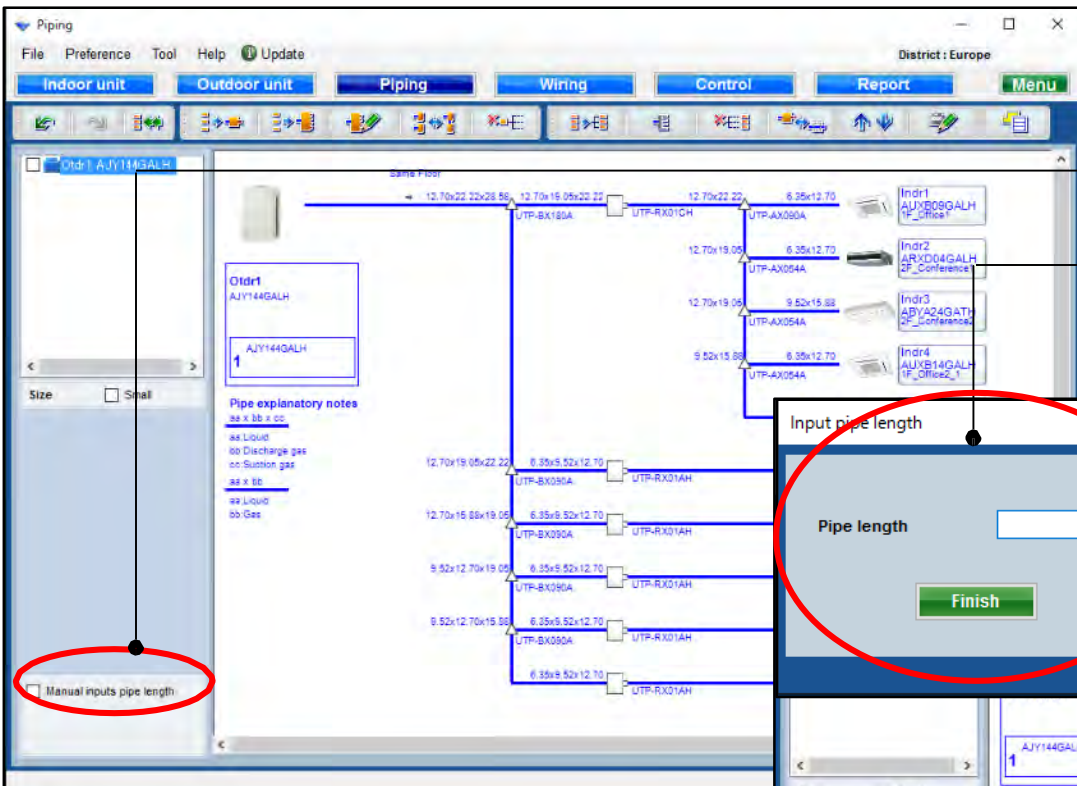


Ręczne wprowadzanie długości instalacji (1/4)

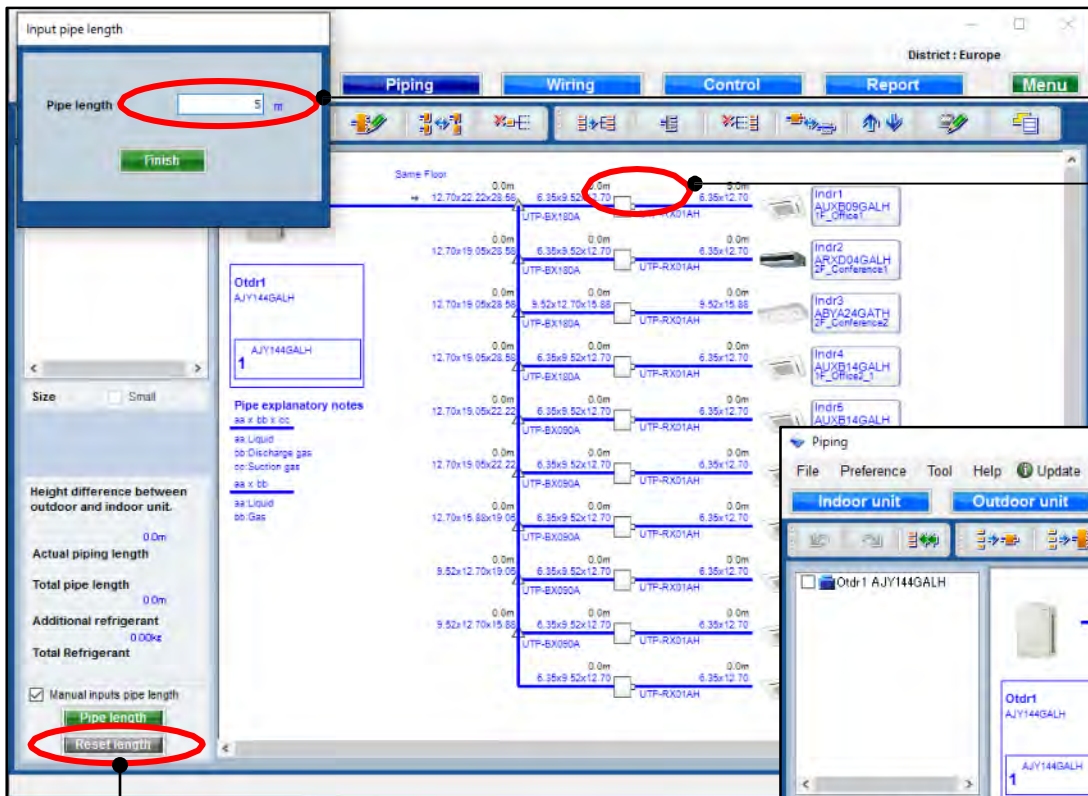
Zaznacz „Wprowadź ręcznie długość rury”



Pojawi się okno z możliwością podania długości rury



Ręczne wprowadzanie długości instalacji (2/4)

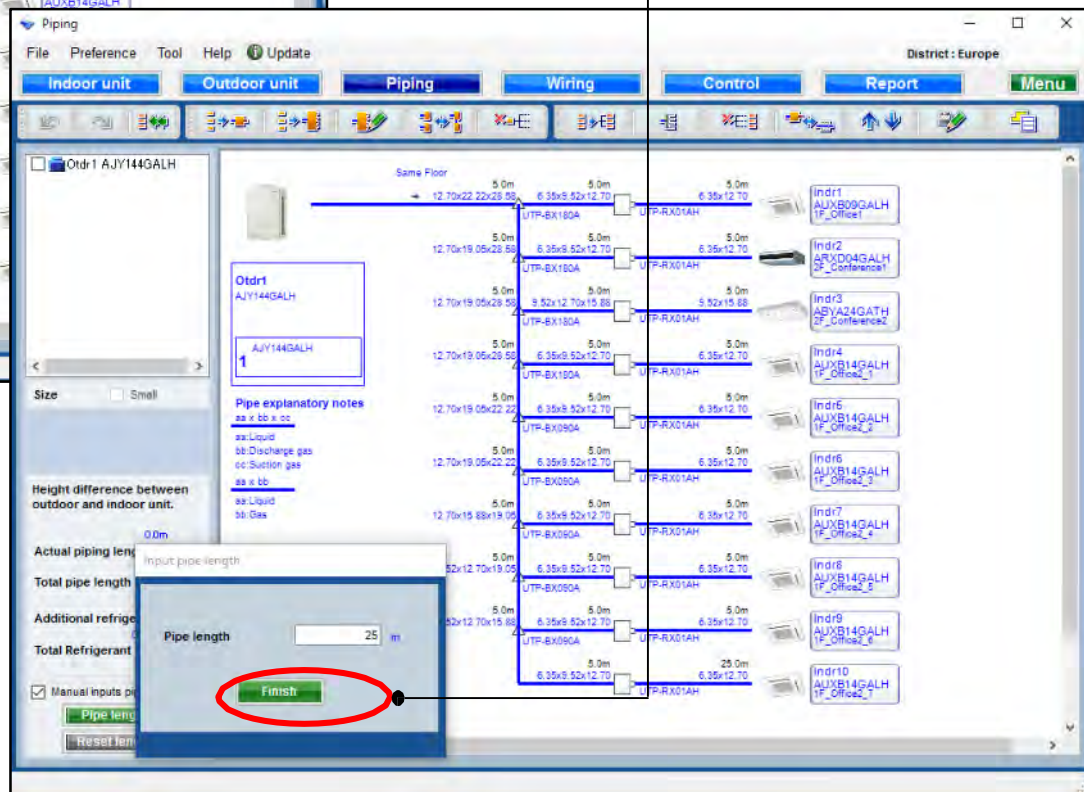


Wpisz długość rury

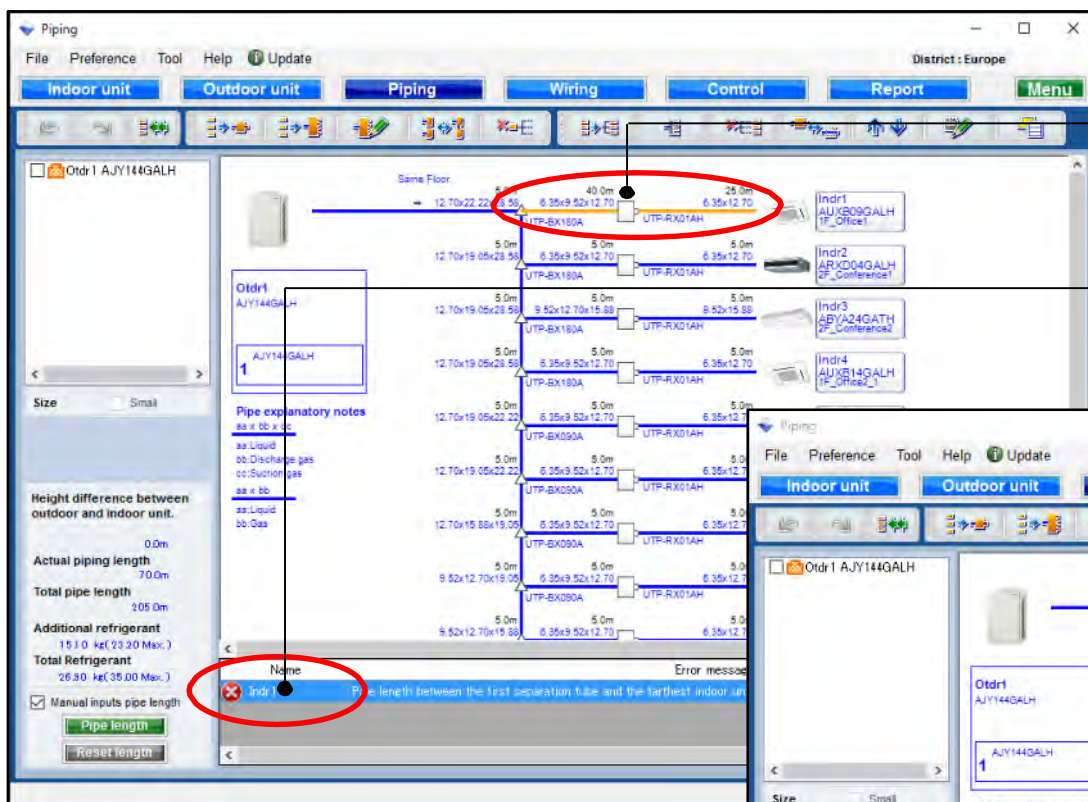
Kliknij na każdą z rur

Po zarejestrowaniu wszystkich długości naciśnij „Zakończ”

Przywróć wszystkie wprowadzone długości do wartości początkowej

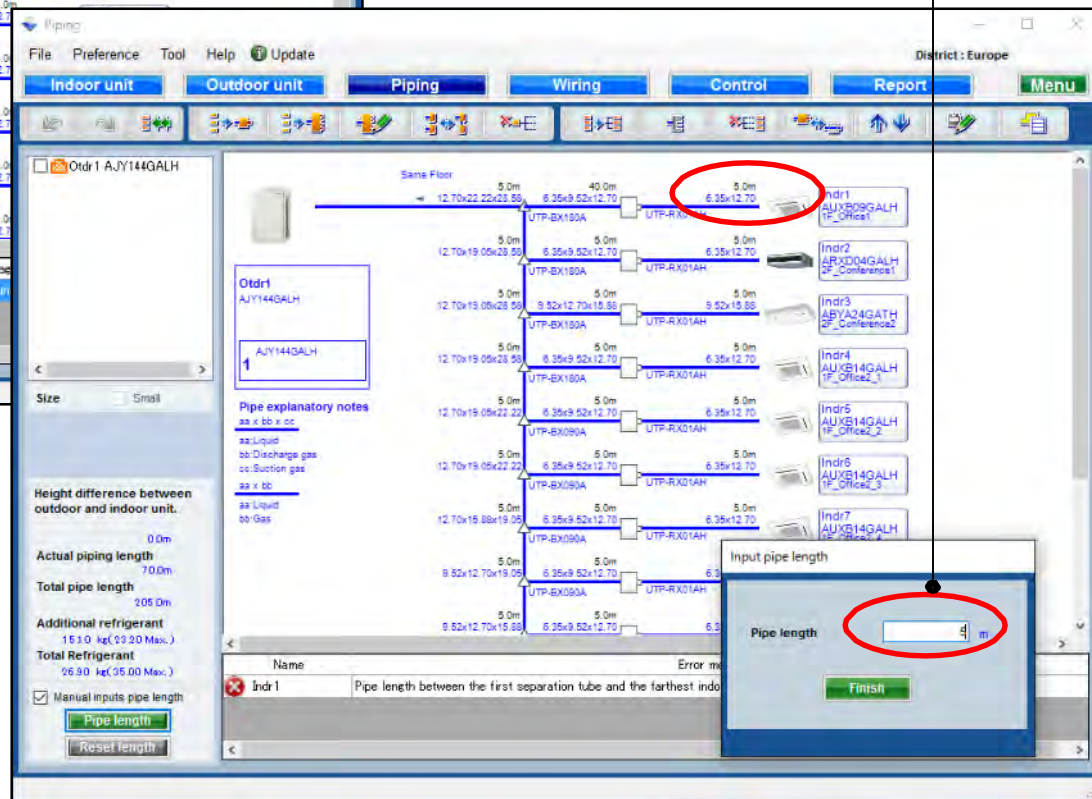


Ręczne wprowadzanie długości instalacji (3/4)



Jeżeli nie podano wszystkich długości lub przekroczono dopuszczalne limity, wyświetlony zostanie komunikat o błędzie.

Ponów operację i naciśnij „Zakończ”



Ręczne wprowadzanie długości instalacji (4/4)

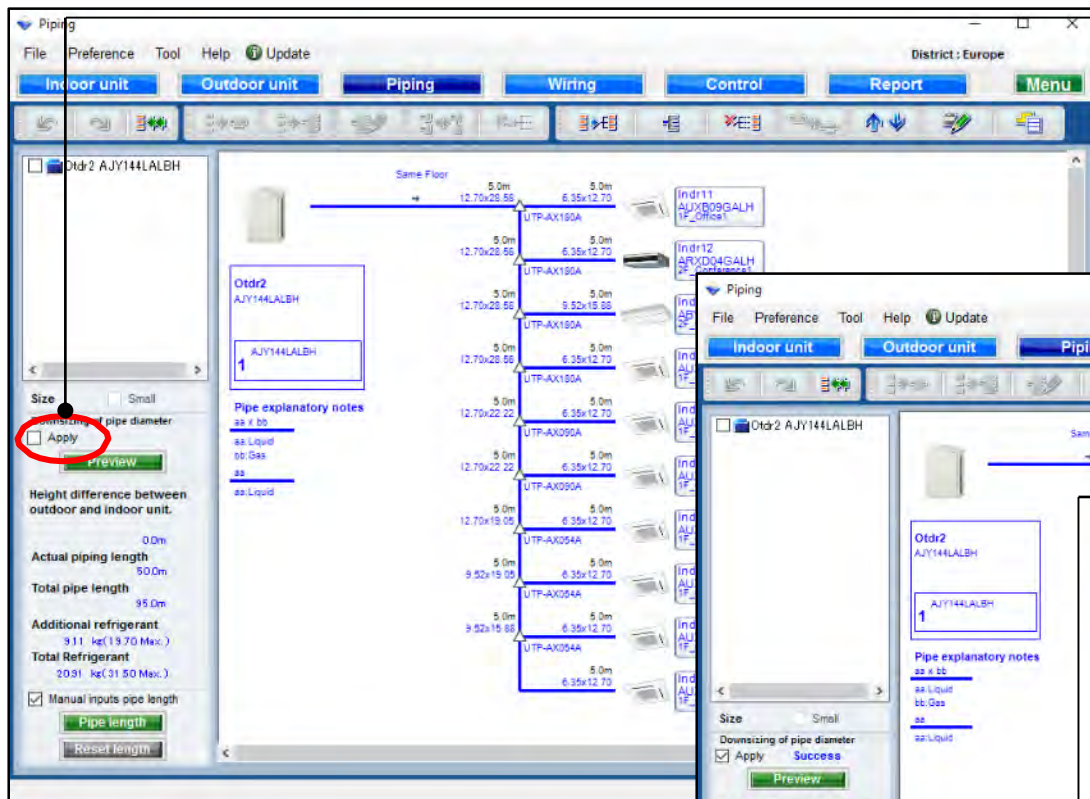
The screenshot shows the 'Piping' software interface. The main workspace displays a refrigeration system layout on 'Same Floor'. It features a vertical main pipe with several horizontal branches connecting to indoor units (Indr1 to Indr7). Pipe specifications like '12.70x19.05x28.58' and '6.35x9.52x12.70' are visible. The left-hand panel shows the configuration for 'Otdr1 AJY144GALH'. It includes a 'Pipe explanatory notes' section with codes 'aa: Liquid', 'bb: Discharge gas', and 'cc: Suction gas'. Below this, there are fields for 'Actual piping length' (60.0m), 'Total pipe length' (185.0m), 'Additional refrigerant' (14.68 kg), and 'Total Refrigerant' (26.48 kg). The 'Manual inputs pipe length' checkbox is checked, and there are 'Pipe length' and 'Reset length' buttons.

**Czynna długość orurowania:
długość zadeklarowana i zarejestrowana**

**Dodatkowa ilość doładowania czynnika jest
automatycznie obliczana i wyświetlana.**

Redukcja średnicy rury (1/2)

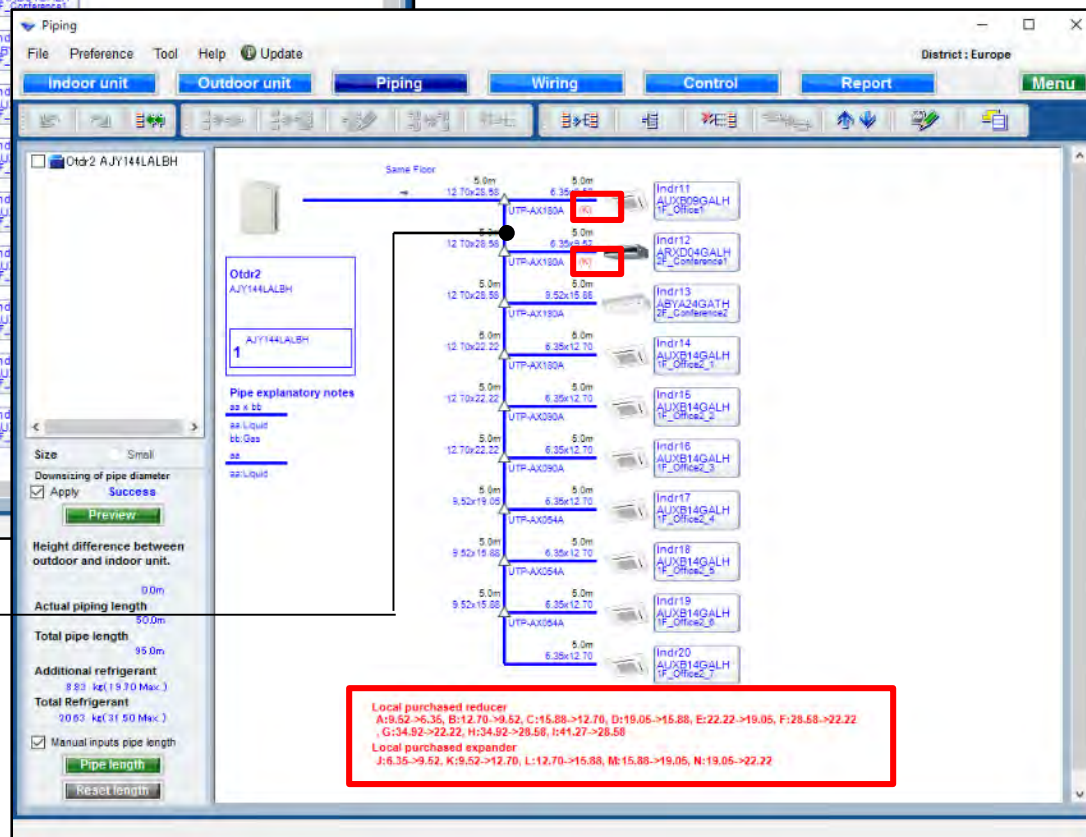
*Tylko seria V-III w dostępnych regionach



Zaznacz „Zastosuj”



Redukcja średnicy rury



Jeżeli zastosowanie redukcji jest niezbędne, wyświetlony zostanie komunikat.

Redukcja średnicy rury (2/2)

The screenshot shows the 'Piping' window in the Design Simulator. The main workspace displays a piping diagram for 'Same Floor' with various pipe segments and indoor units (Indr11 to Indr20). The left sidebar contains a 'Preview' button, which is circled in red. Below the diagram, there are sections for 'Local purchased reducer' and 'Local purchased expander' with their respective specifications.

Naciśnij „Podgląd”

Okno „Redukcja średnicy rury”

The 'Downsizing of pipe diameter' dialog box displays a table with the following data:

Pipe Size (mm)	Normal (m)	Downsizing (m)	Difference (m)
6.35	45.0	45.0	0.0
9.52	15.0	30.0	15.0
12.70	80.0	65.0	-15.0
15.88	10.0	15.0	5.0
19.05	10.0	5.0	-5.0
22.22	10.0	15.0	5.0
28.58	20.0	15.0	-5.0
Downsized pipe length			25.0
Refrigerant (kg)	9.11	8.83	0.28

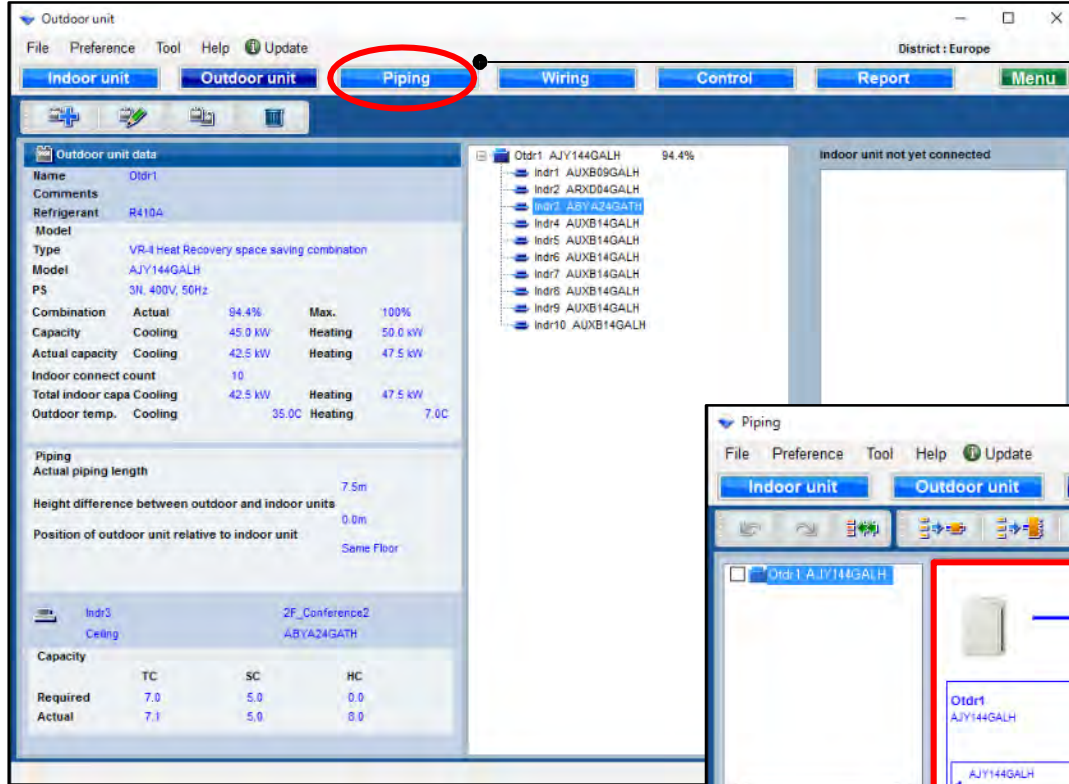
Below the table, the text reads: "If you input the lengths of the pipes and their length are based on the following condition, you can downsize the pipe size."

- Between outdoor unit to outdoor unit branch kit ,
Between outdoor unit branch kits or outdoor unit branch kit to first separation tube :
The length between master out door unit and the farthest indoor unit should be 70.0m or less.
- Between separation tubes :
The length between master out door unit and the farthest indoor unit should be 120.0m or less,
and the length between the first separation tube and the farthest indoor unit should be 60.0m or less.
- Between separation tube to indoor unit :

Wyświetla różnicę przed i po redukcji średnicy rury i ilości czynnika.

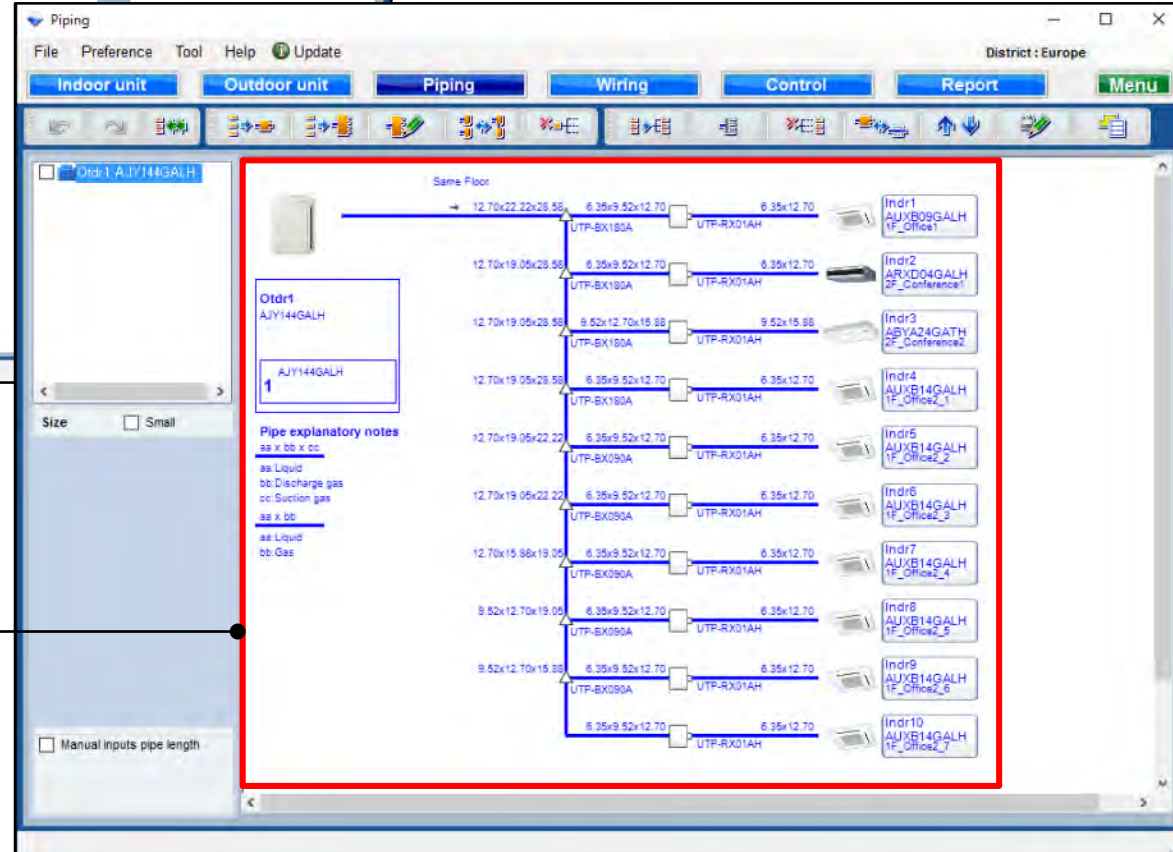
Borulama ayarları

Dizayn Simülâtör



“Borulama” seç

Boru sistemi diyagramı oluşturma

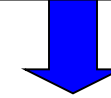


Boru çapı, dış ünitenin model isimleri, iç üniteler ve Bağlantı birimleri görüntülenir.

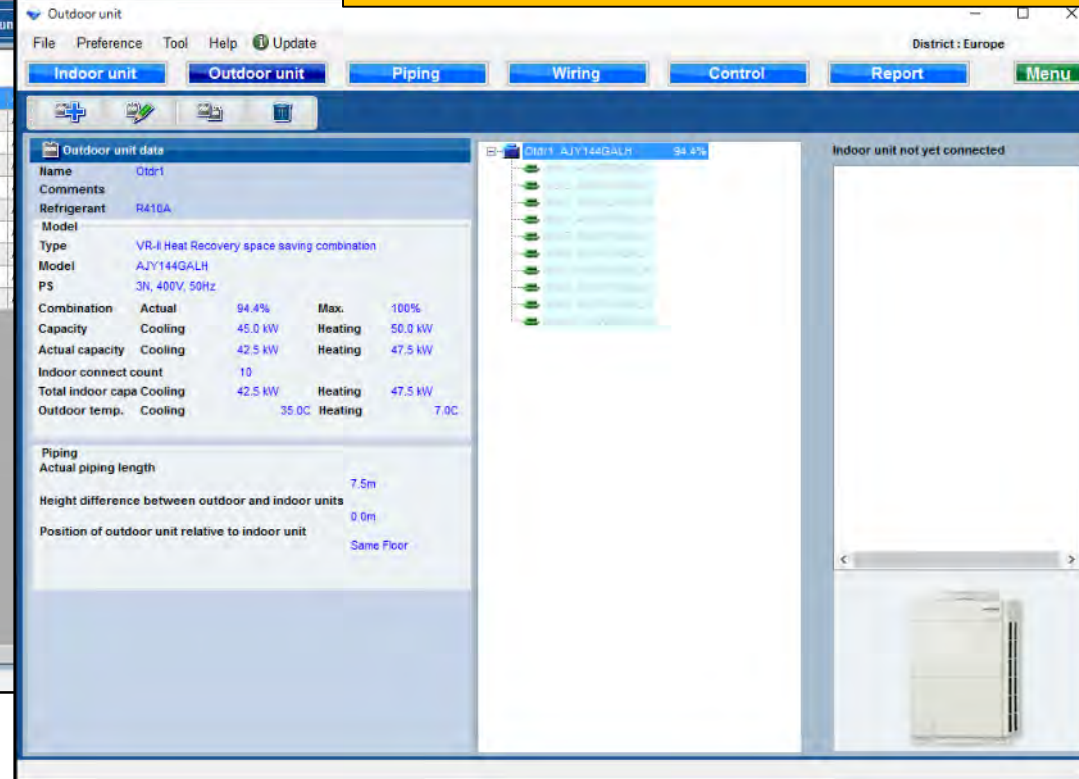
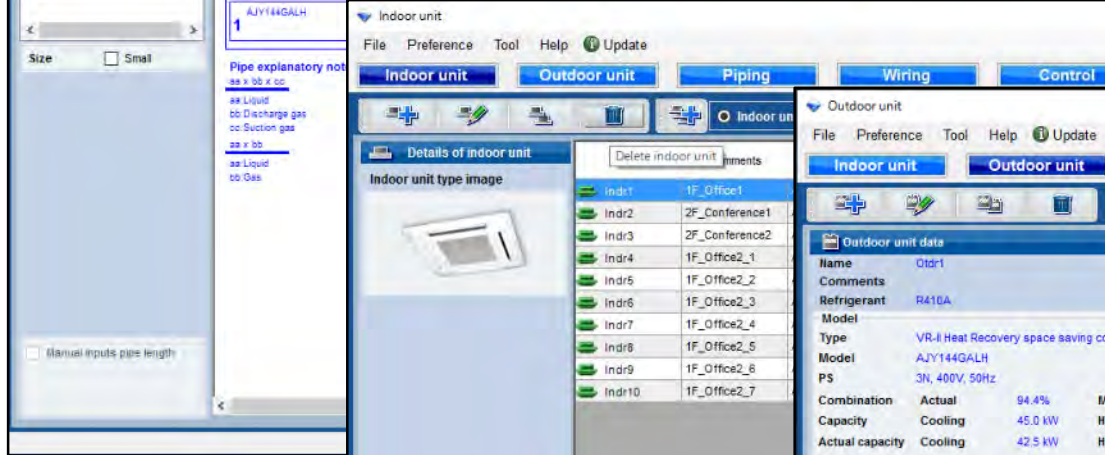
Soğutucu akışkan sistemi doğrulama fonksiyonu



Soğutucu sistemi kontrol edin.



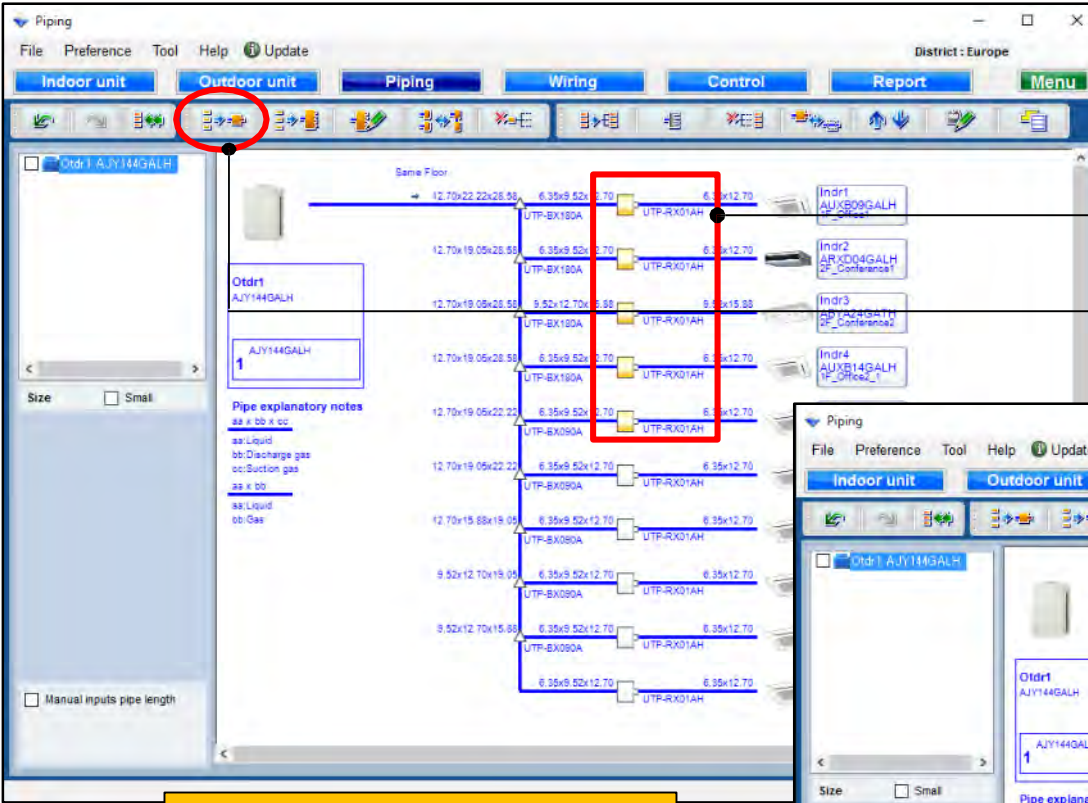
Kontrol edilen soğutucu akışkan sistemi her bir ekranda düzenlenemez.



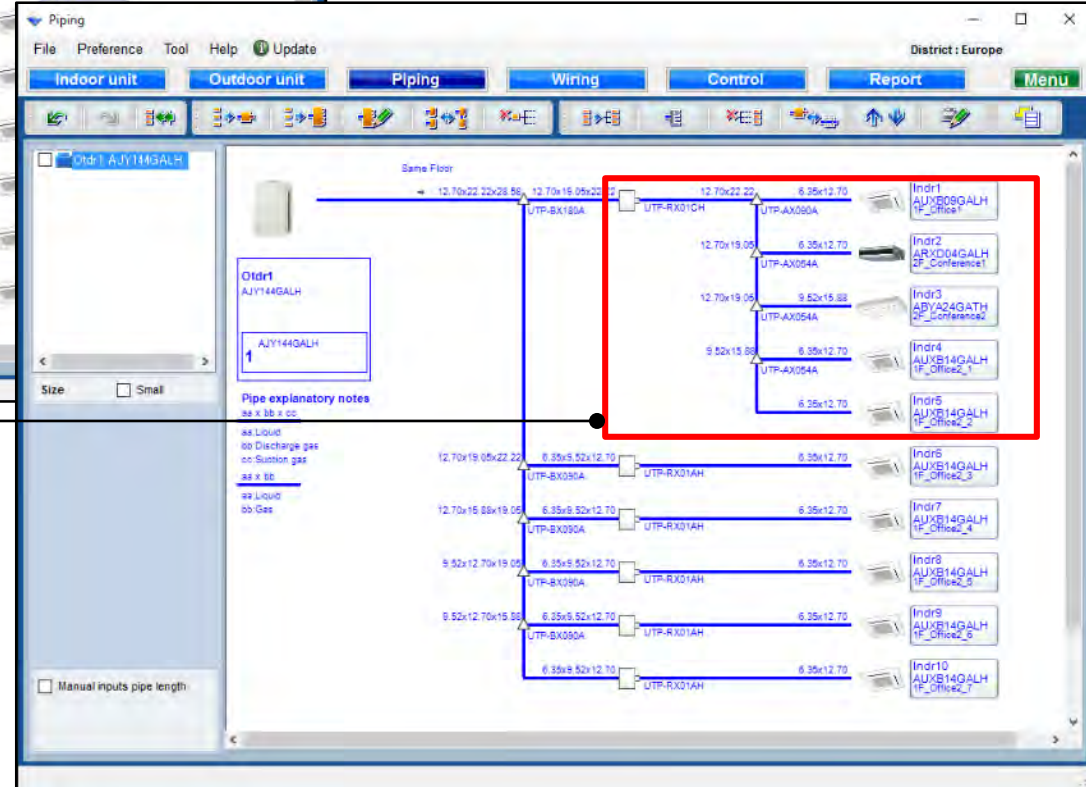
RB Single fonkiyon

RB units seç

“RB Single” seç



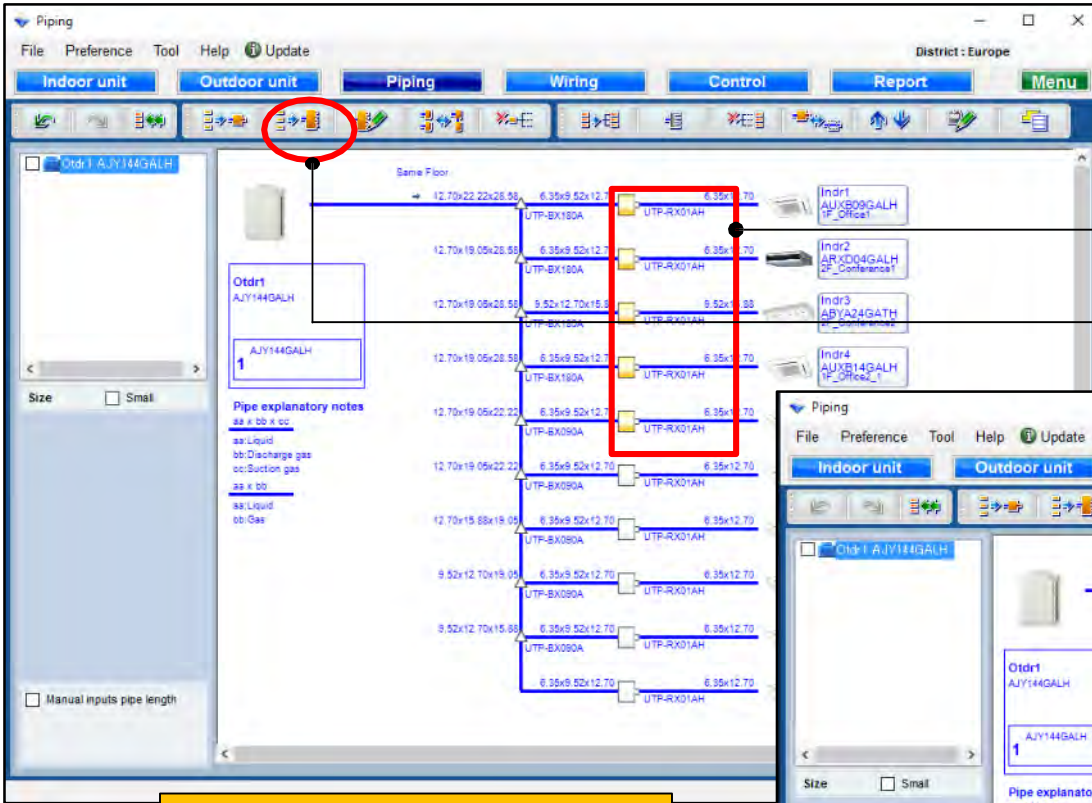
İç ünite birleştirmek



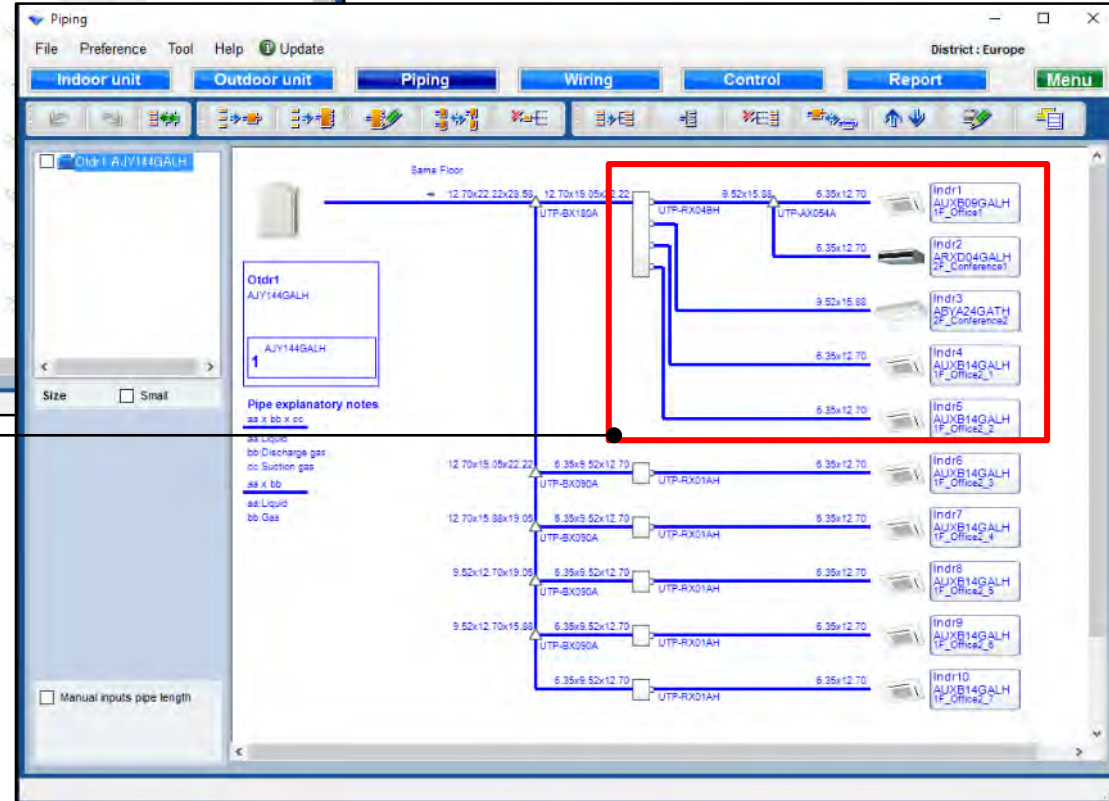
RB multi fonksiyon

RB units seç

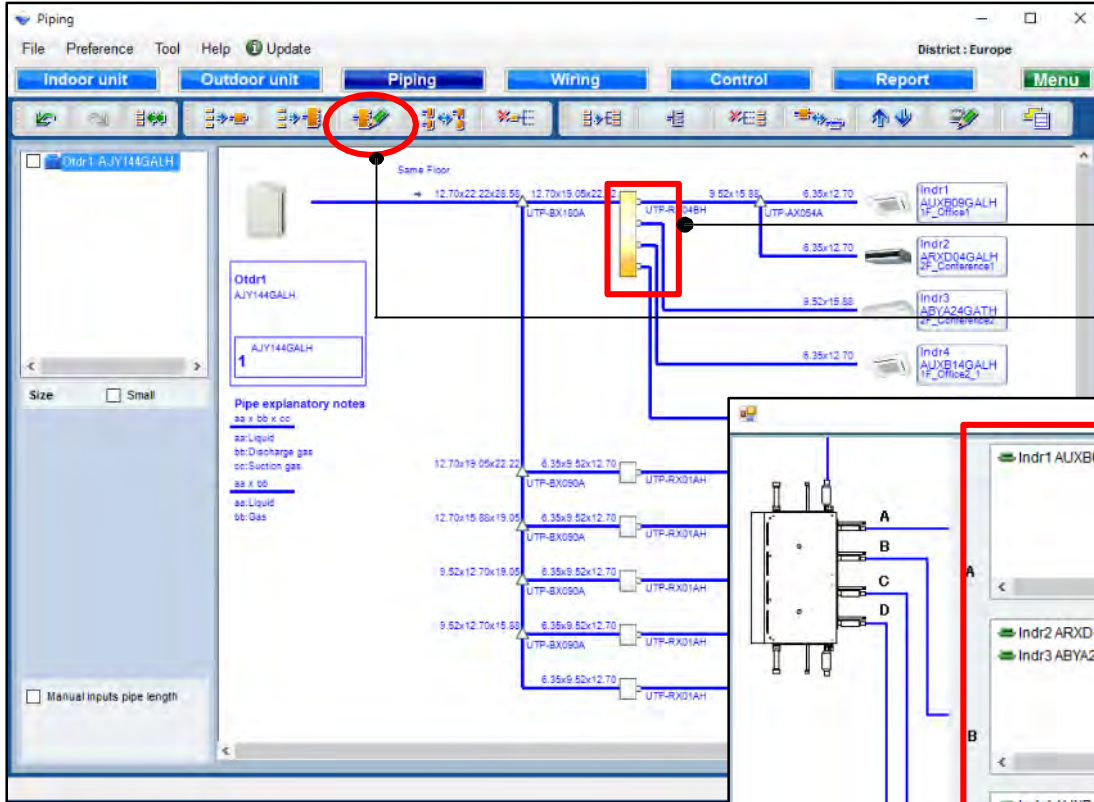
"RB multi" seç



İç ünite birleştirmek



RB multi birleştirme fonksiyonu

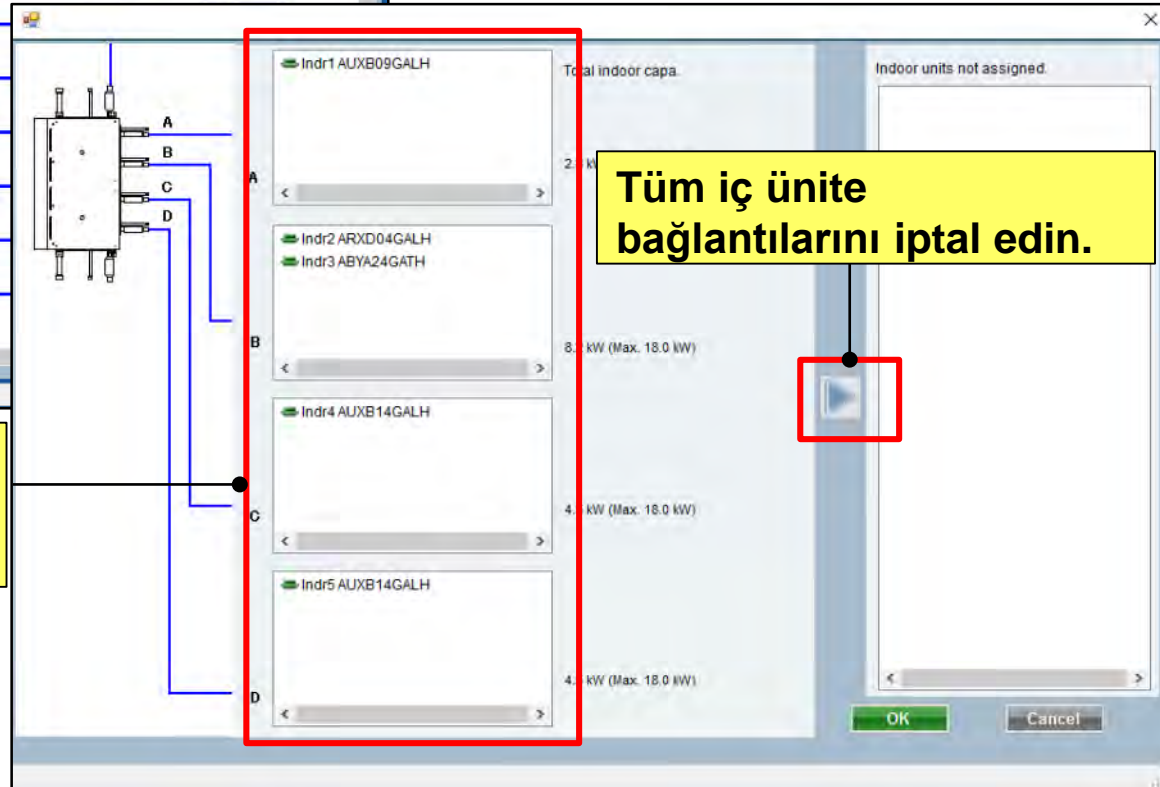


RB multi units seç



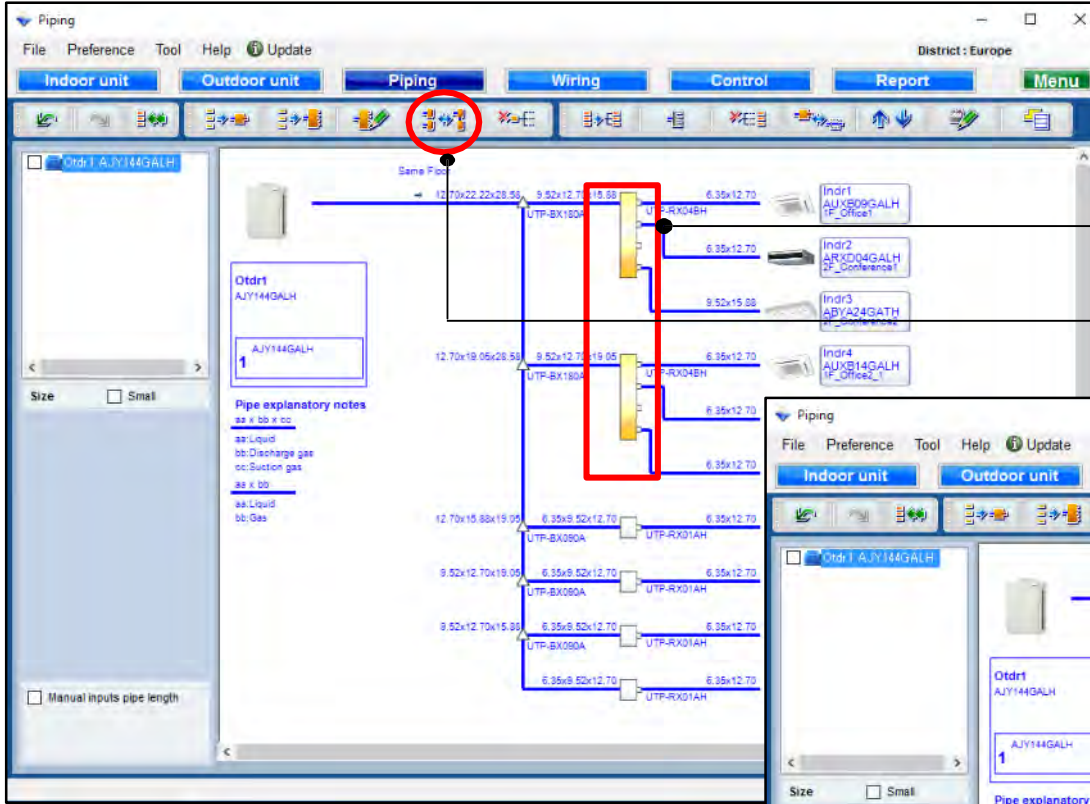
“RB multi birleştirme” seç

RB multi kullanıldığında iç ünite bağlantı yöntemi değiştirilebilir.



Tüm iç ünite bağlantılarını iptal edin.

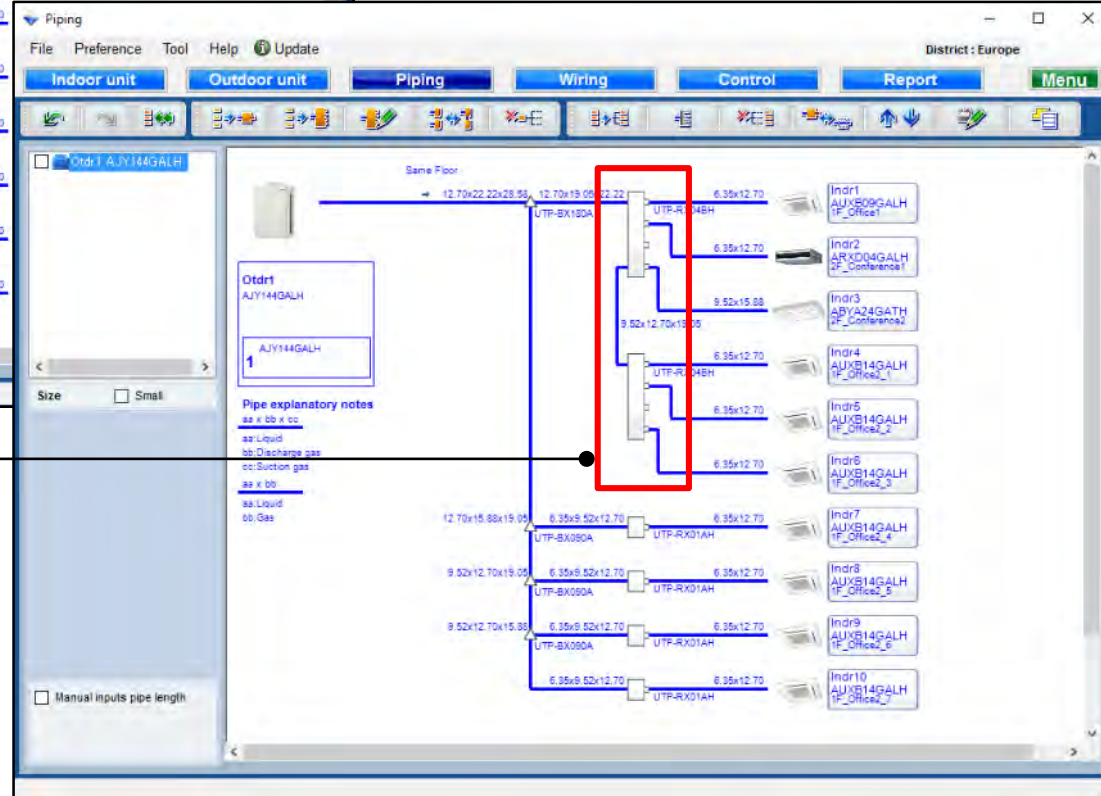
RB multi fonksiyonu birleşimi



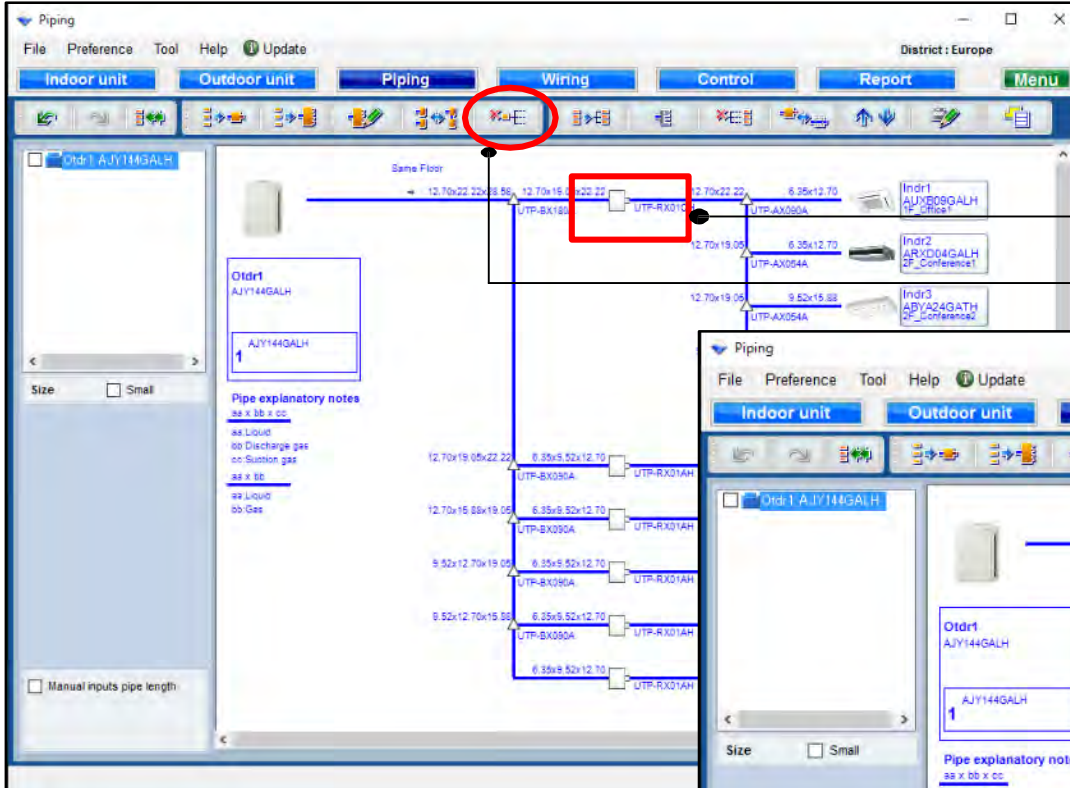
RB multi units seç

“RB multi birleştir”i seç

2 RB multi grubunu 1 gruba birleştirin.



Birleştirme işlevini serbest bırakın

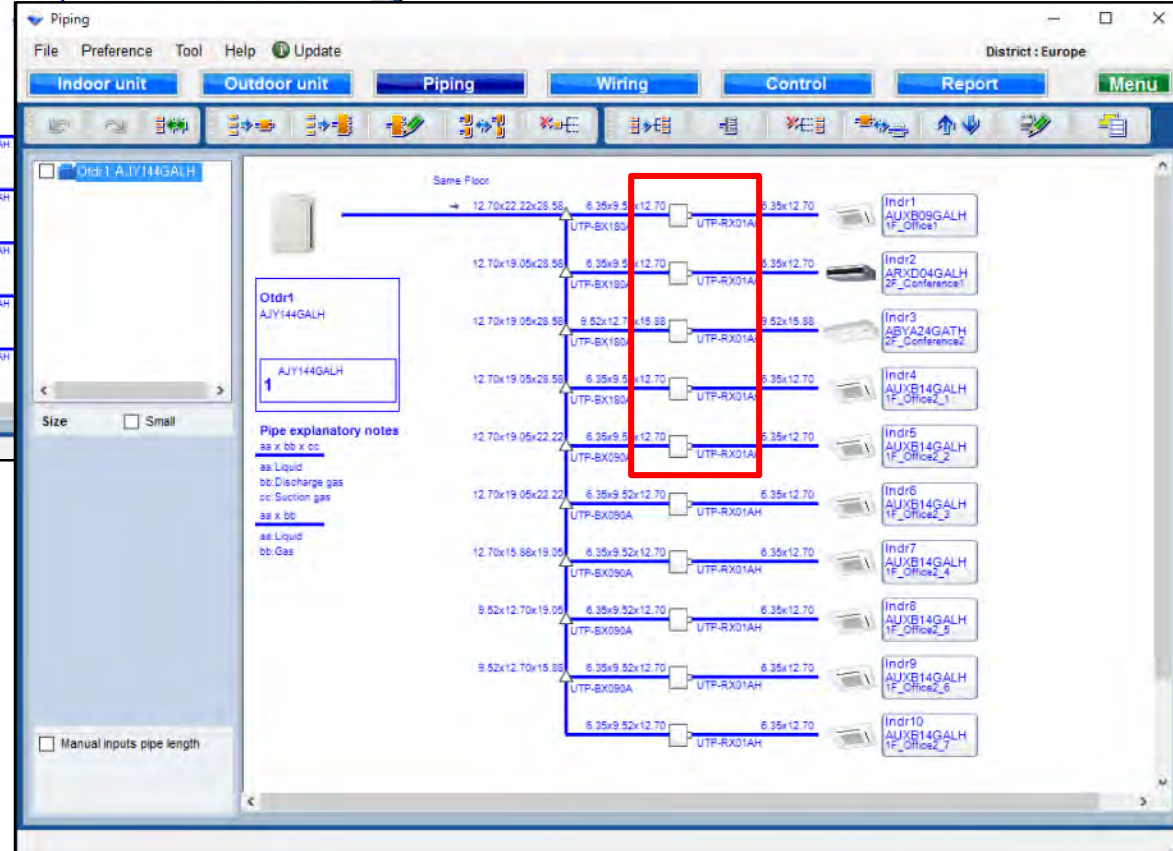


RB units seç

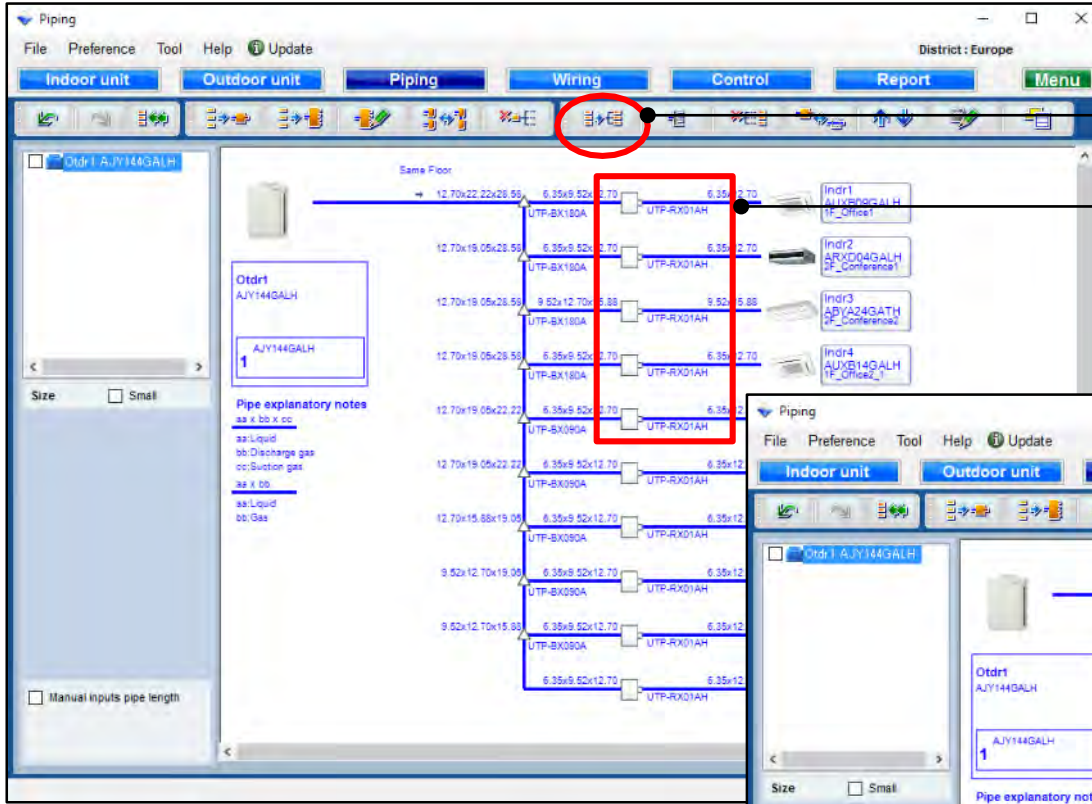
“Serbest birleştirme” seç

Serbest birleşim

* Seçilen RB multi veya tek kombine tüm birimler serbest bırakılabilir.



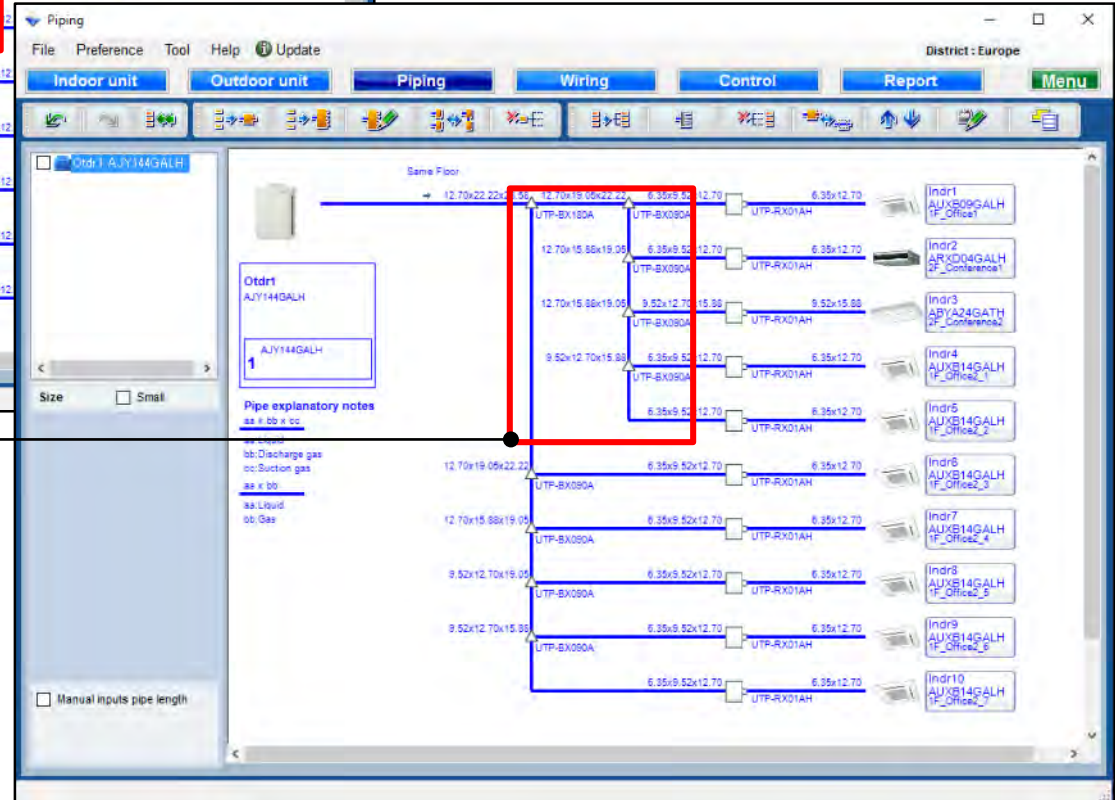
İç ünite fonksiyonu birleştirme



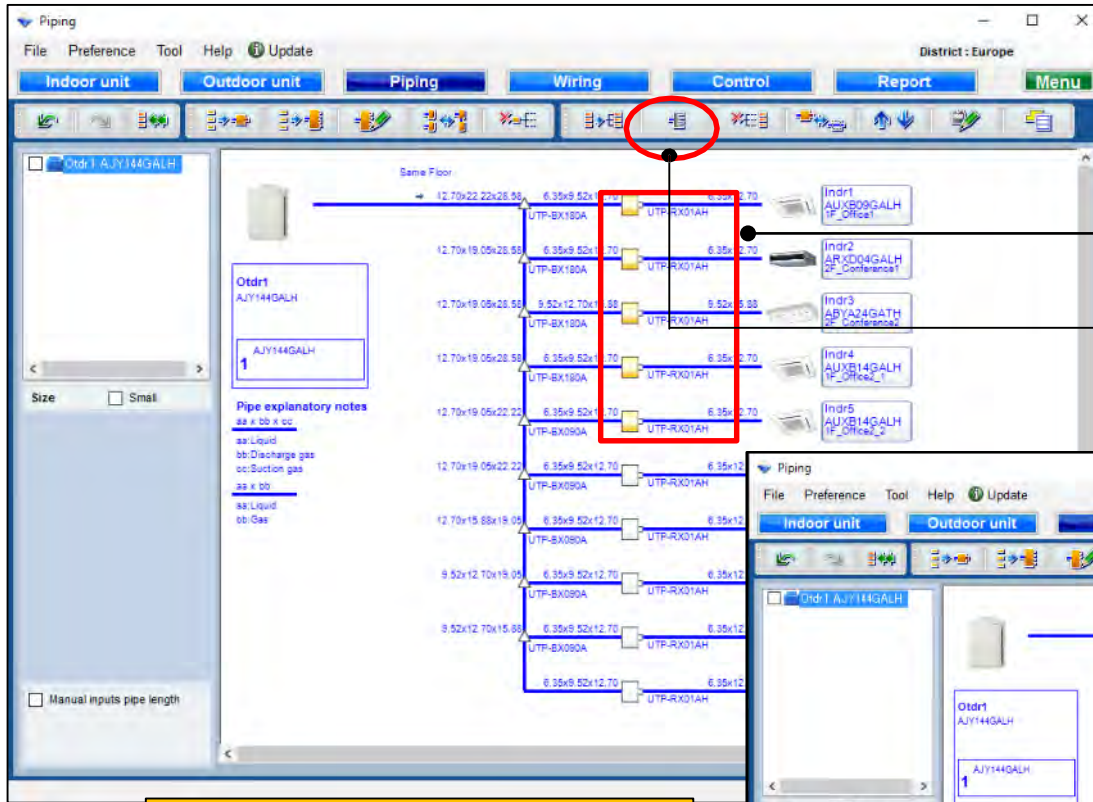
RB units seç

“İç ünite birleştirme” seç

Bu bölüm ayrılabilir.



Header Ekle fonksiyonu

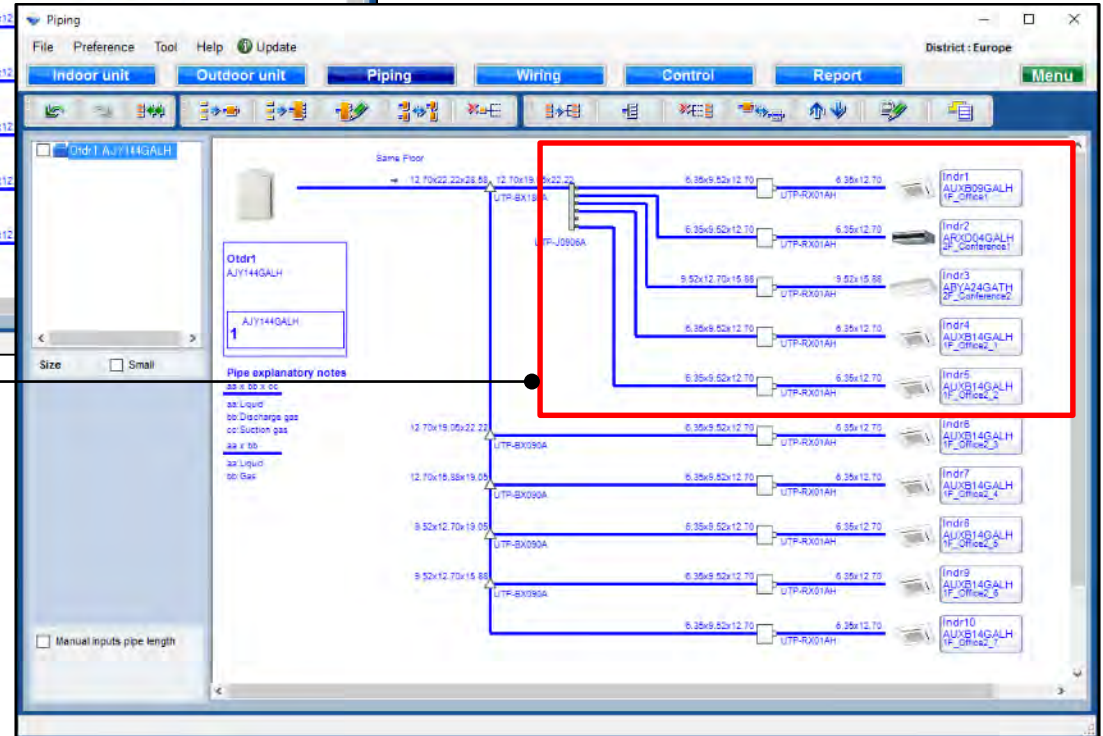


RB units seç



"header ekle" seç

header birleştirme
oluşturma

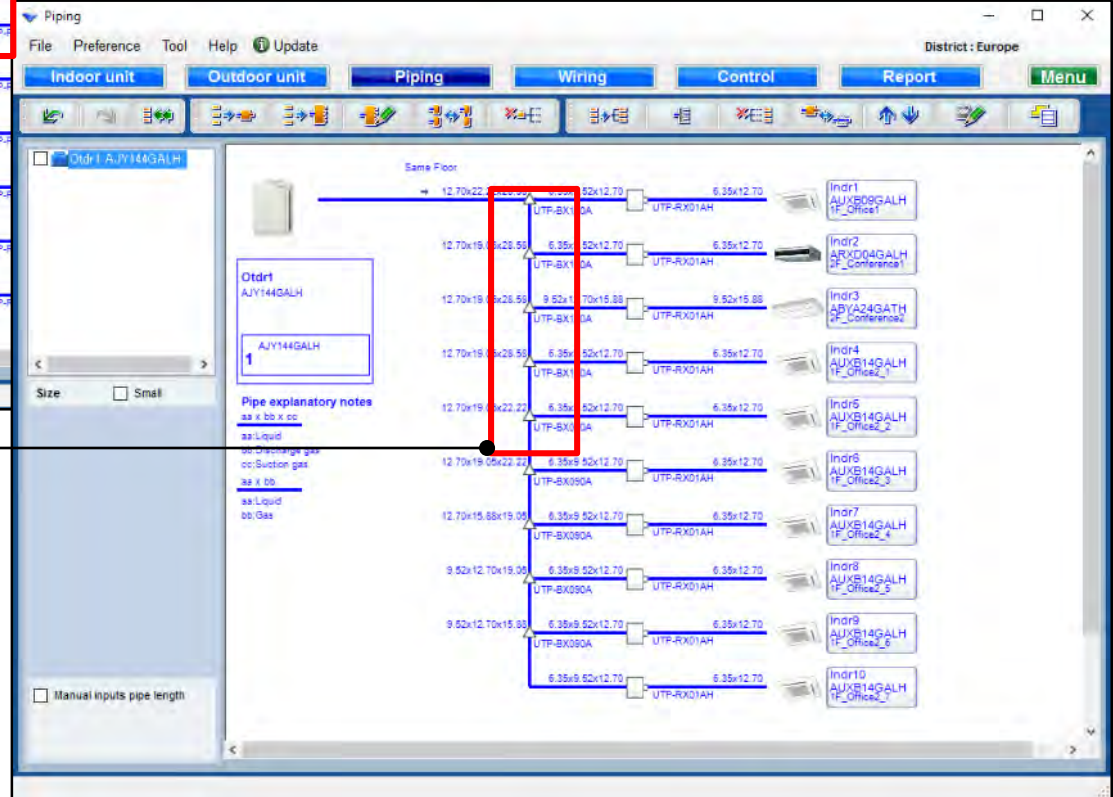
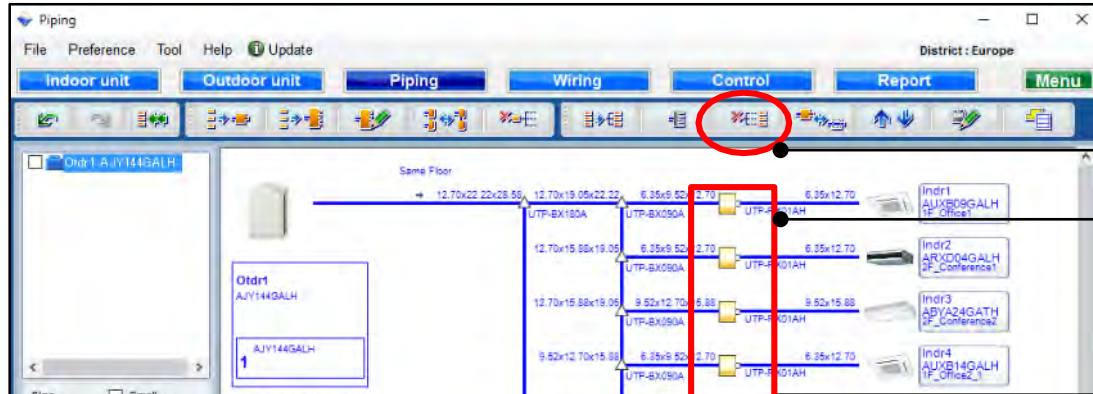


Serbest birleşim fonksiyonu

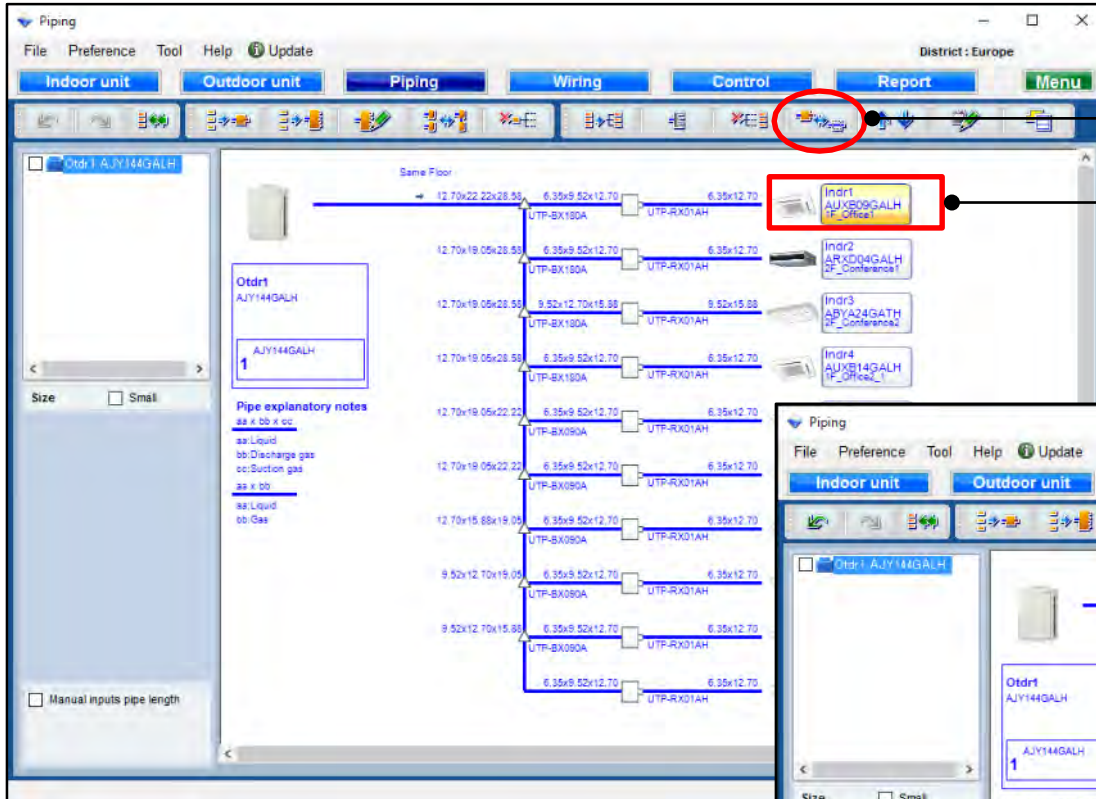
RB units seç

“Serbest birleşim”

Serbest birleşim



Serbest Single RB fonksiyonu

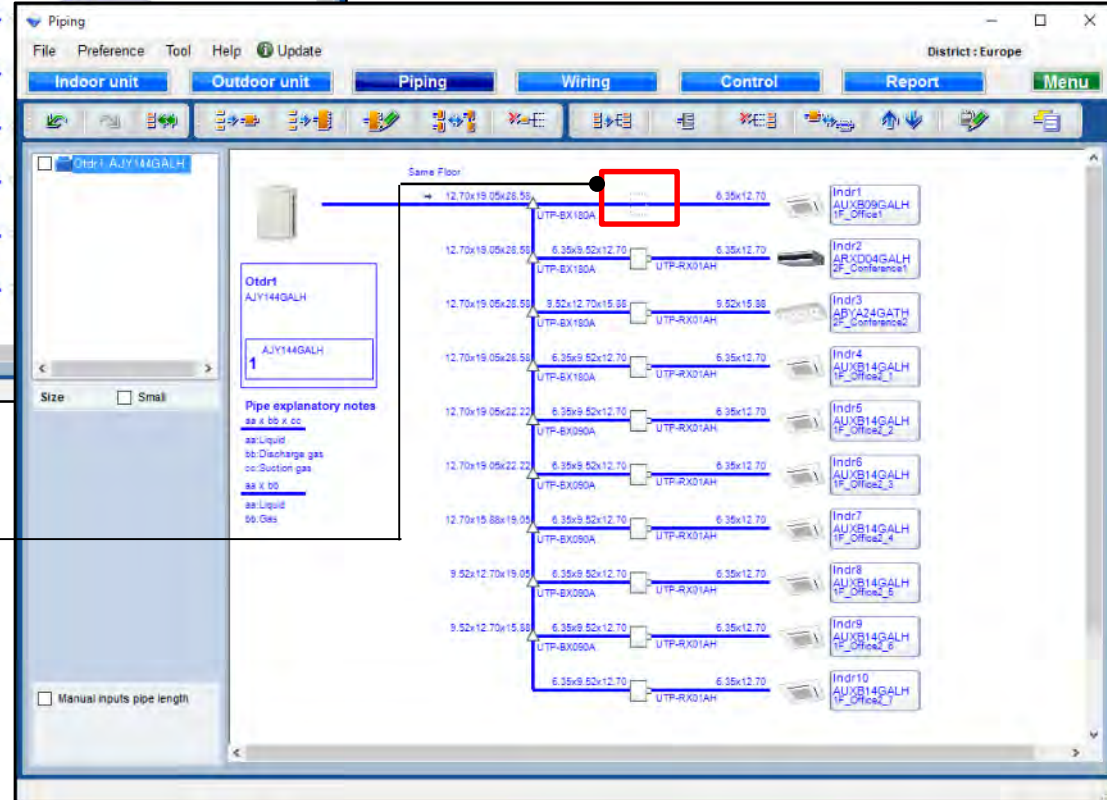


İç ünite seç



“Serbest Single RB
(Sadece soğutma IU)” seç

Tüm iç ünitelerdeki tüm kapasitelerin% 50'sinden azı yalnızca Soğutma olarak değiştirilebilir.



İç ünite kombine sipariş fonksiyonunu yukarı kaldırın

” İç ünite birleştirme sırasını yükseltin ” seç

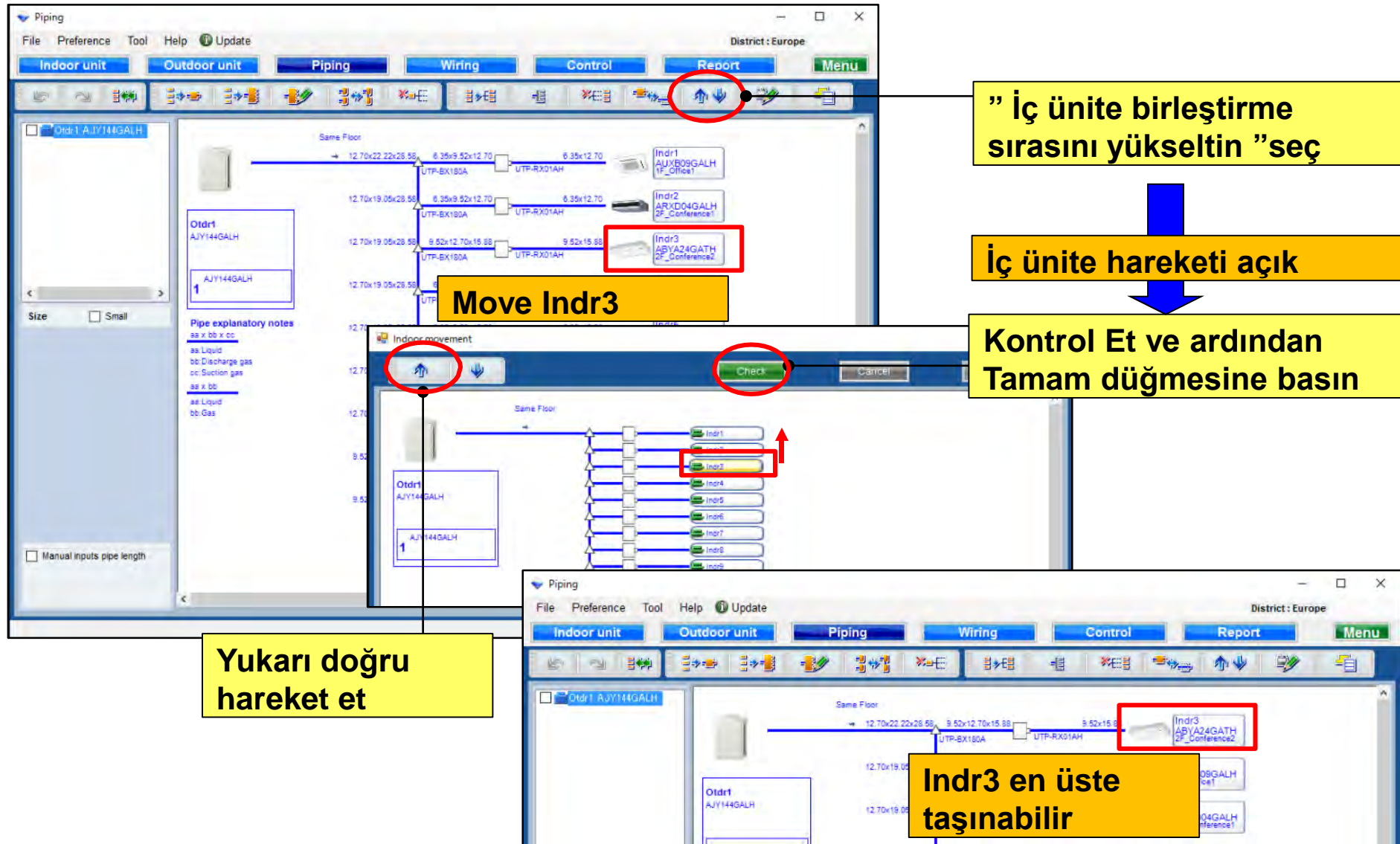
İç ünite hareketi açık

Kontrol Et ve ardından Tamam düğmesine basın

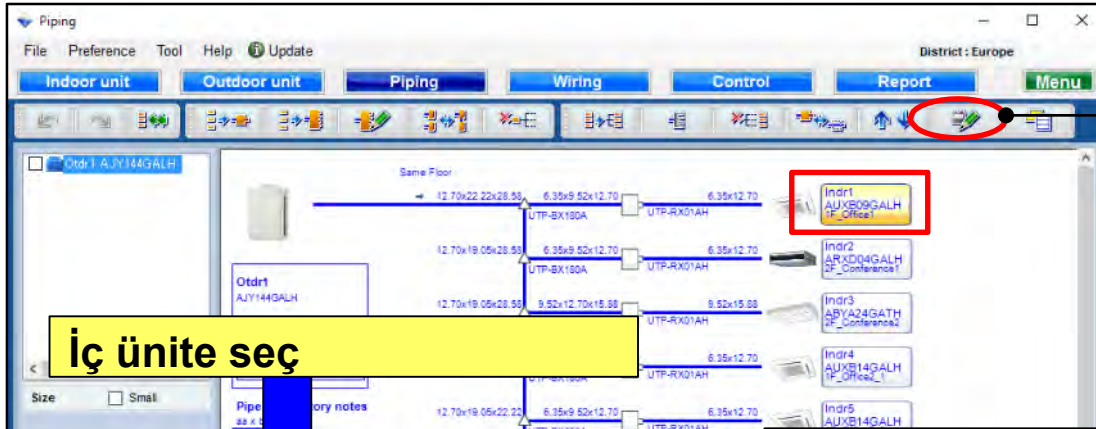
Move Indr3

Yukarı doğru hareket et

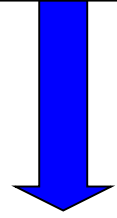
Indr3 en üste taşınabilir



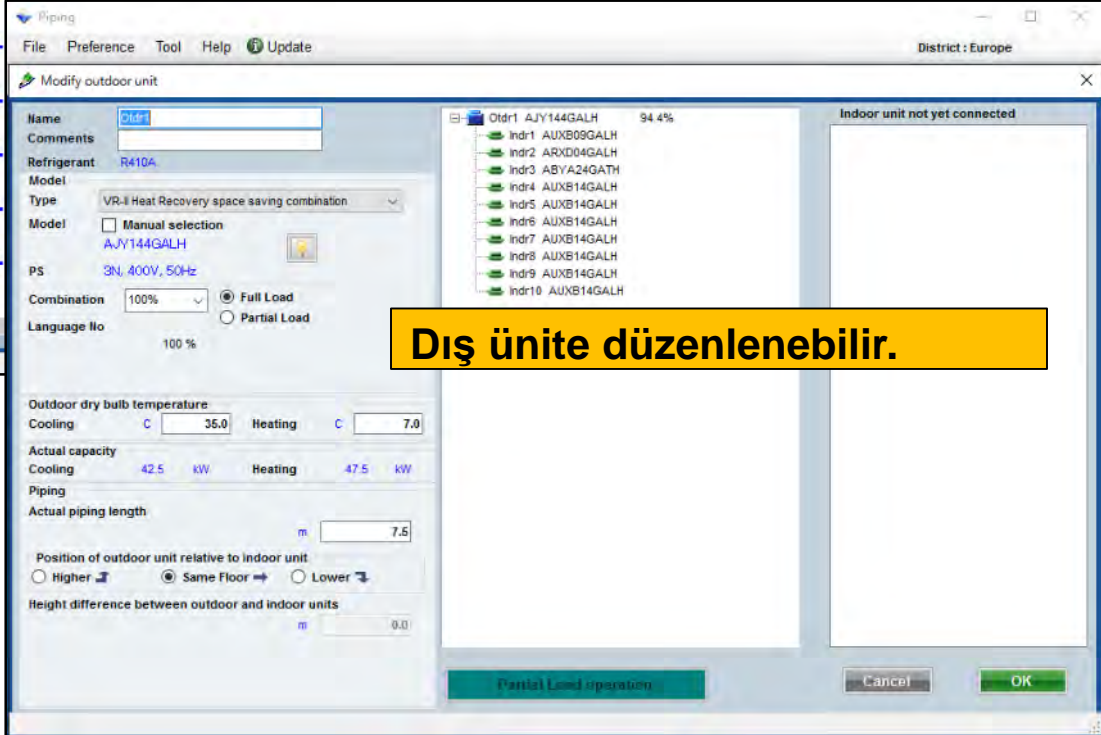
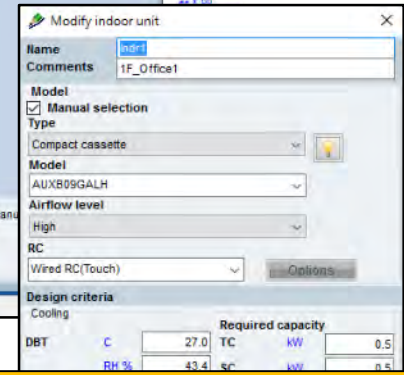
İç veya dış ünite fonksiyonunu değiştirme



“İç veya dış ünite değiştirme” seç

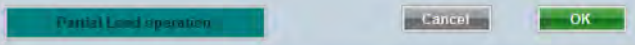
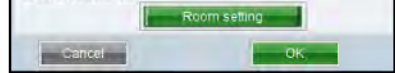


İç ünite seç



Dış ünite düzenlenebilir.

“Dış veya iç ünite değiştir” e basmak için iç ünite seçildiğinde, iç ünite düzenlenebilir.

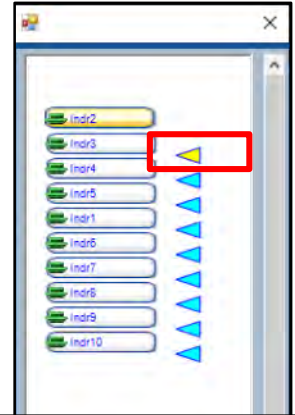


Ekle fonksiyonu

The screenshot shows the Piping software interface with the 'Piping' tab selected. The 'Menu' button is circled in red. A red box highlights the 'Indr1 AUXB09GALH 1F_Office1' indoor unit being added to the system. The diagram shows a network of pipes connecting various units. A yellow box with the text 'İç ünite takılabilir.' (Indoor unit can be added.) is overlaid on the diagram.

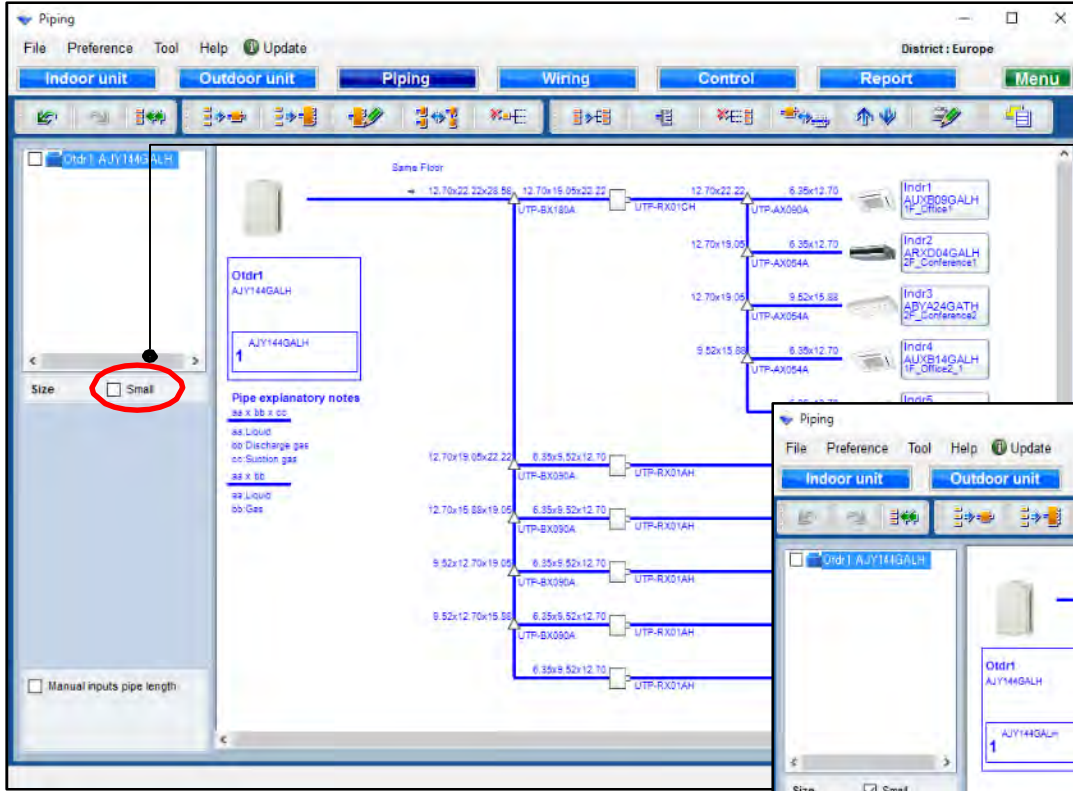
İç ünite seç

“Kaldır, Ekle veya Geri Al” seç



Seçilen iç ünitenin yerleştirme konumunu belirtin.

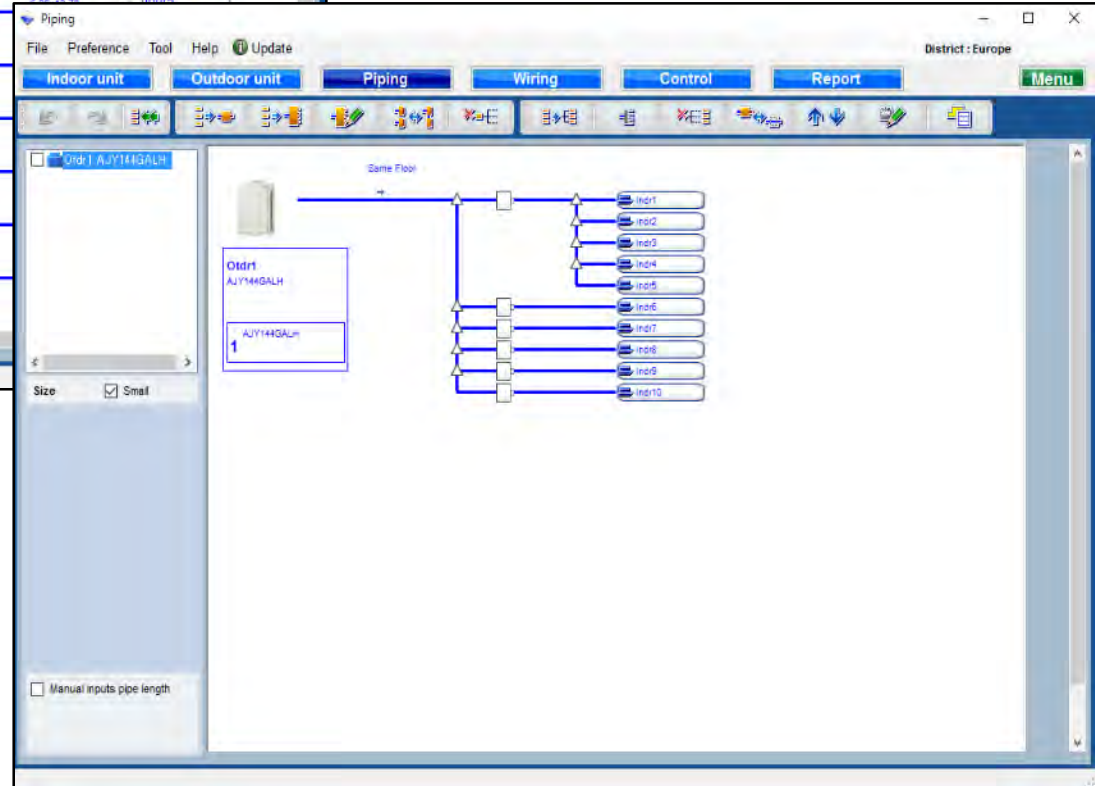
Küçük görünüm fonksiyonu



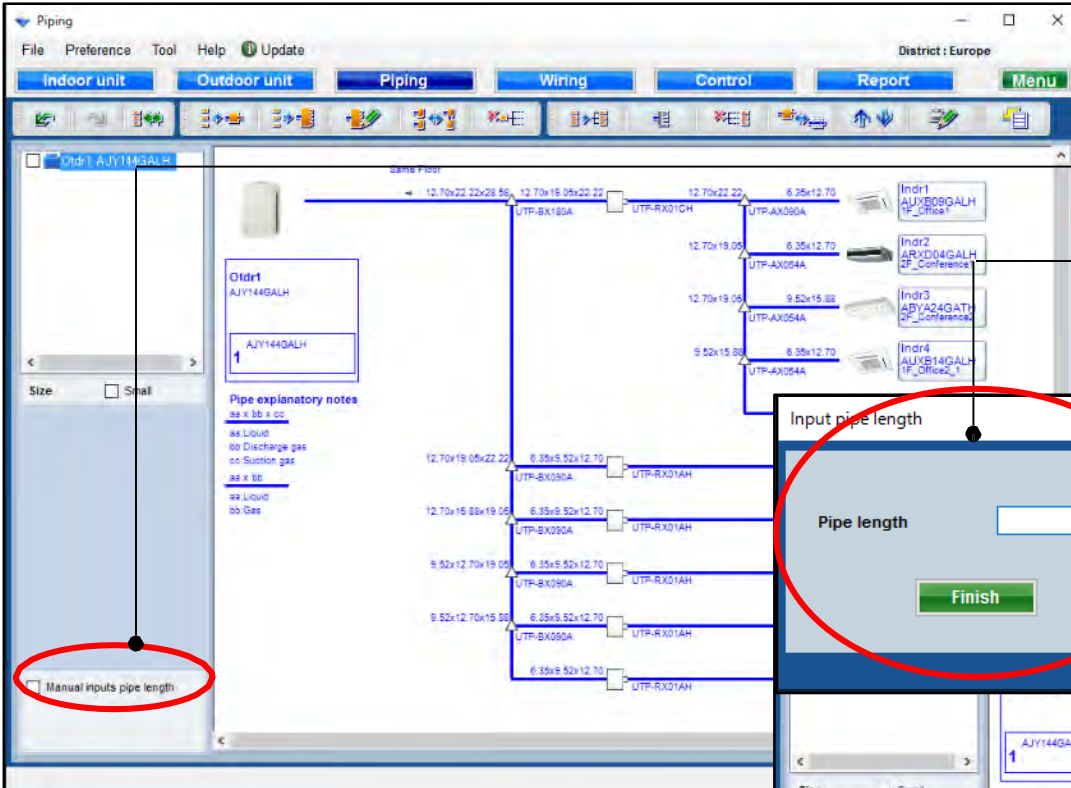
" Küçük " seç



Küçük görünüme dönüştü.

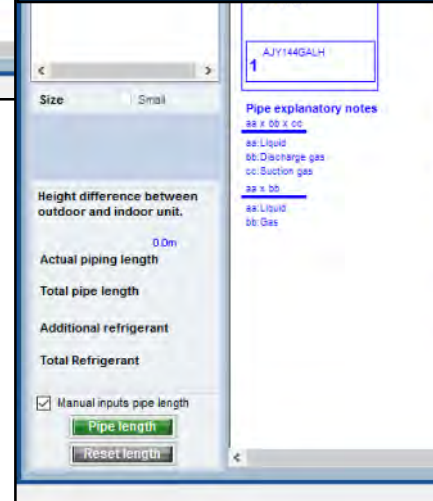
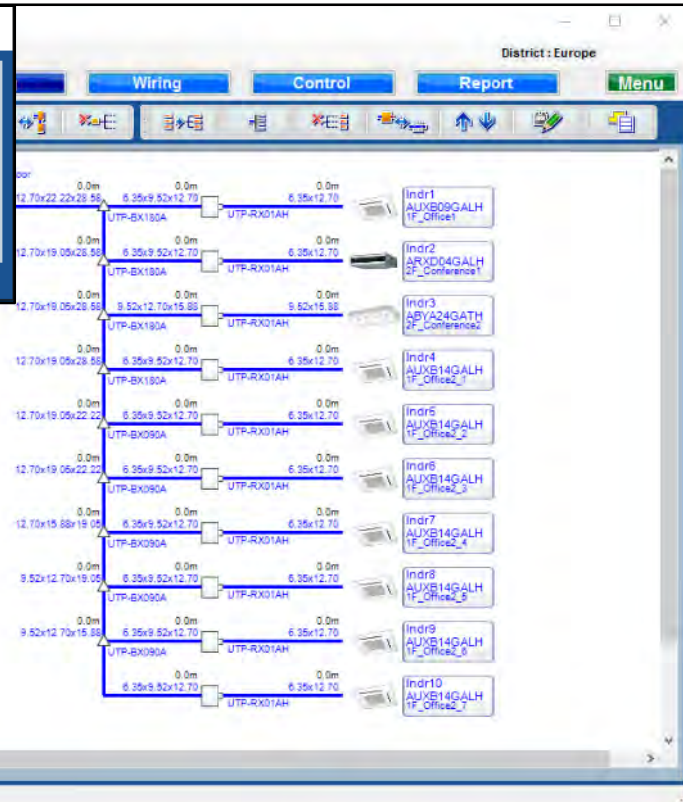
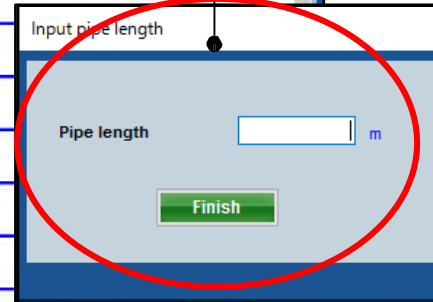


Boru uzunluğu ayar fonksiyonu(1/4)

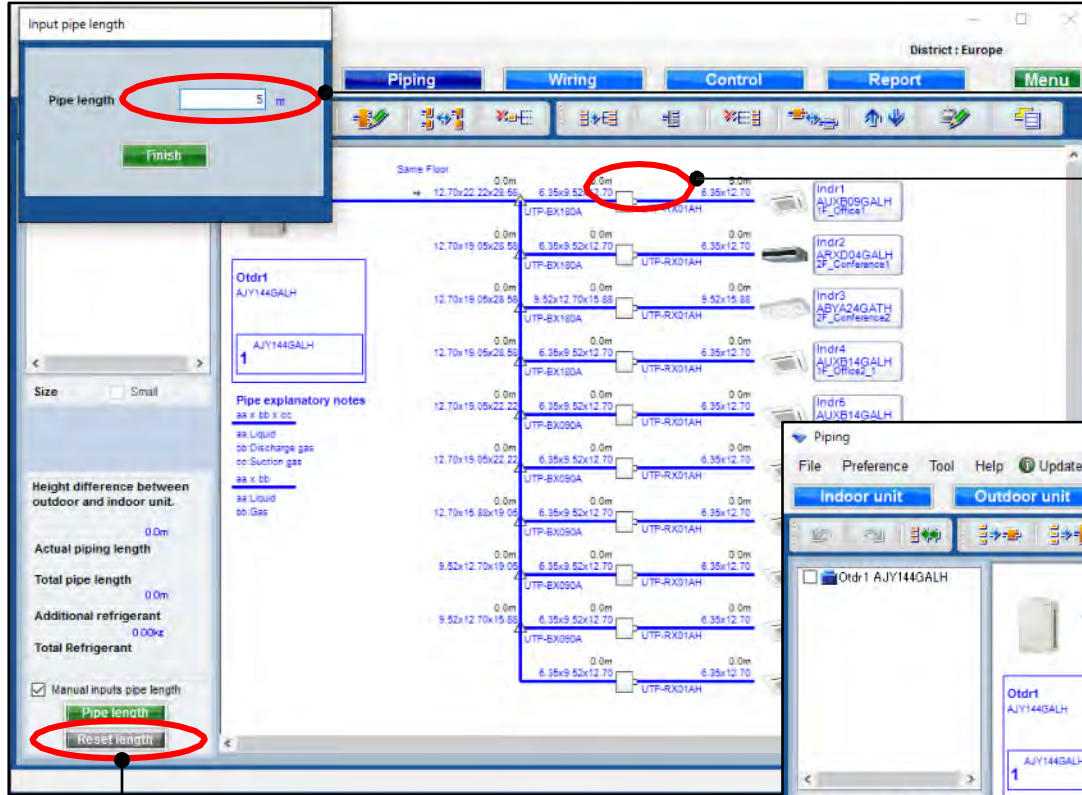


" Manuel boru uzunluğu girişi
"seç

Boru uzunluğu seçim ekranı açık



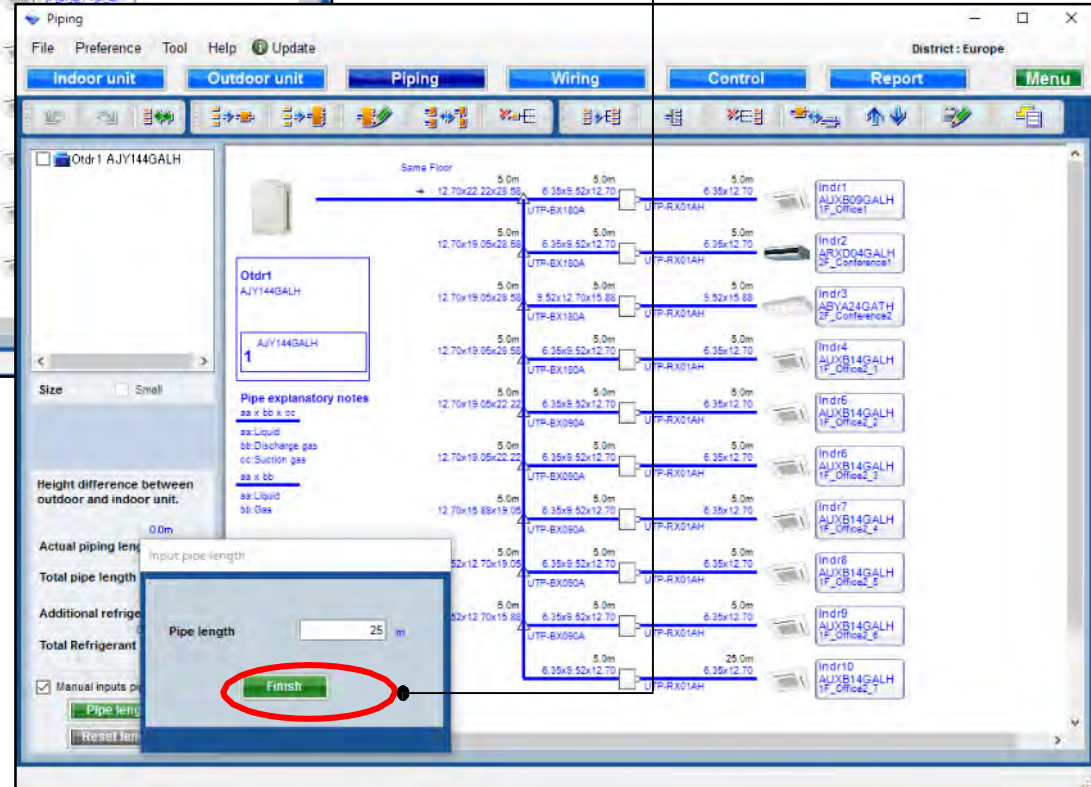
Boru uzunluğu ayar fonksiyonu(2/4)



Boru uzunluğu girişi

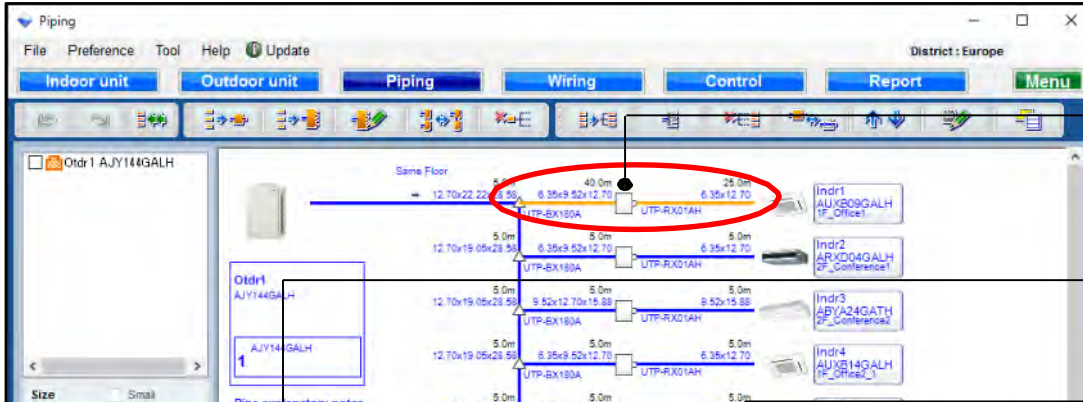
Her boruyu seçin

Tüm uzunluklar kaydedildikten sonra "Son" seçeneğini seçin.



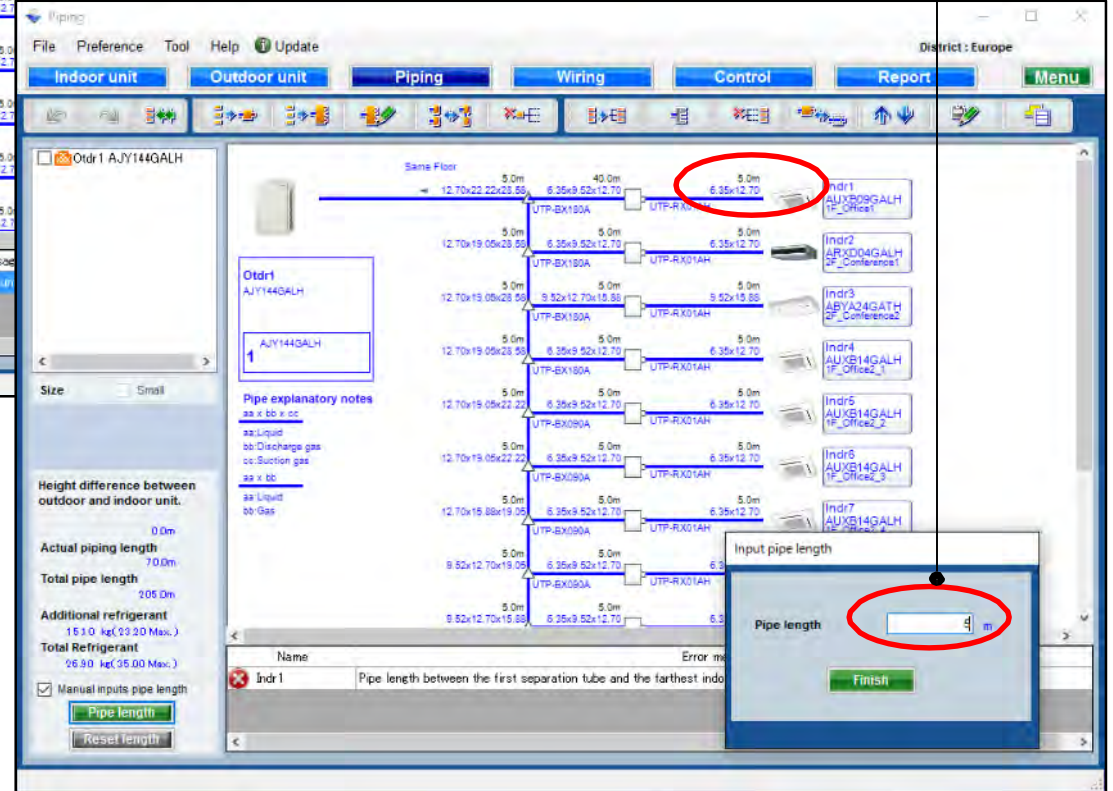
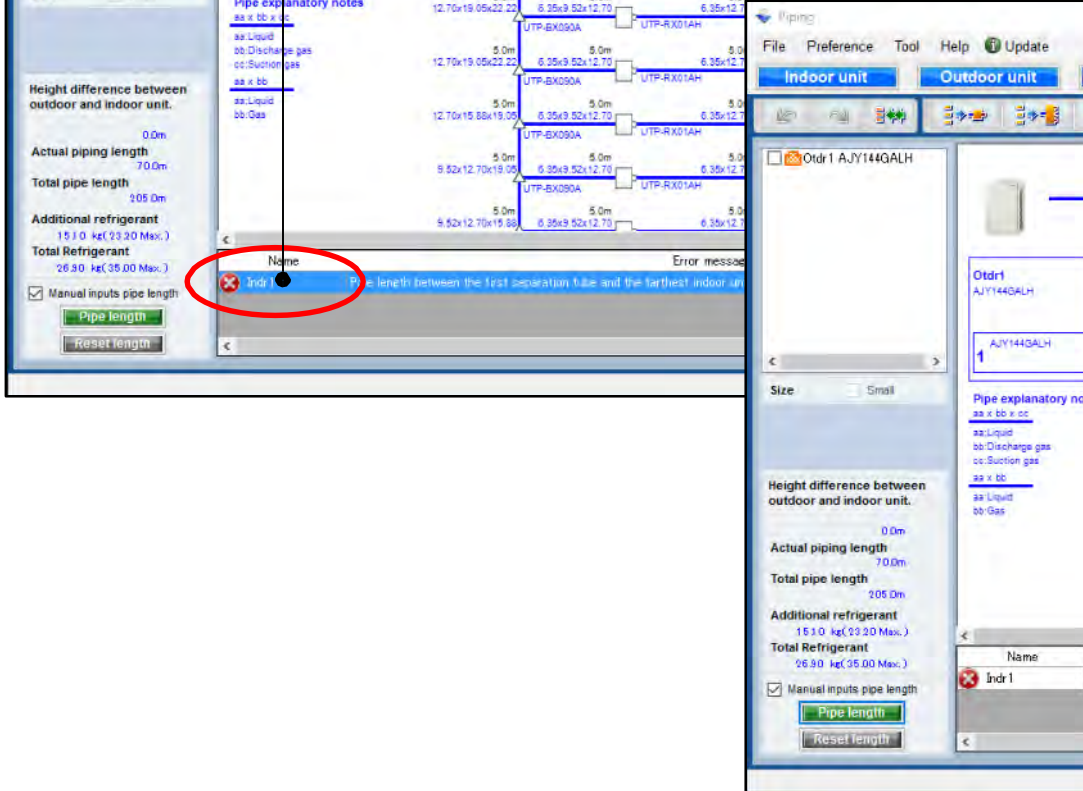
Tüm giriş borusu uzunluklarını başlangıç değerine sıfırlayın

Boru uzunluğu ayar fonksiyonu(3/4)



Bir uyarı, bilgi girilmediğinde veya kısıtlamaları aştığında hata bilgileri sağlar.

Tekrarlayın, ardından "bitir" i seçin.



Boru uzunluğu ayar fonksiyonu(4/4)

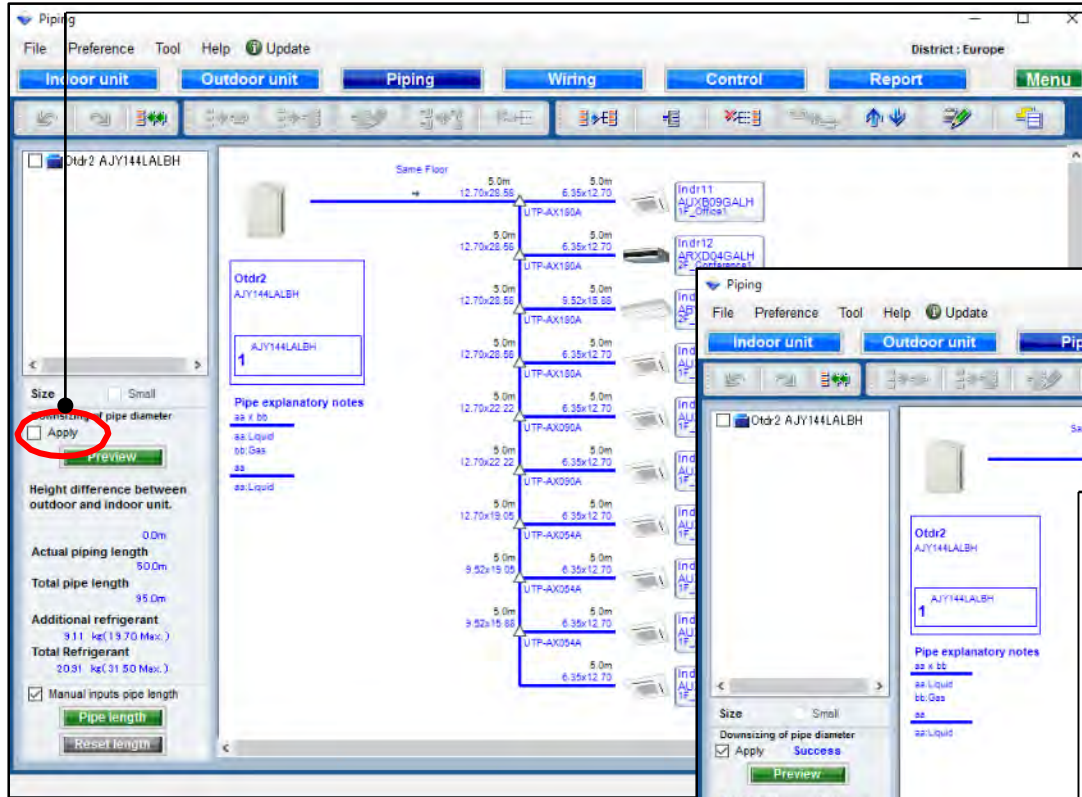
The screenshot shows the 'Piping' software interface. The main workspace displays a diagram of a refrigeration system with various components and pipes. The left sidebar contains a list of units and a 'Pipe explanatory notes' section. The bottom left corner has a 'Manual inputs pipe length' section with a 'Pipe length' button and a 'Reset length' button. Two yellow callout boxes highlight the 'Actual piping length' and 'Additional refrigerant' fields.

Gerçek boru uzunluğu göstergesi: beyan edilmiş ve kayıtlı uzunluk

Ek şarj soğutucu miktarı otomatik olarak hesaplanır ve görüntülenir.

Boru çapı fonksiyonunun küçültülmesi (1/2)

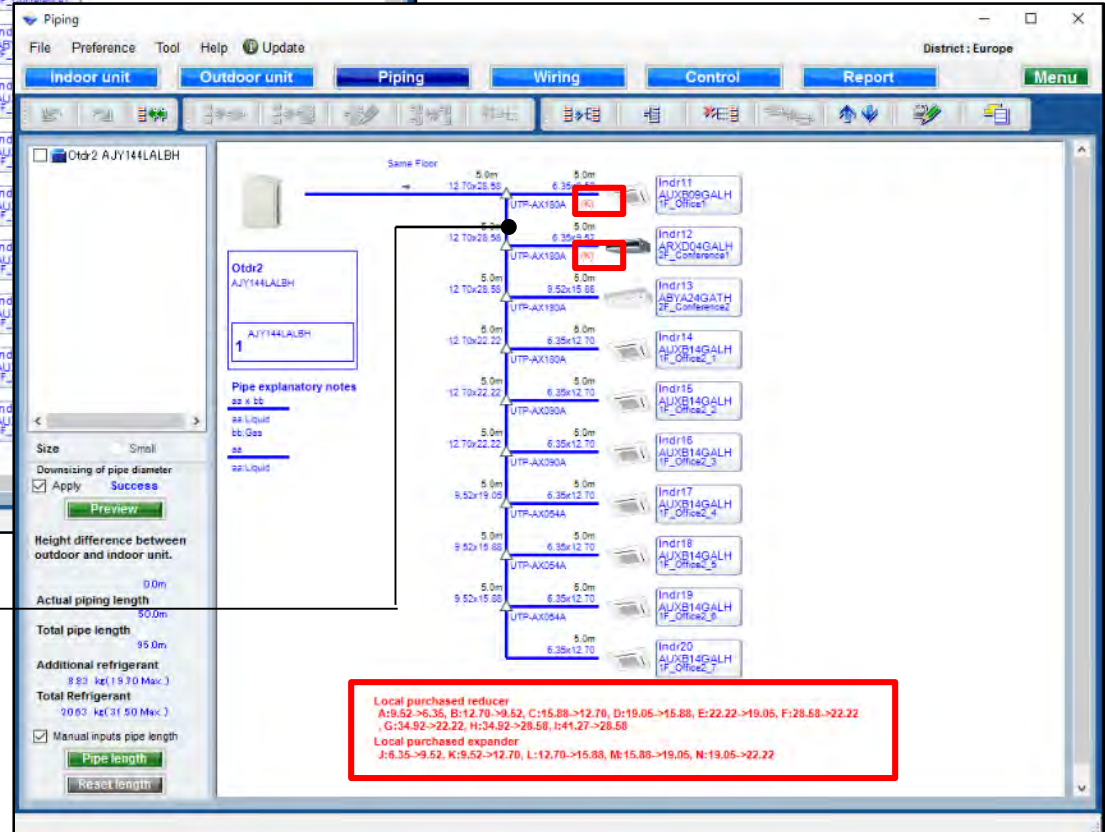
* V-III serisi yalnızca hedef alanda



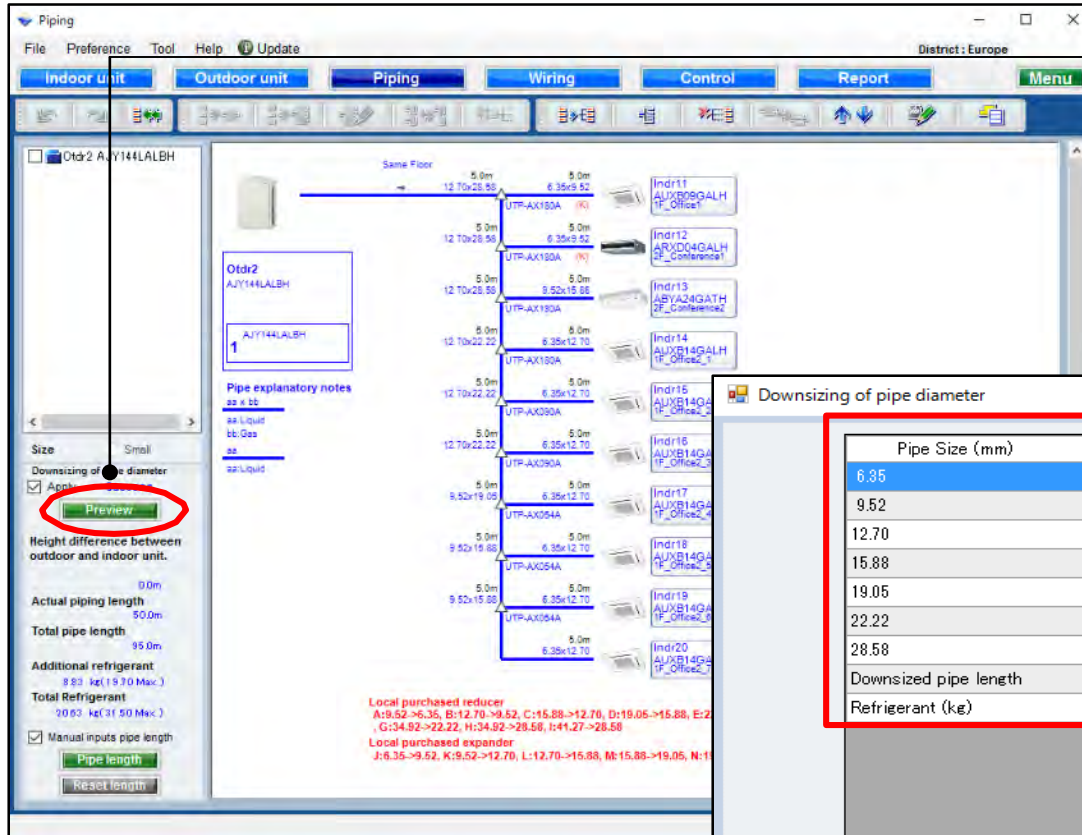
“Uygula” seç

Redüksiyon borusu çapı

Küçültücü gerektiğinde, mesaj görüntülenir.



Boru çapı fonksiyonunun küçültülmesi(2/2)



The screenshot shows the Piping software interface with the 'Downsizing of pipe diameter' dialog box open. The 'Preview' button is highlighted with a red circle. The dialog box contains a table with the following data:

Pipe Size (mm)	Normal (m)	Downsizing (m)	Difference (m)
6.35	45.0	45.0	0.0
9.52	15.0	30.0	15.0
12.70	80.0	65.0	-15.0
15.88	10.0	15.0	5.0
19.05	10.0	5.0	-5.0
22.22	10.0	15.0	5.0
28.58	20.0	15.0	-5.0
Downsized pipe length			25.0
Refrigerant (kg)	9.11	8.83	0.28

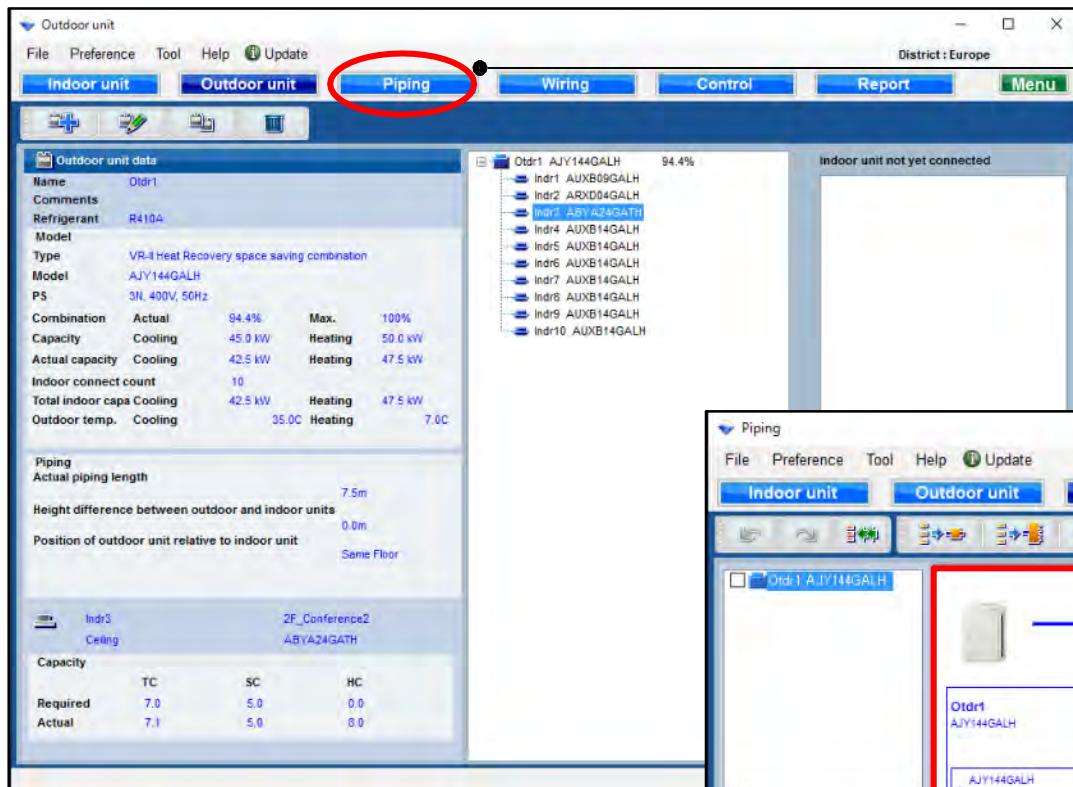
“Ön izleme“ seç

" Boru çapının küçültülmesi" ekranı

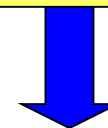
Boru ve soğutucu miktarının küçülmesinden önce ve sonra farkı görüntüleyin.

If you input the lengths of the pipes and their length are based on the following condition, you can downsize the pipe size.

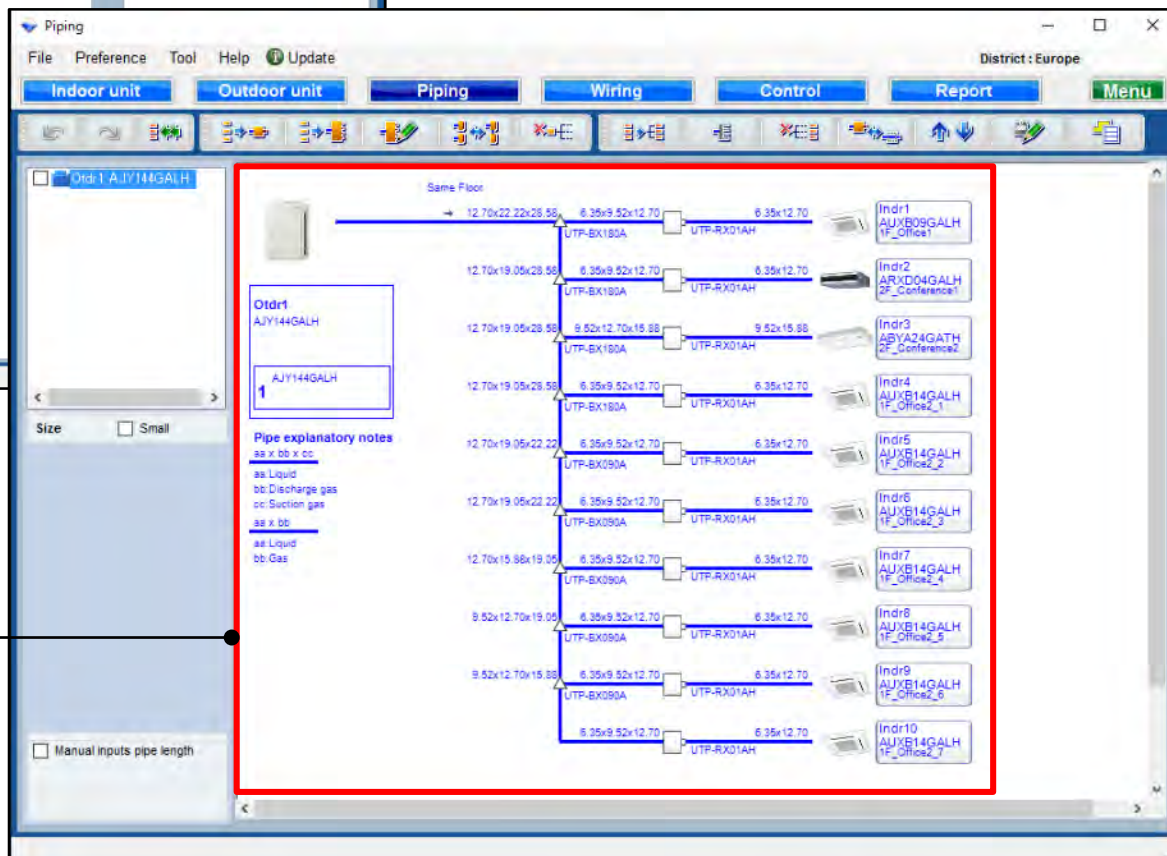
- Between outdoor unit to outdoor unit branch kit ,
Between outdoor unit branch kits or outdoor unit branch kit to first separation tube :
The length between master out door unit and the farthest indoor unit should be 70.0m or less.
- Between separation tubes :
The length between master out door unit and the farthest indoor unit should be 120.0m or less,
and the length between the first separation tube and the farthest indoor unit should be 60.0m or less.
- Between separation tube to indoor unit :



Izaberi "cevovod"

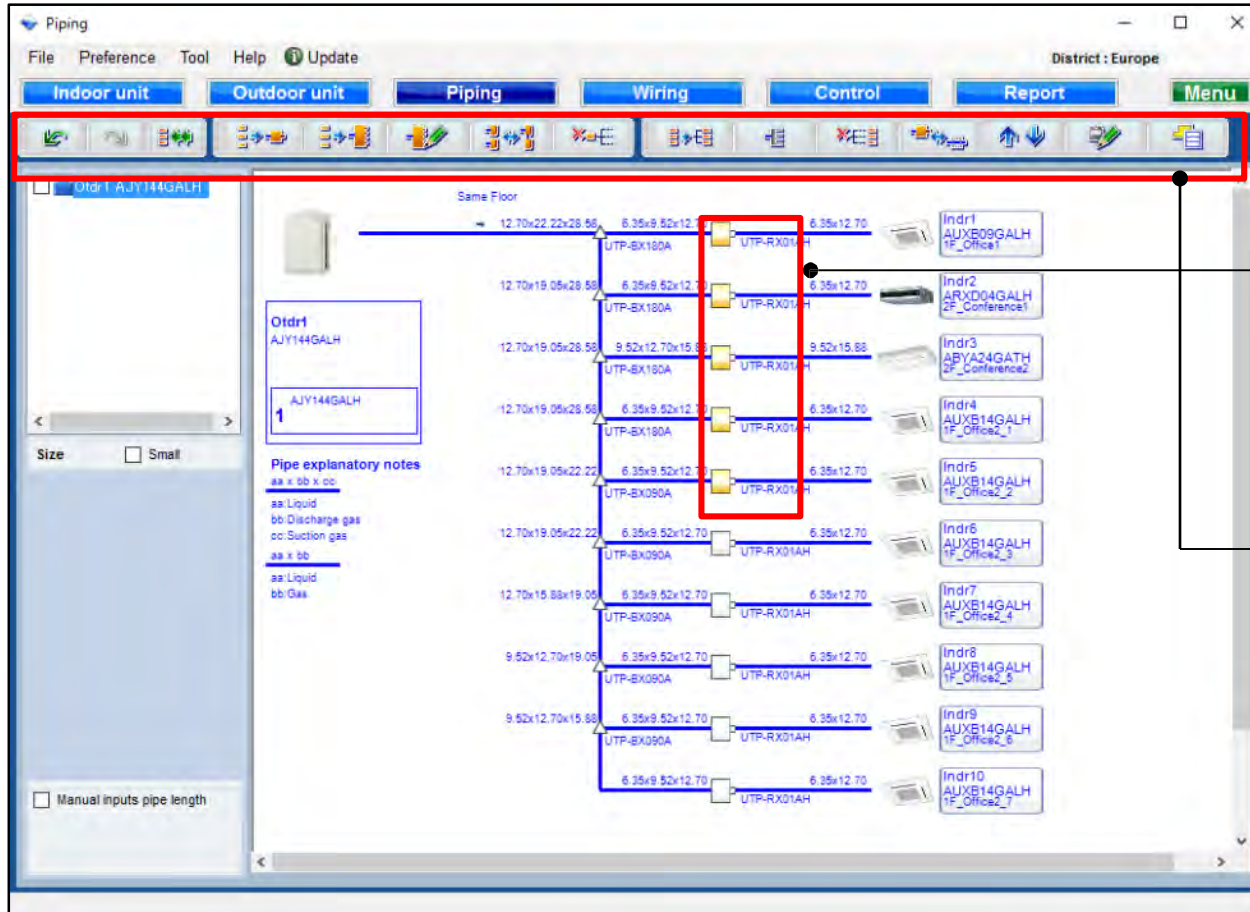


Prikaz kreiranog sistema cevovoda

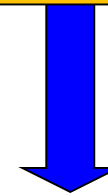


Prokazani su precnik cevi, naziv modela spoljašnje jedinice, inutrašnje jedinice i racve.

Za povrat toplote



Izaberite za povrat toplote RB Unit.

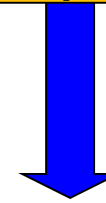


Izaberite opciju za izmenu

Za heat recovery

The screenshot shows the 'Piping' window in the Design Simulator. The interface includes a menu bar (File, Preference, Tool, Help, Update), a ribbon with tabs for Indoor unit, Outdoor unit, Piping, Wiring, Control, Report, and Menu. A toolbar contains icons for various piping operations. The main workspace displays a piping diagram for 'Same Floor' with a central vertical riser and horizontal branches. The riser is labeled 'UTP-AX100A' and 'UTP-AX090A'. The horizontal branches are labeled with dimensions and flow rates, such as '12.70x28.58' and '8.35x12.70'. On the right side, a list of indoor units is shown, including 'Indr1 AUXB09GALH IF_Office1', 'Indr2 ARXD04GALH IF_Conference1', 'Indr3 ARYA24GATH IF_Conference2', 'Indr4 AUXB14GALH IF_Office2_1', 'Indr5 AUXB14GALH IF_Office2_2', 'Indr6 AUXB14GALH IF_Office2_3', 'Indr7 AUXB14GALH IF_Office2_4', 'Indr8 AUXB14GALH IF_Office2_5', 'Indr9 AUXB14GALH IF_Office2_6', and 'Indr10 AUXB14GALH IF_Office2_7'. A red box highlights the 'Wiring' and 'Control' tabs in the ribbon, and another red box highlights the indoor unit list. A yellow callout box points to the indoor unit list with the text 'Izaberite unutrašnju jedinicu za toplotnu pumpu.' A blue arrow points from this box to another yellow callout box with the text 'Izaberite opcije za izmenu, za toplotne pumpe opcije su'. The left sidebar shows the 'Otdr1 AJY144LALBH' unit and 'Pipe explanatory notes'.

Izaberite unutrašnju jedinicu za toplotnu pumpu.

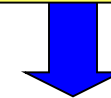


Izaberite opcije za izmenu, za toplotne pumpe opcije su

Funkcionisanje rashladnog fluida u sistemu



Proverite rashladni sistem.



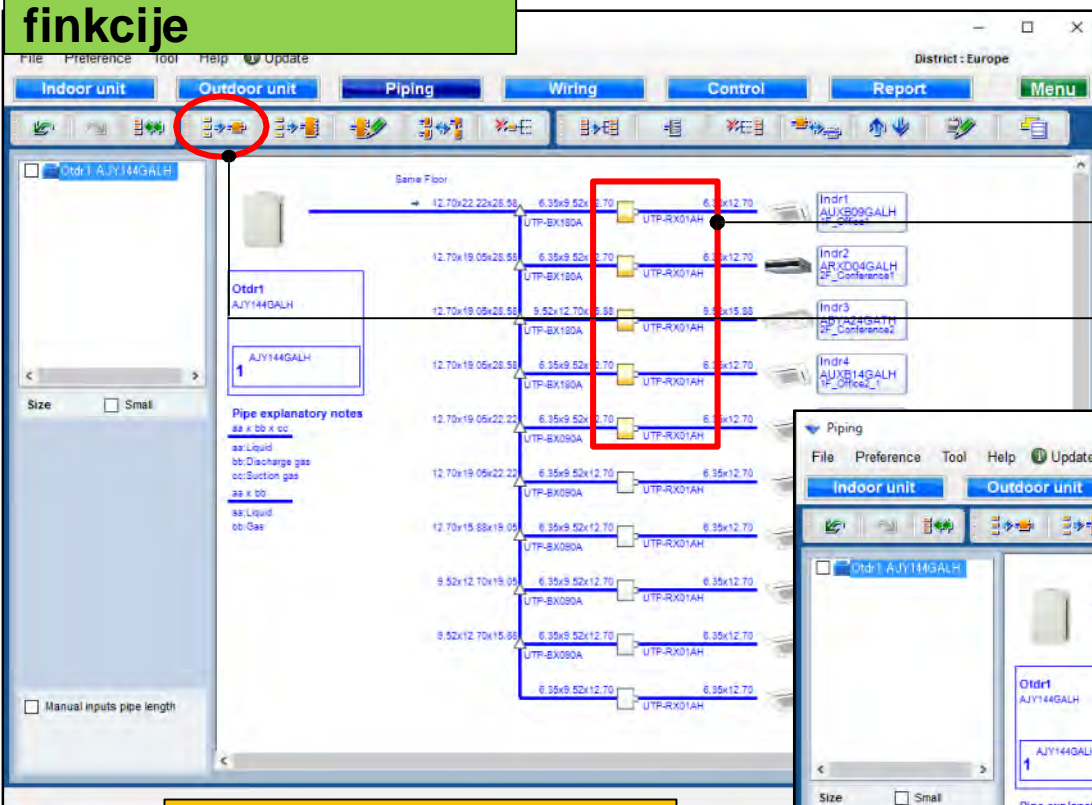
Izabrani rashladni sistem se ne može uređivati na svakom ekranu.

Parameter	Actual	Max.
Capacity	Cooling 45.0 kW	Heating 50.0 kW
Actual capacity	Cooling 42.5 kW	Heating 47.5 kW
Indoor connect count	10	
Total indoor capa	Cooling 42.5 kW	Heating 47.5 kW
Outdoor temp.	Cooling 35.0C	Heating 7.0C

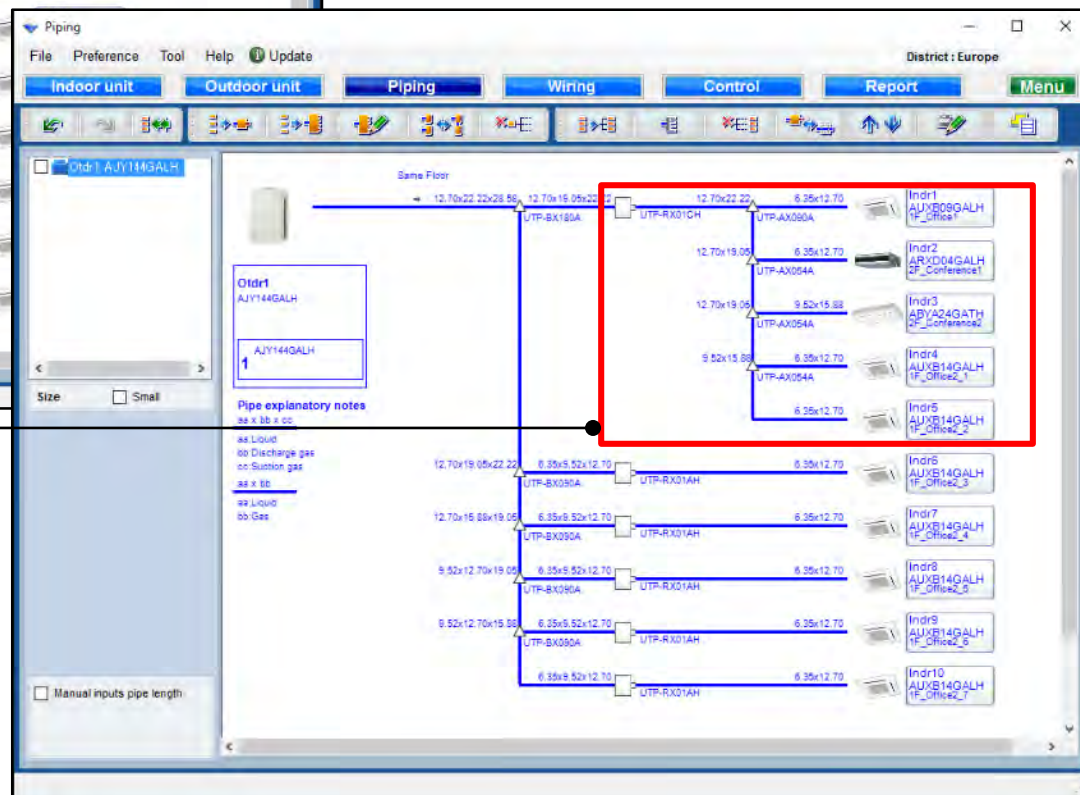
RB Pojedinačne finkcije

Izaberi RB jedinice

Izaberi "RB Single"



Izbor unutrašnjih

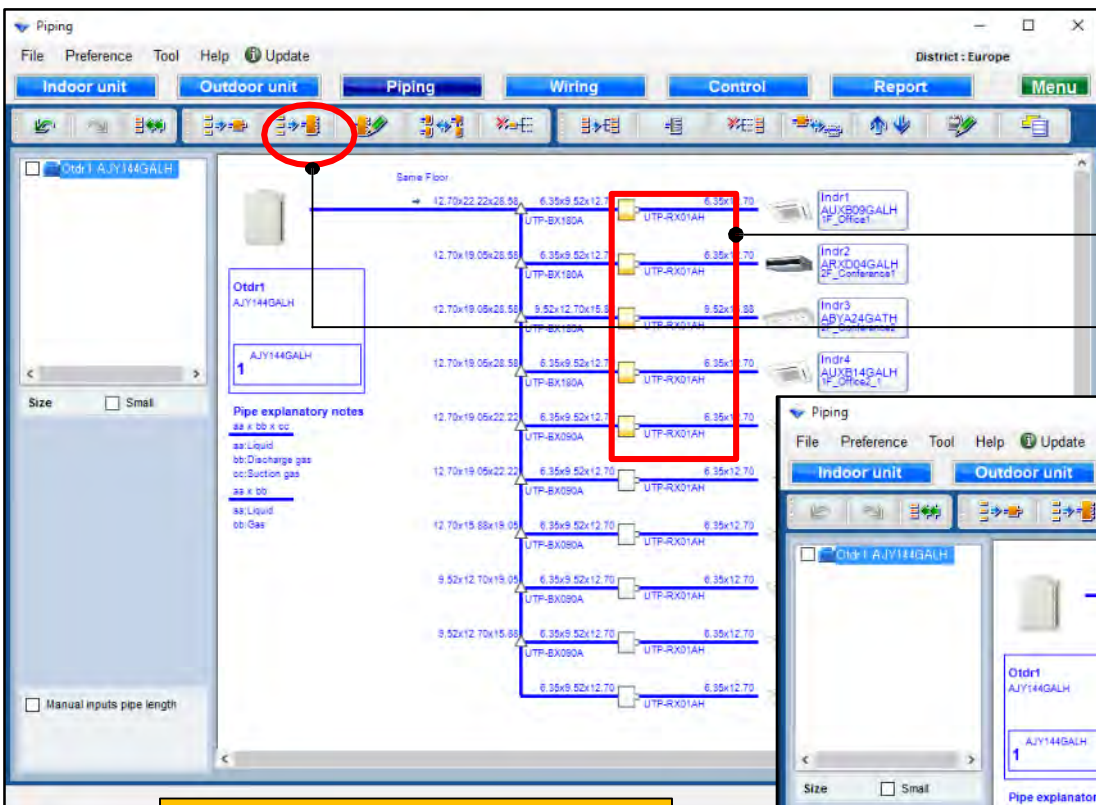


RB multi funkcije

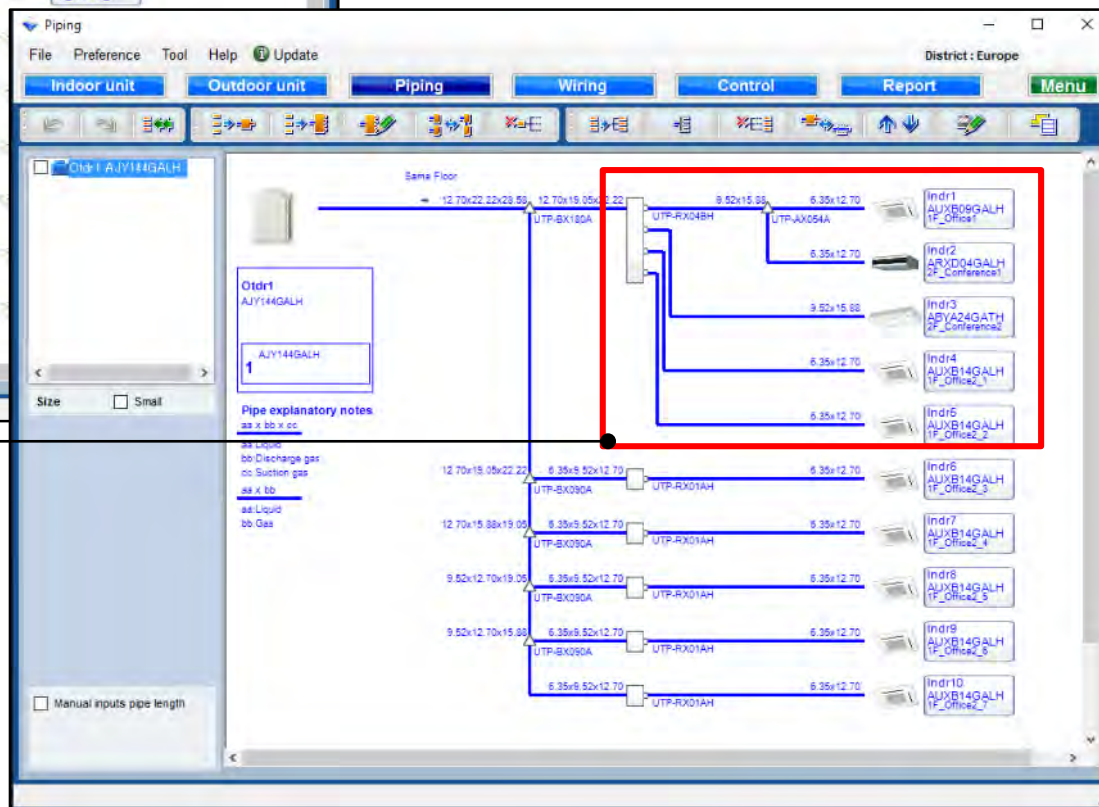
Izaberi RB jedinicu



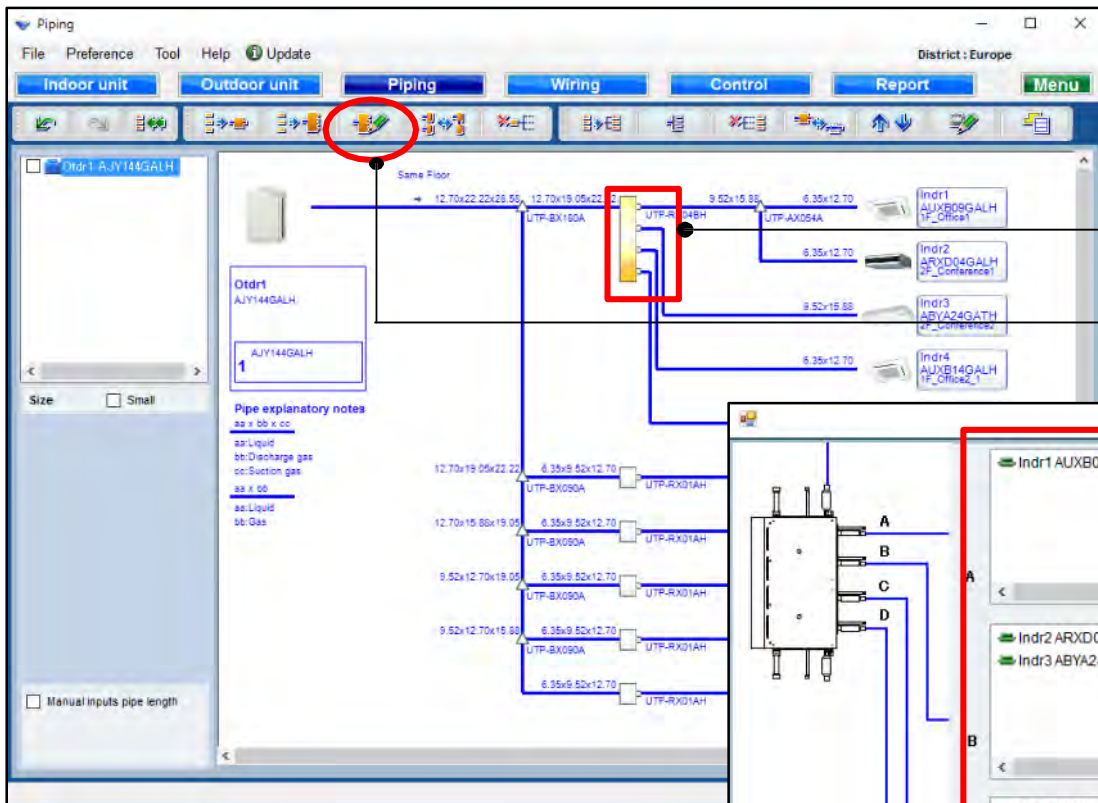
Izaberi "RB multi"



Izbor unutrašnjih



RB multi slozna konfiguracija

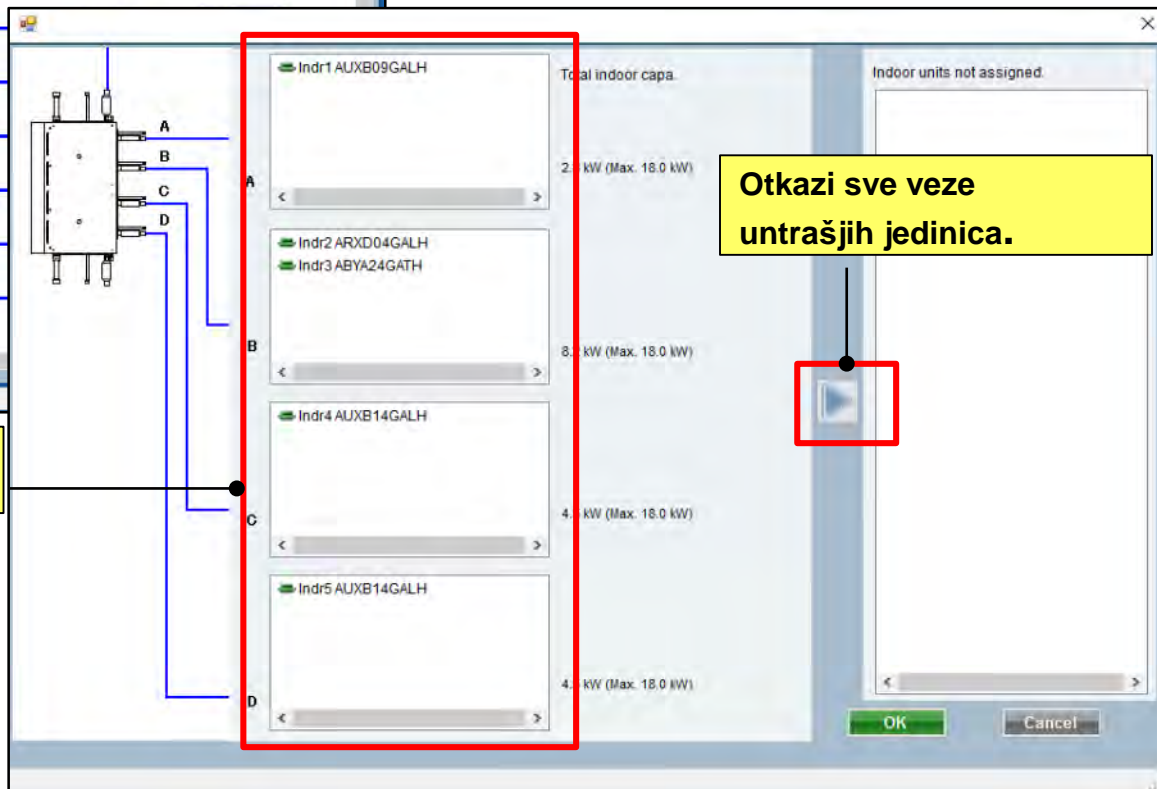


Izaberi RB multi jedinicu

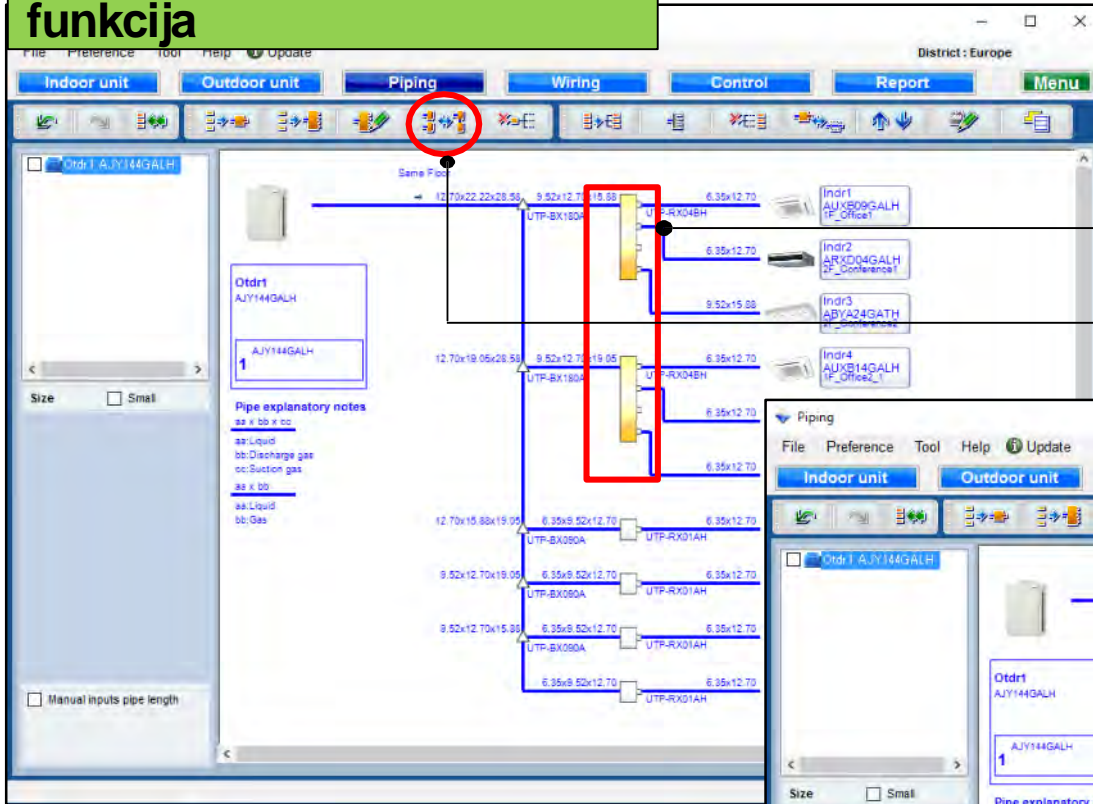
Izaberi "RB multi konfiguraciju"

Može da se izmeni način povezivanja unutrašnjih jedinica kada je RB multi.

Otkazi sve veze unutrašnjih jedinica.



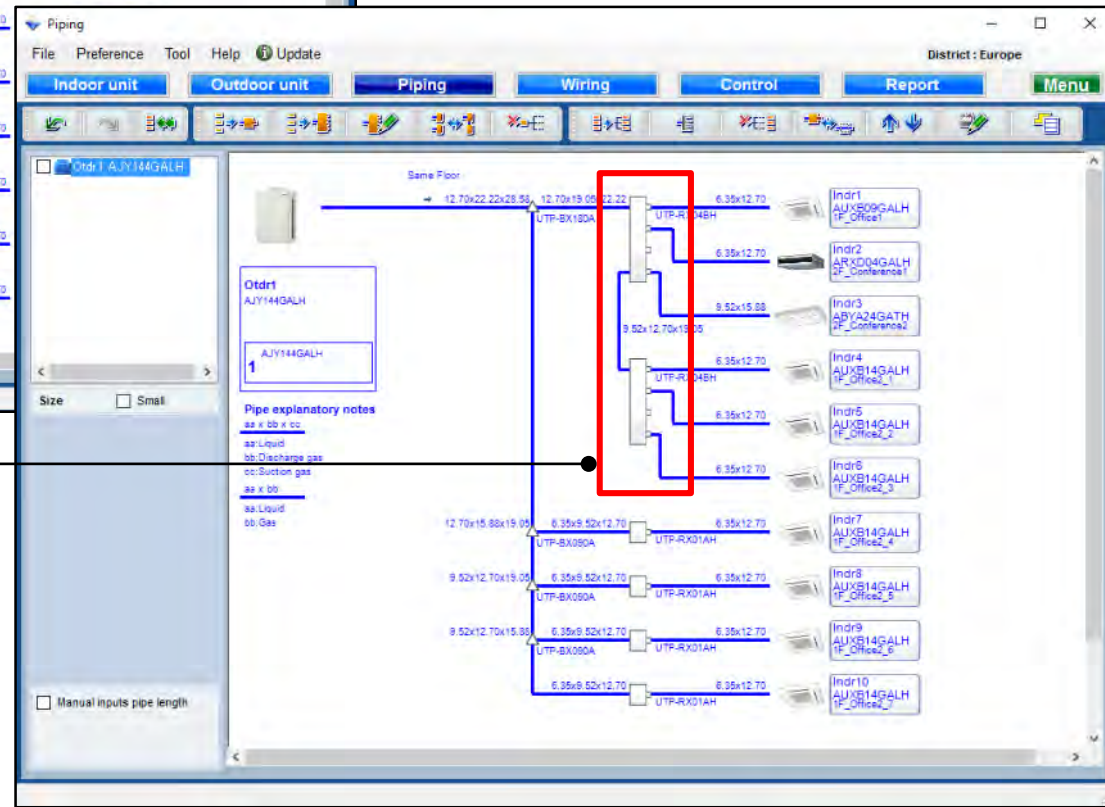
Kombinacija RB multi funkcija



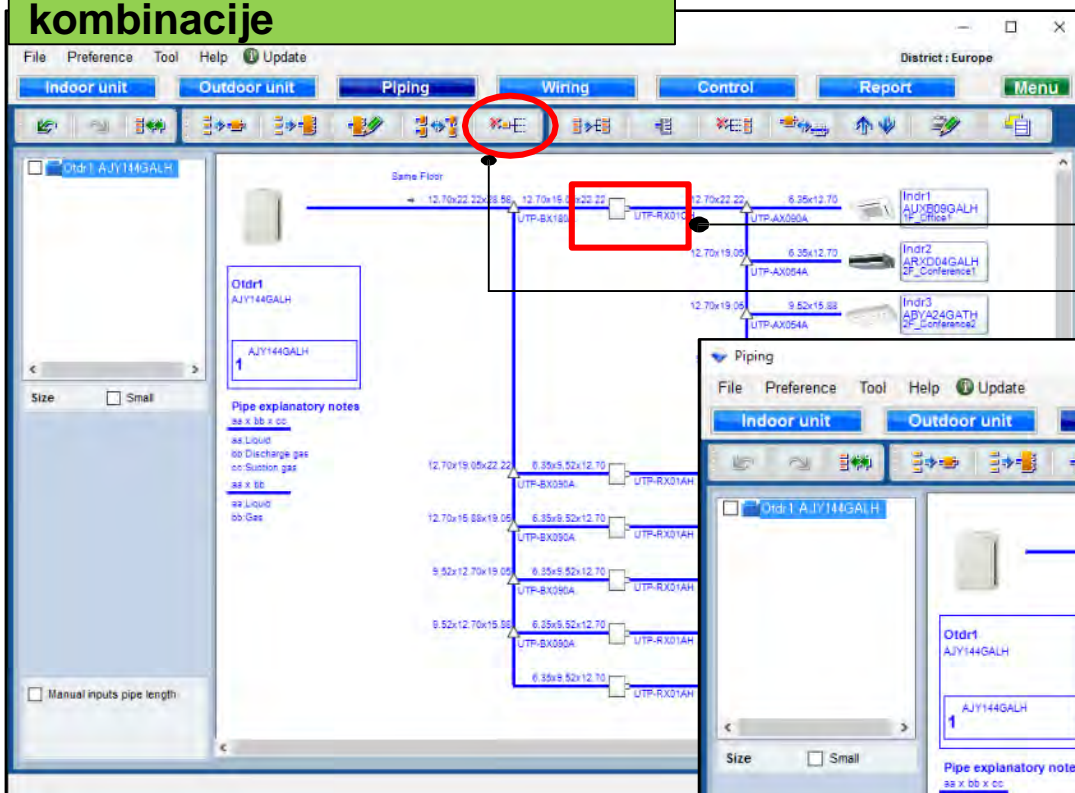
Izbor RB multi jedinica

Izbor "Kombinuj RB multi"

Kombinuj 2 RB multi groups into 1 group.



Odustajanje od željene kombinacije



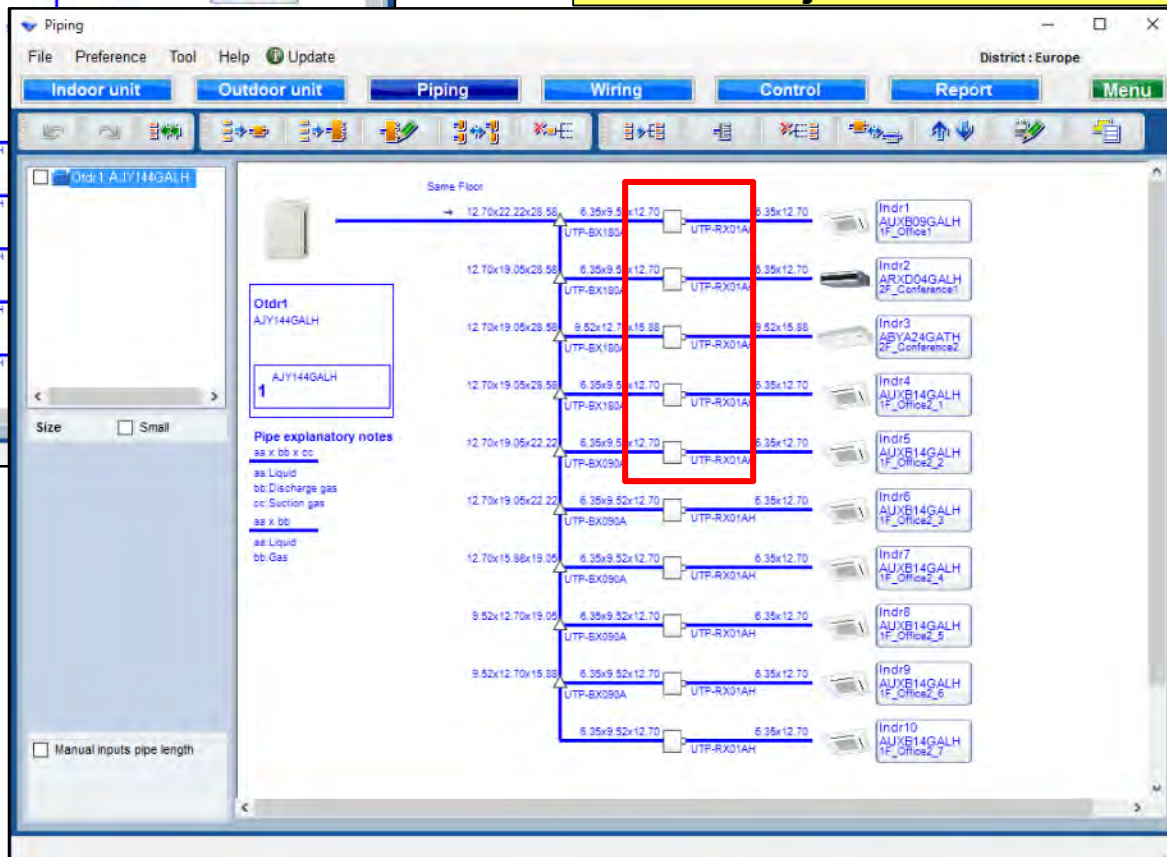
Izaberi RB jedinicu



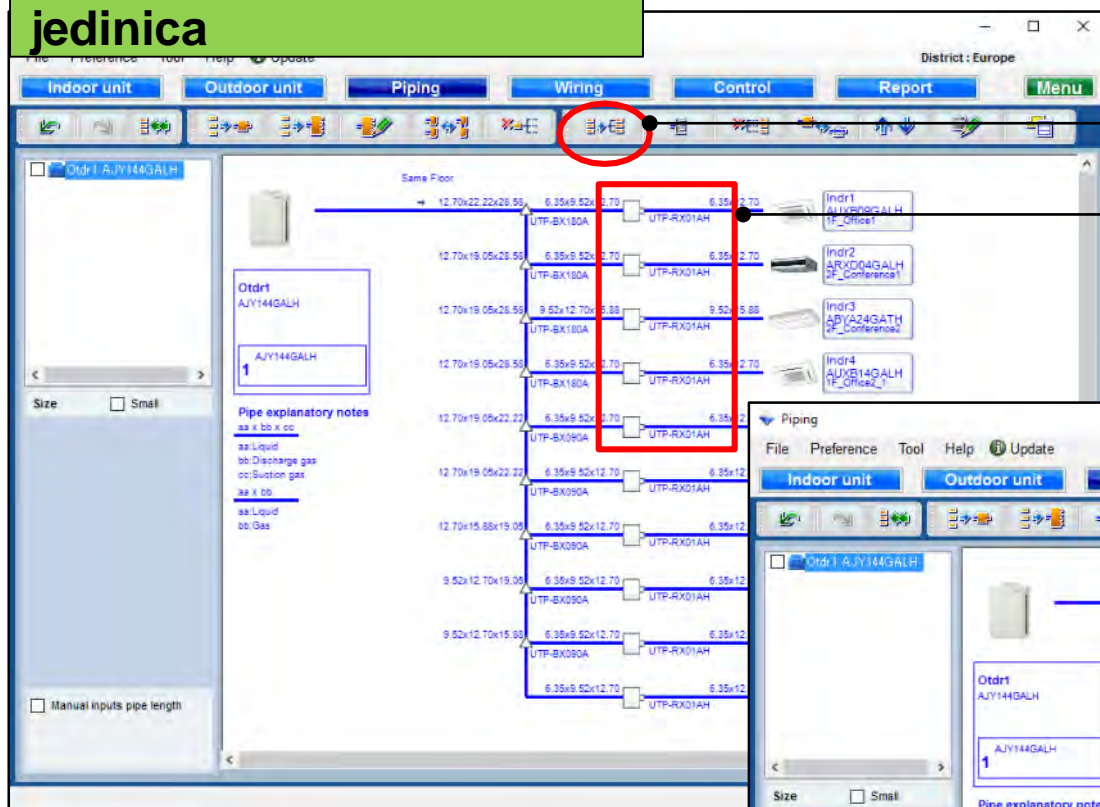
Izaberi "Odustani od kombinacije"

Odustajanjem od kombinacije

*Izbor RB multi ili sve kombinovane jedinice, mogu biti oslobođene.



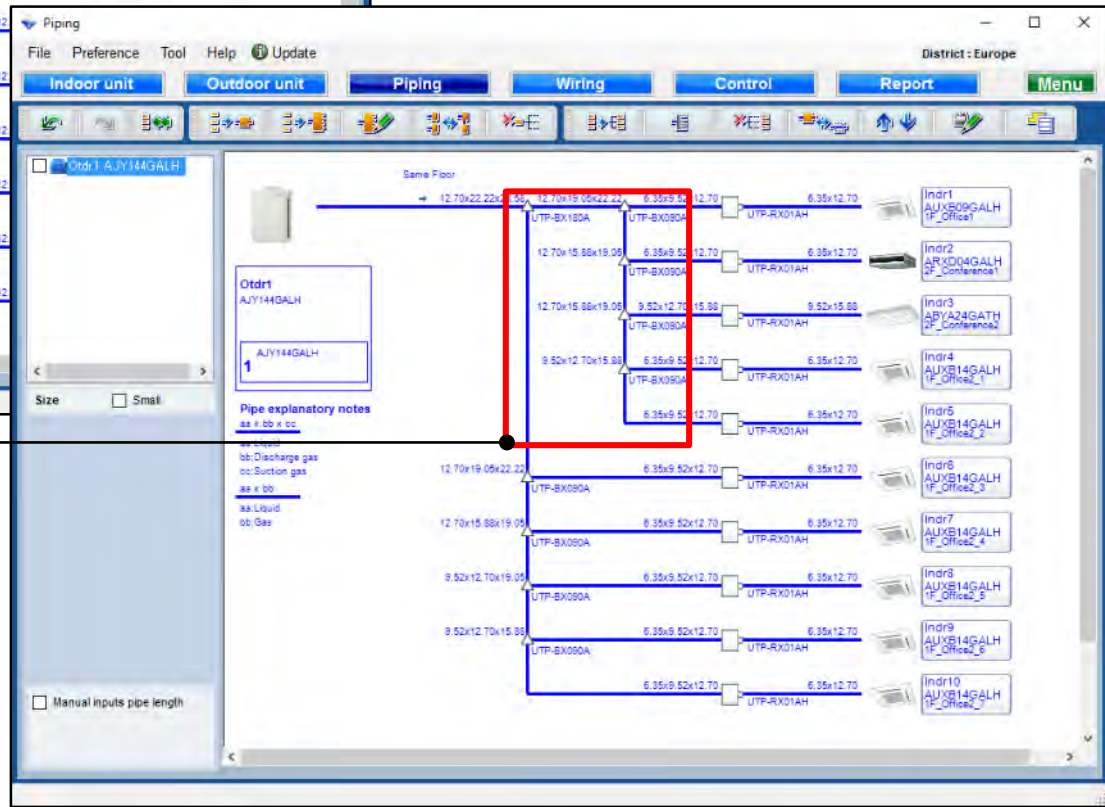
Kombinovanje unutrašnjih jedinica



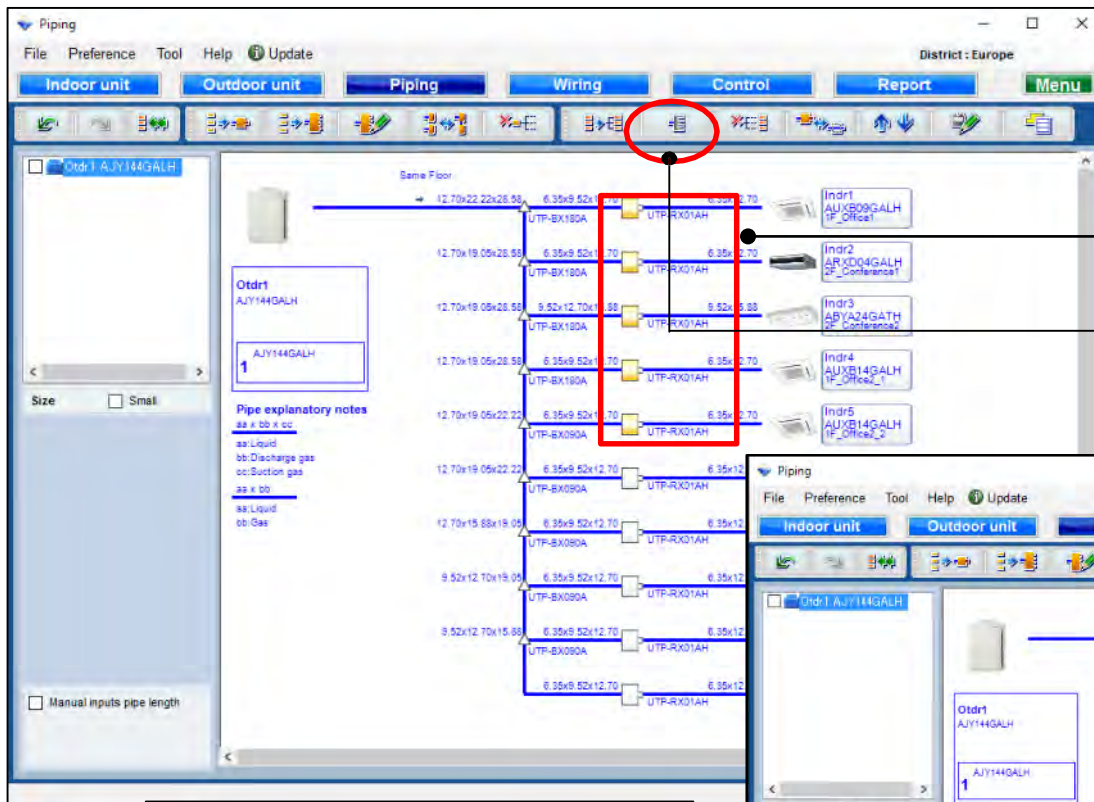
Izbor RB jedinica

Izbor "Kombinovanje unutrašnjih"

Ovaj deo se može izdvojiti.



Dodaj header funkciju

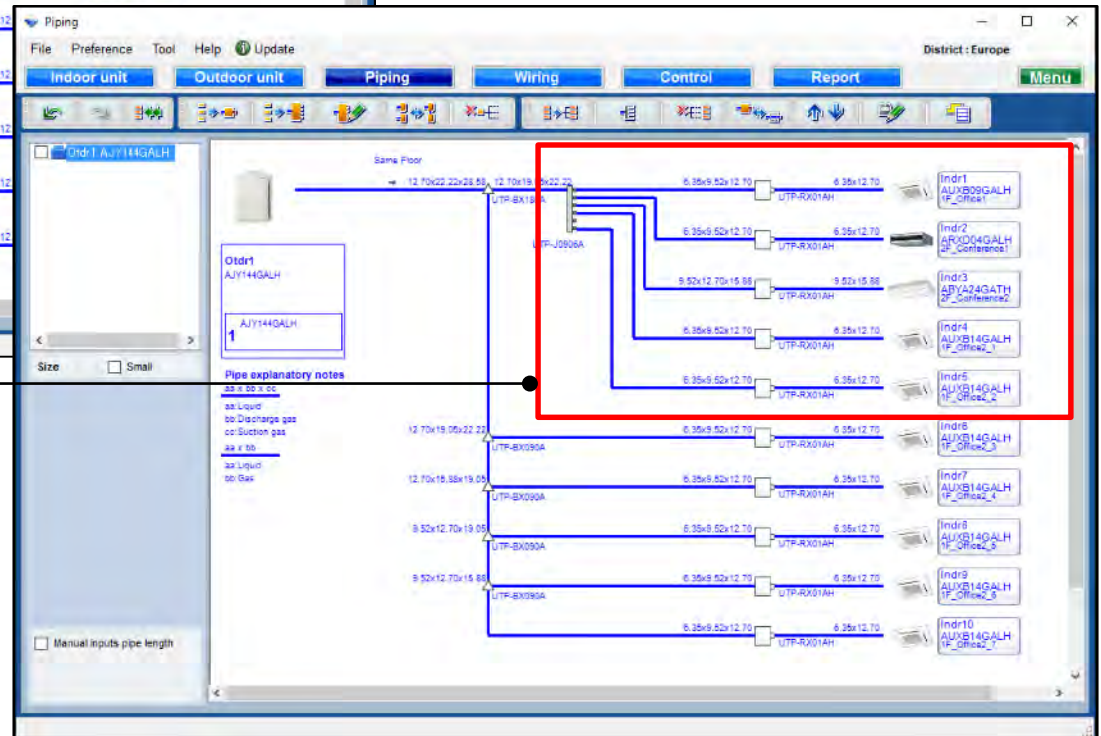


Izbor RB jedinice

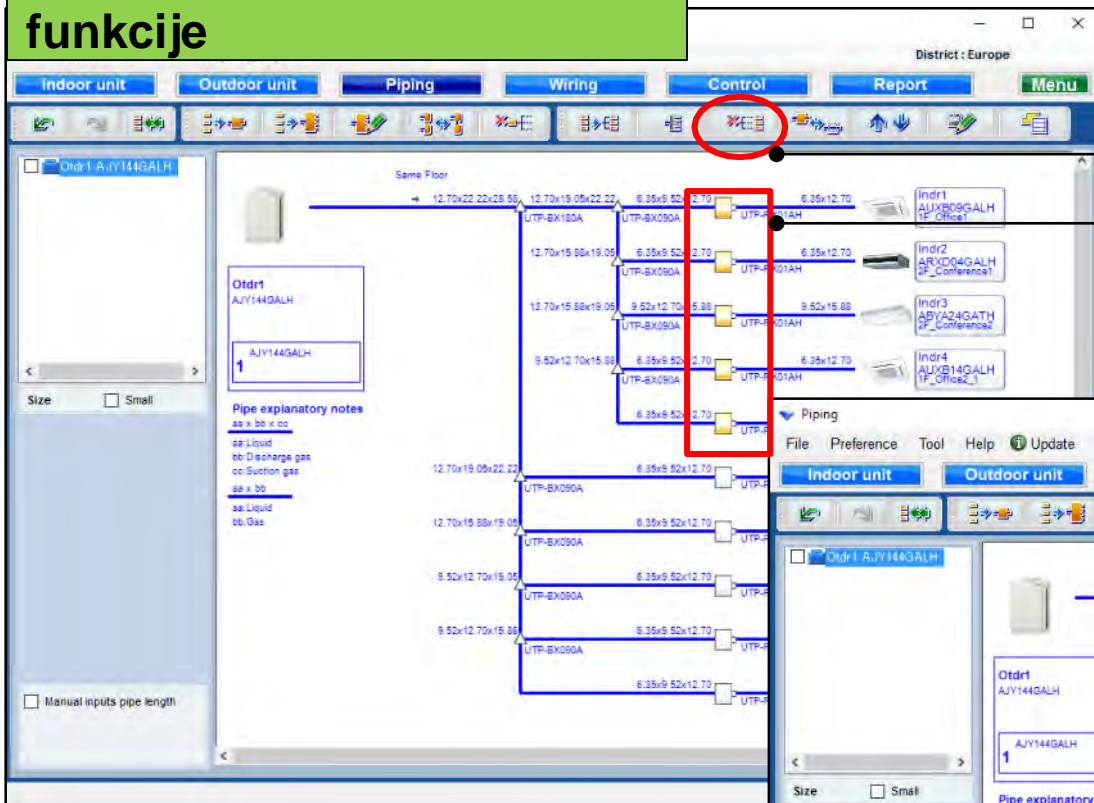


Izbor "Add header"

Kreirajte header kombinaciju



Odustati od kombinovane funkcije

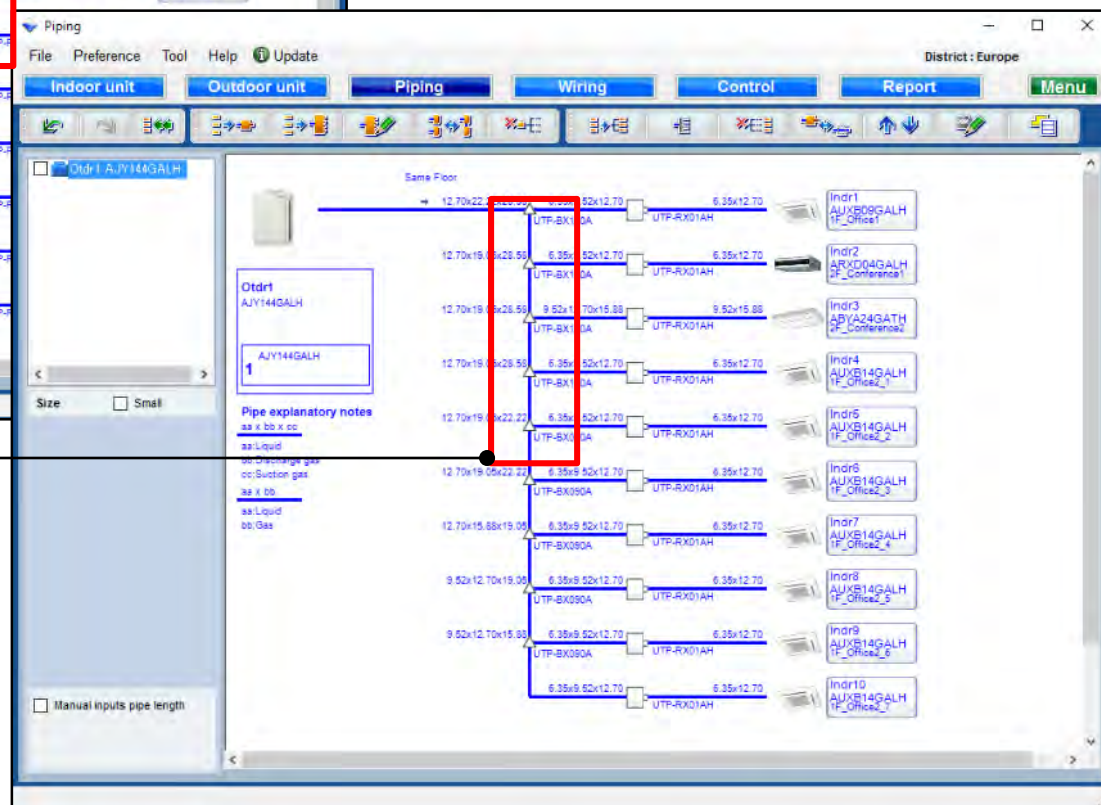


Izbor RB jedinice



Izbor "Release combine"

Odustajanje od kombinacije



Pomerite korak napred kombinaciju unutrašnjih jedinica

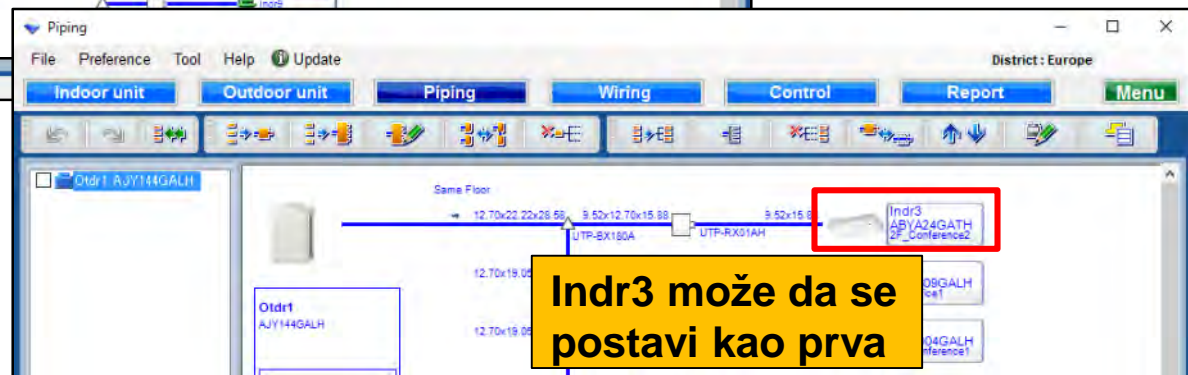


Izaberi "Korak napred kod kombinovanja unutrašnjih jedinica"

Otvori - zamenu redosleda unutrašnjih Čekiraj i potvrdi



Pomeri se korak gore



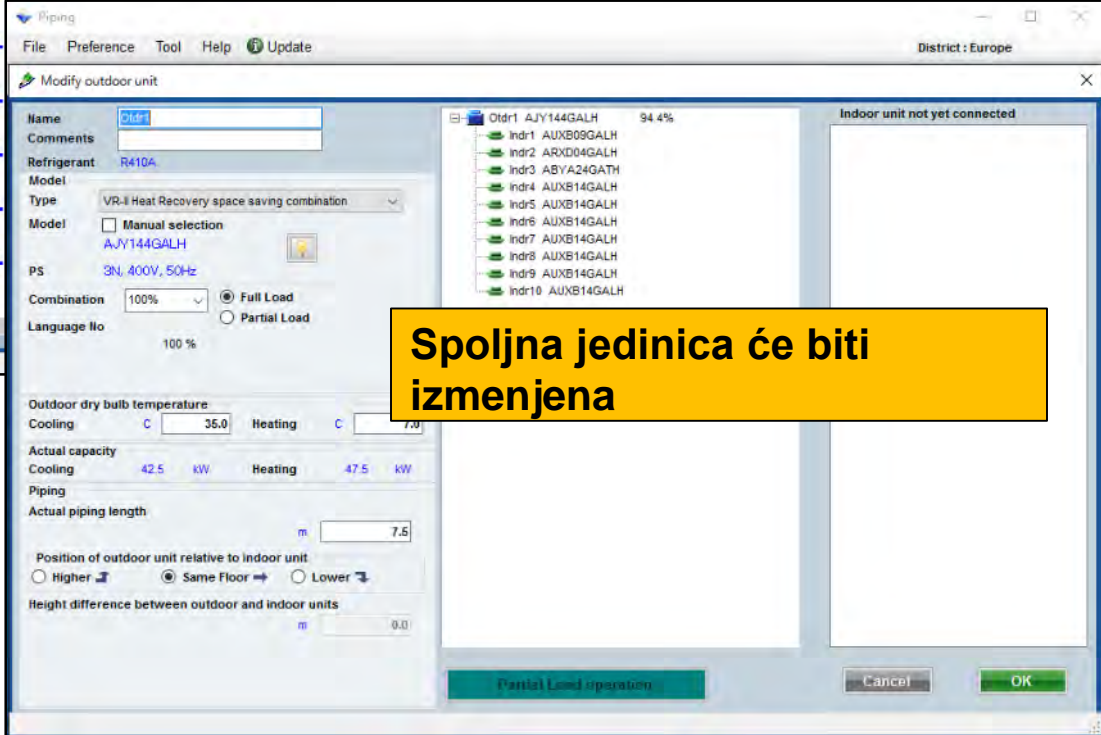
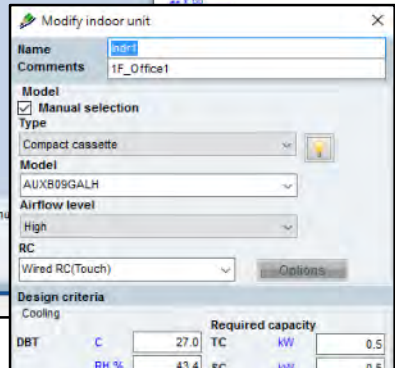
Indr3 može da se postavi kao prva

Izmeniti funkcije spoljnih i unutrašnjih jedinica



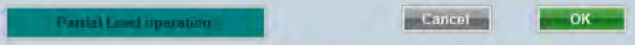
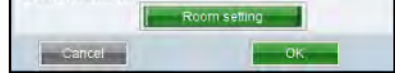
Izbor "Izmena unutrašnje ili spoljne"

Izaberi unutrašnju jedinicu

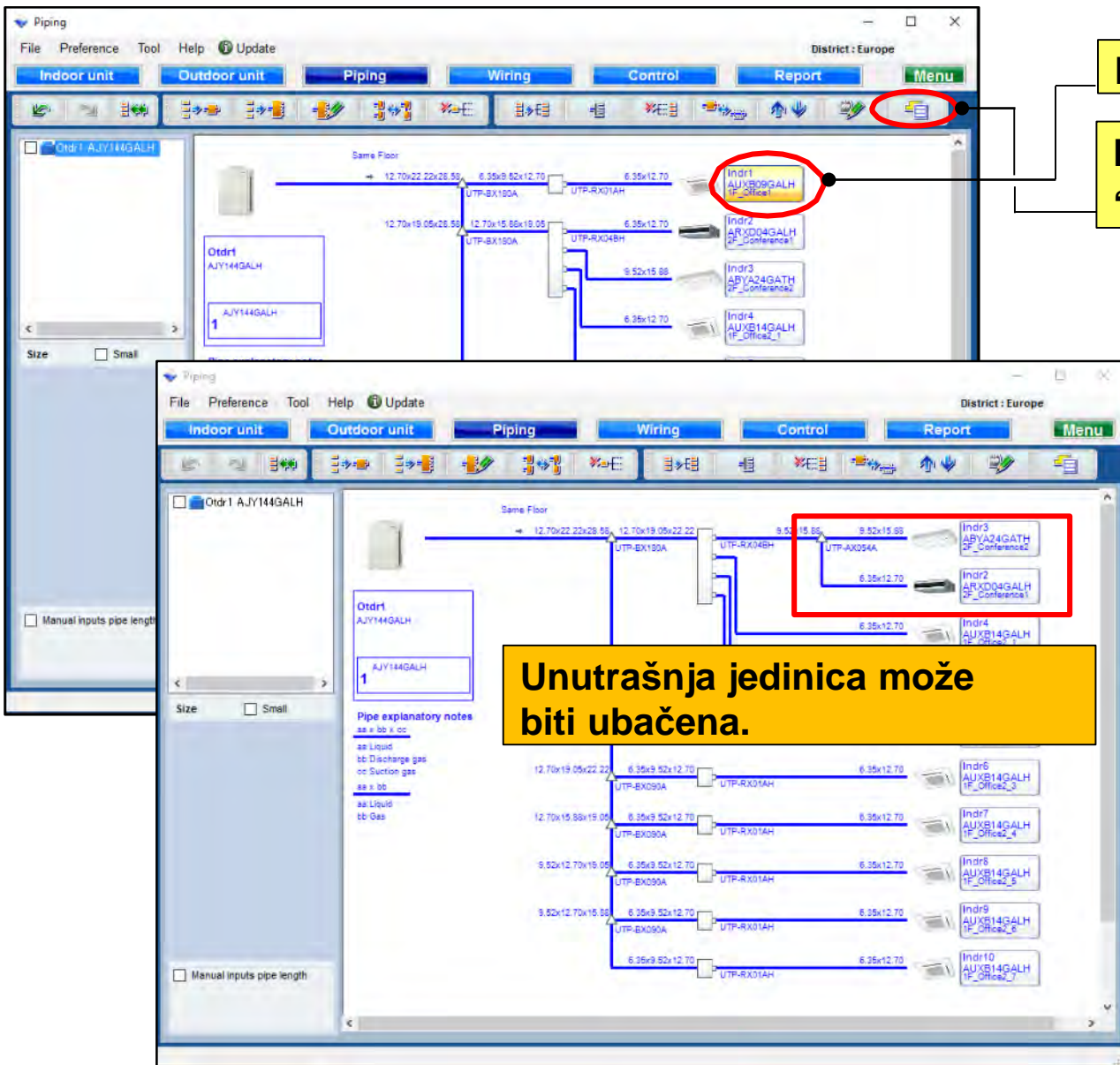


Spoljna jedinica će biti izmenjena

Prilikom izbora unutrašnje jedinice "Izmeni unutrašnju ili spoljnu", unutrašnja jedinica će biti - izmenjena.

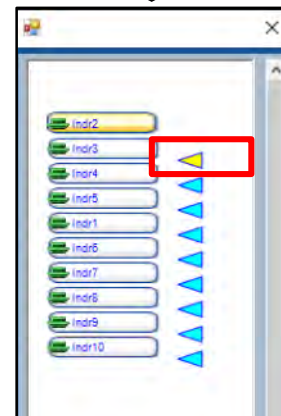


Ubaciti funkciju



Izaberi unutrašnju jedinicu

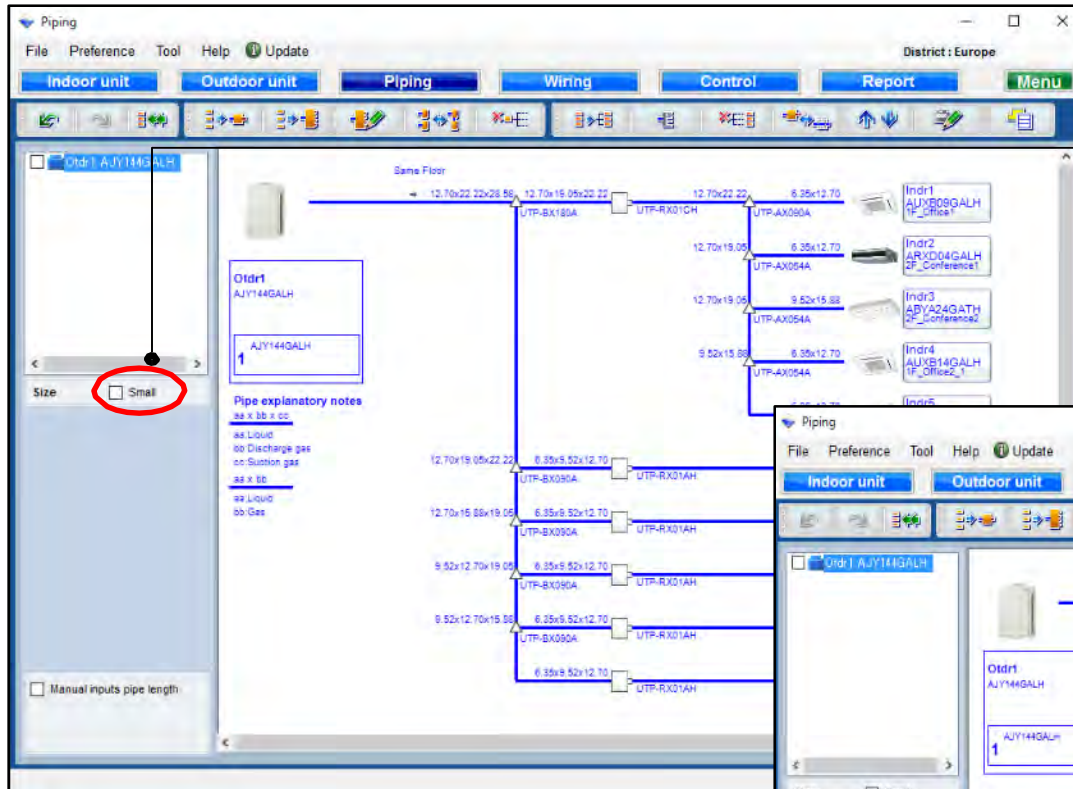
Izaberi
"Ukloni, ubaci ili poništi"



Unutrašnja jedinica može biti ubačena.

Odredi položaj ubacivanja unutrašnje jedinice.

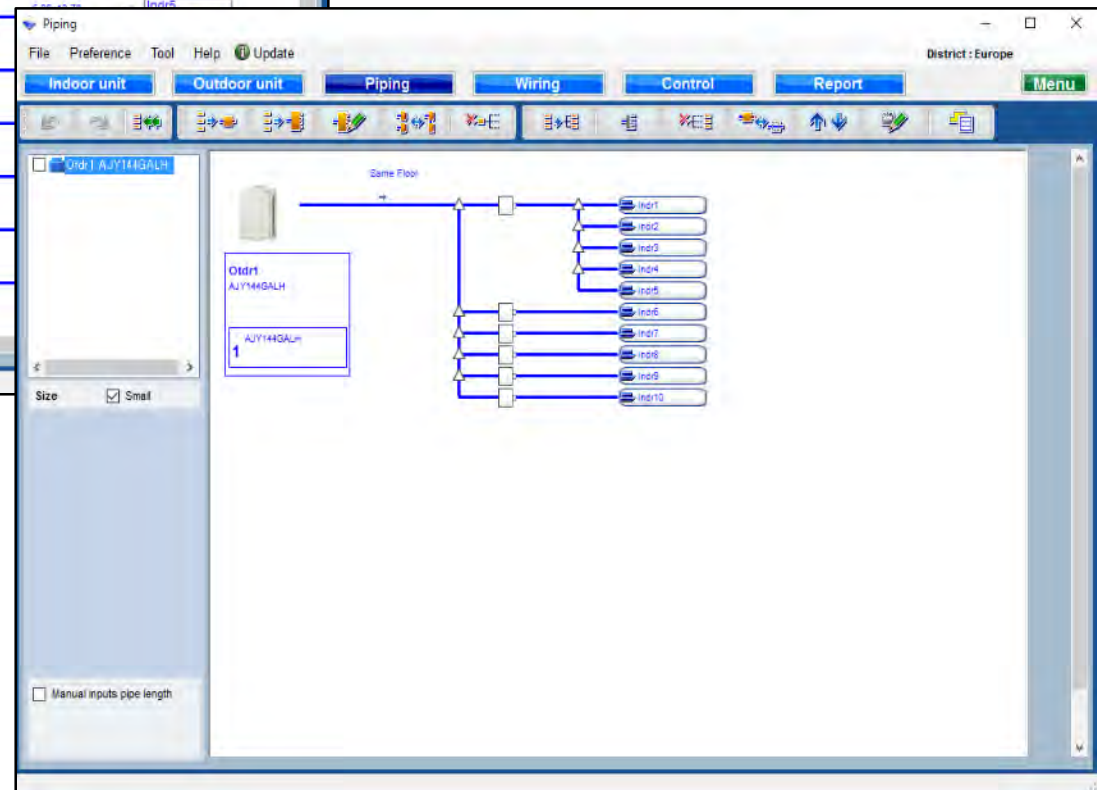
Mali pregled funkcija



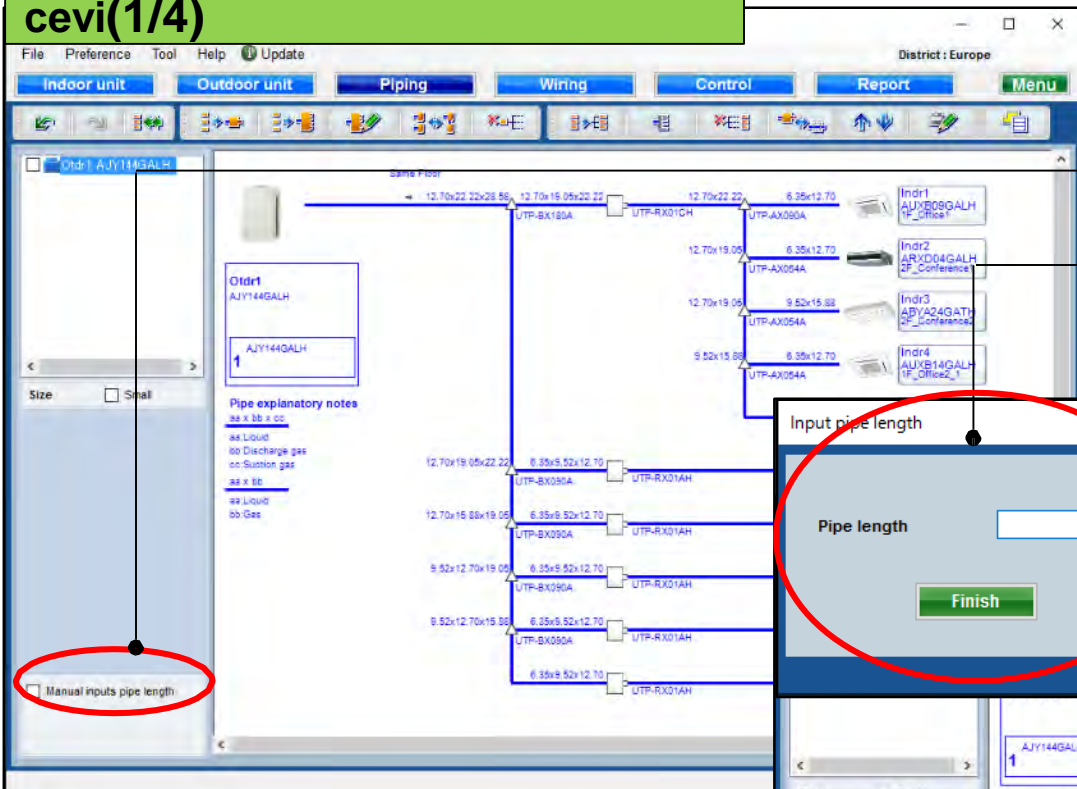
Izaberi "Small"



Izmenilo se u malo promena.



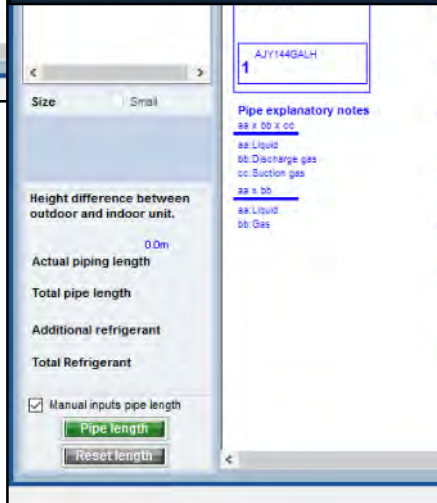
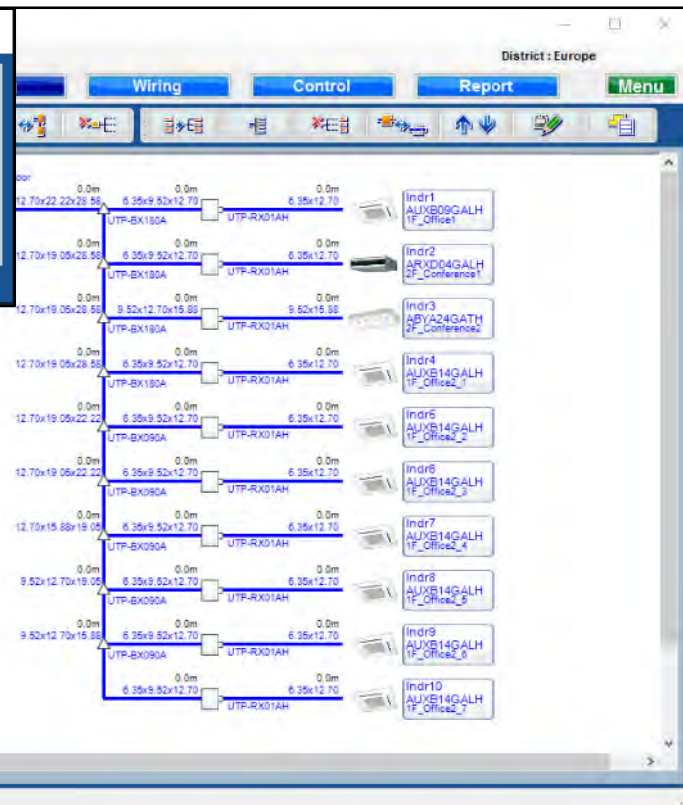
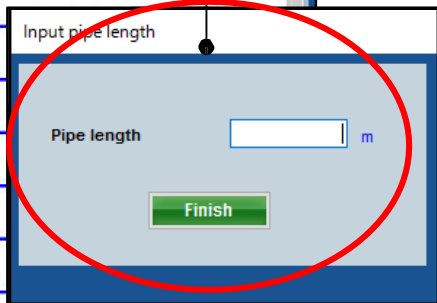
Funkcija podešavanja dužine cevi(1/4)



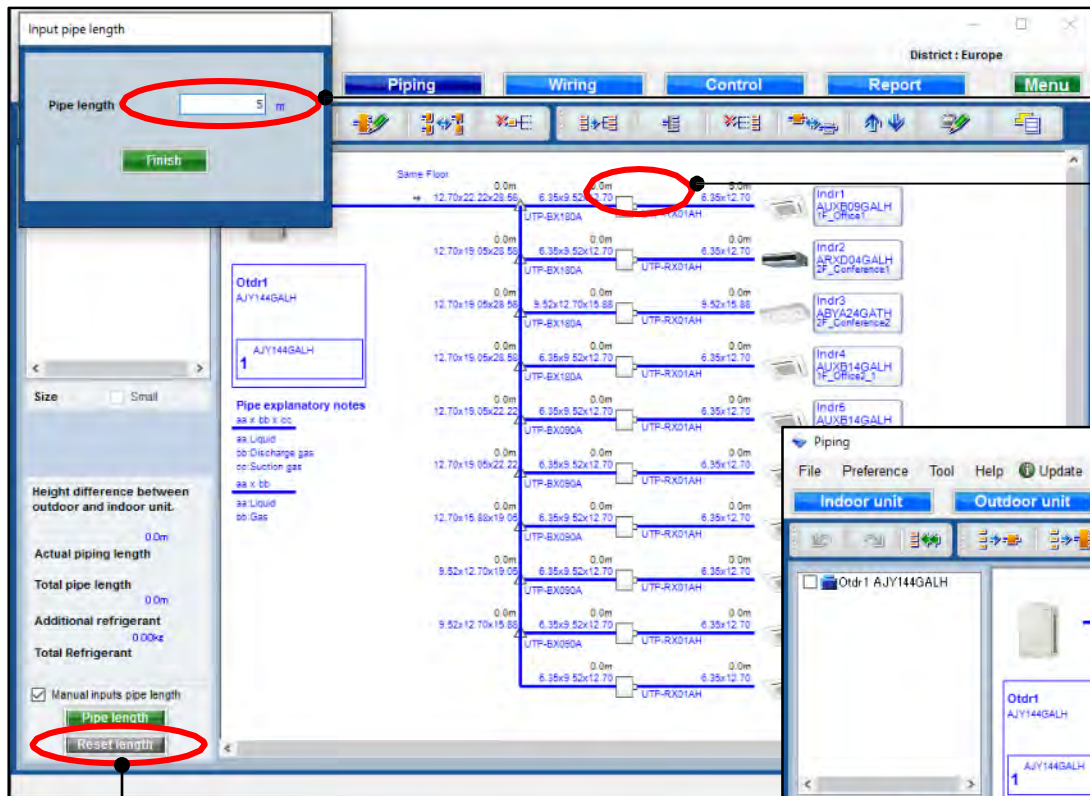
Izaberi "Ručni unos dužine cevi"



Otvoriti ekran za ručni unos dužine cevi



Funkcija podešavanja cevi (2/4)

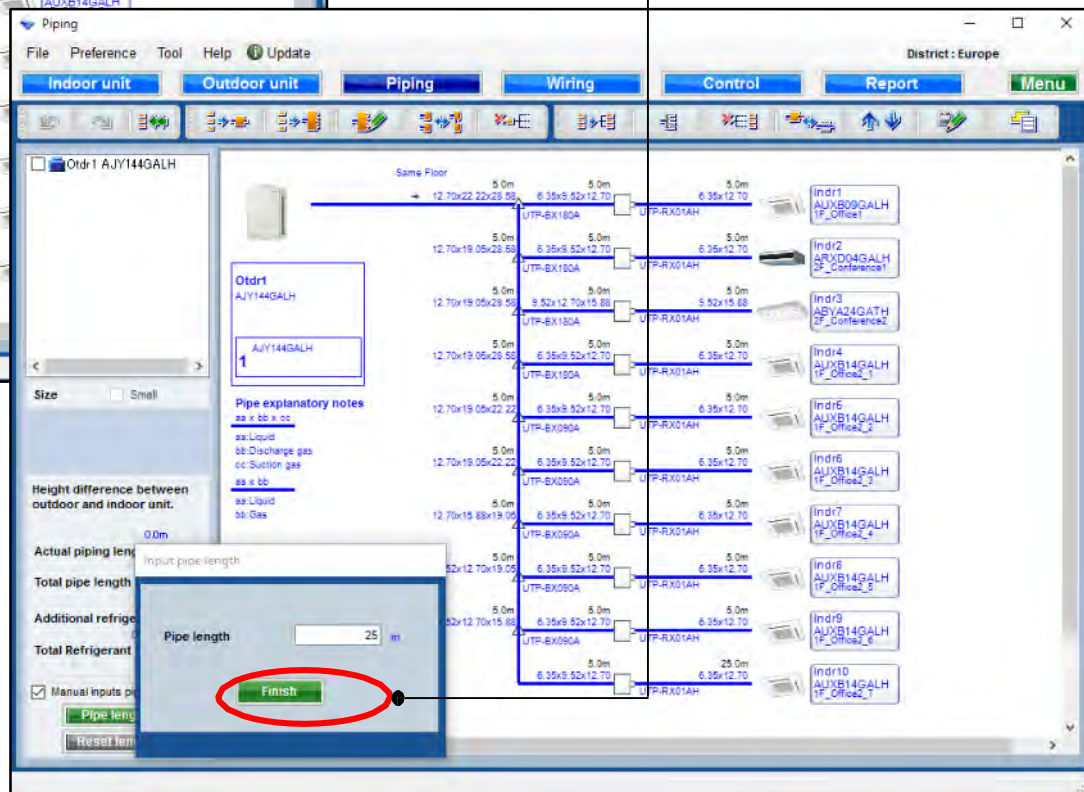


Unesite dužine podešavanja cevi

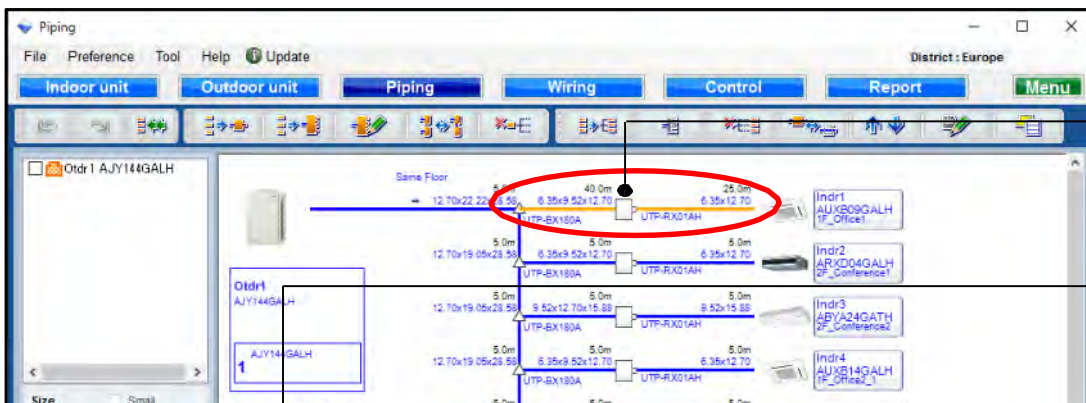
Izaberi sve cevi

Posle izabranih dužina -
pritisni "Finish"

Resetovanje svih dužina i
vraćanje na polazne
parametre.

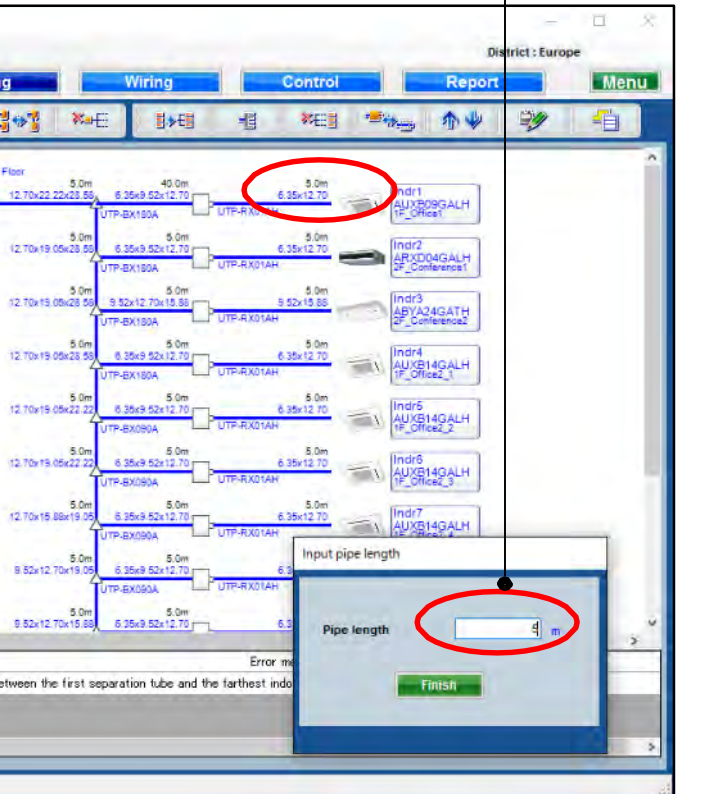
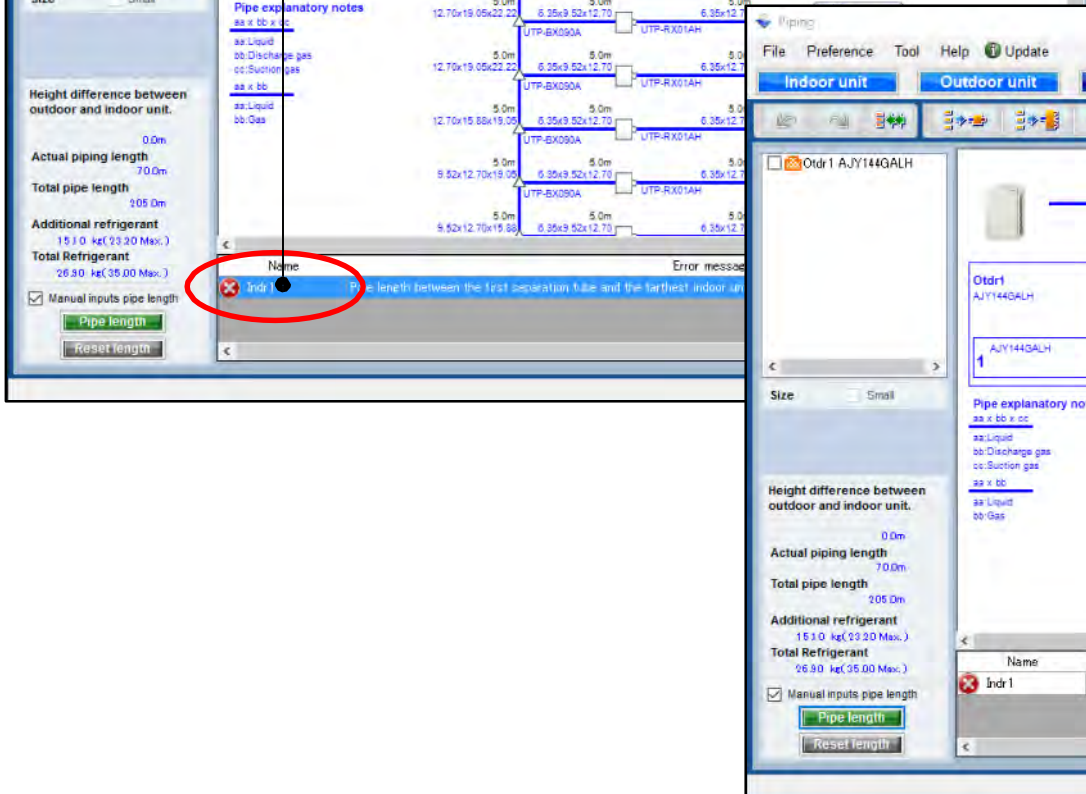


Funkcija podešavanja cevi(3/4)



Upozorenje daje informaciju o greškama koje su sve unesene ili prelazi ograničenja.

Ponovi, selektuj "Finish"



Funkcija podešavanja cevi(4/4)

The screenshot displays the 'Piping' software interface. The main window shows a piping layout for 'Same Floor' with various pipe segments and indoor units (Indr1 to Indr9). The left sidebar contains a tree view with 'Otdr1 AJY144GALH' selected. The bottom-left control panel includes the following fields and buttons:

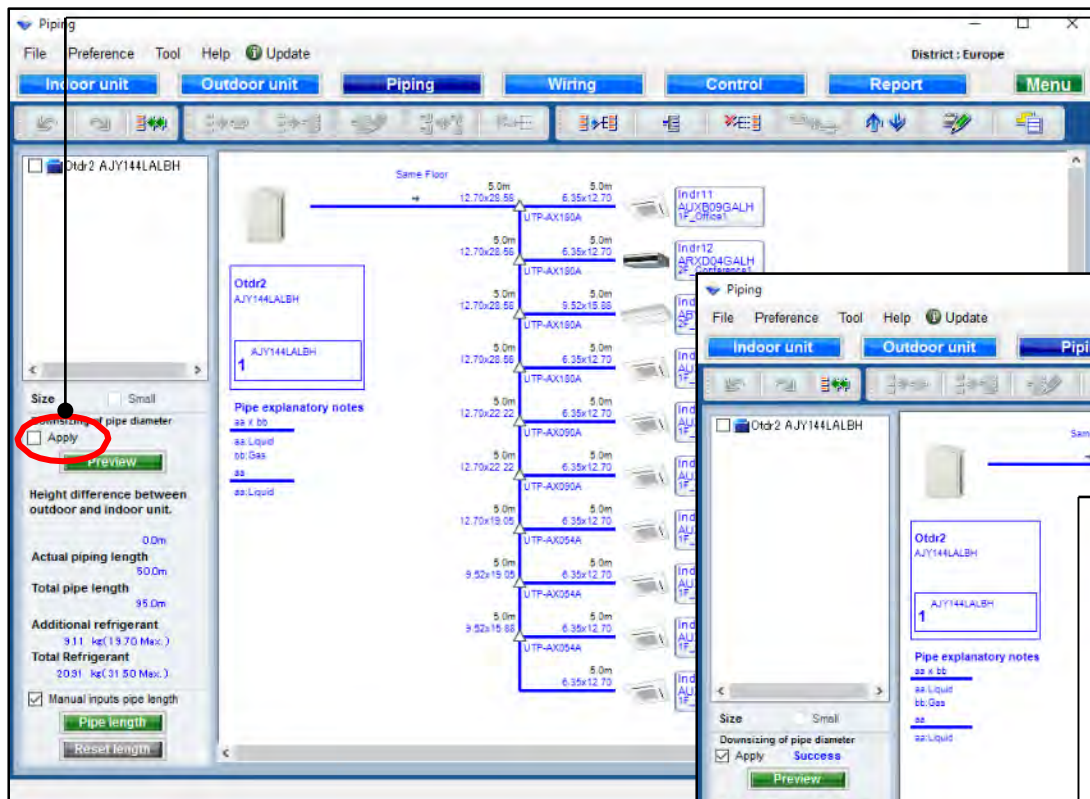
- Height difference between outdoor and indoor unit: 0.0m
- Actual piping length: 60.0m (circled in red)
- Total pipe length: 185.0m
- Additional refrigerant: 14.68 kg(23.20 Max.) (circled in red)
- Total Refrigerant: 26.48 kg(39.00 Max.)
- Manual inputs pipe length
- Buttons: Pipe length, Reset length

Two yellow callout boxes provide additional information:

- Prikaz trenutne dužine cevovoda : izabrana i registrovana dužina.** (Indicates the current pipe length shown in the software.)
- Dodatna količina rashladnog fluida se automatski izračunava i dodaje.** (Indicates that additional refrigerant is automatically calculated and added.)

Smanjivanje prečnika cevi(1/2)

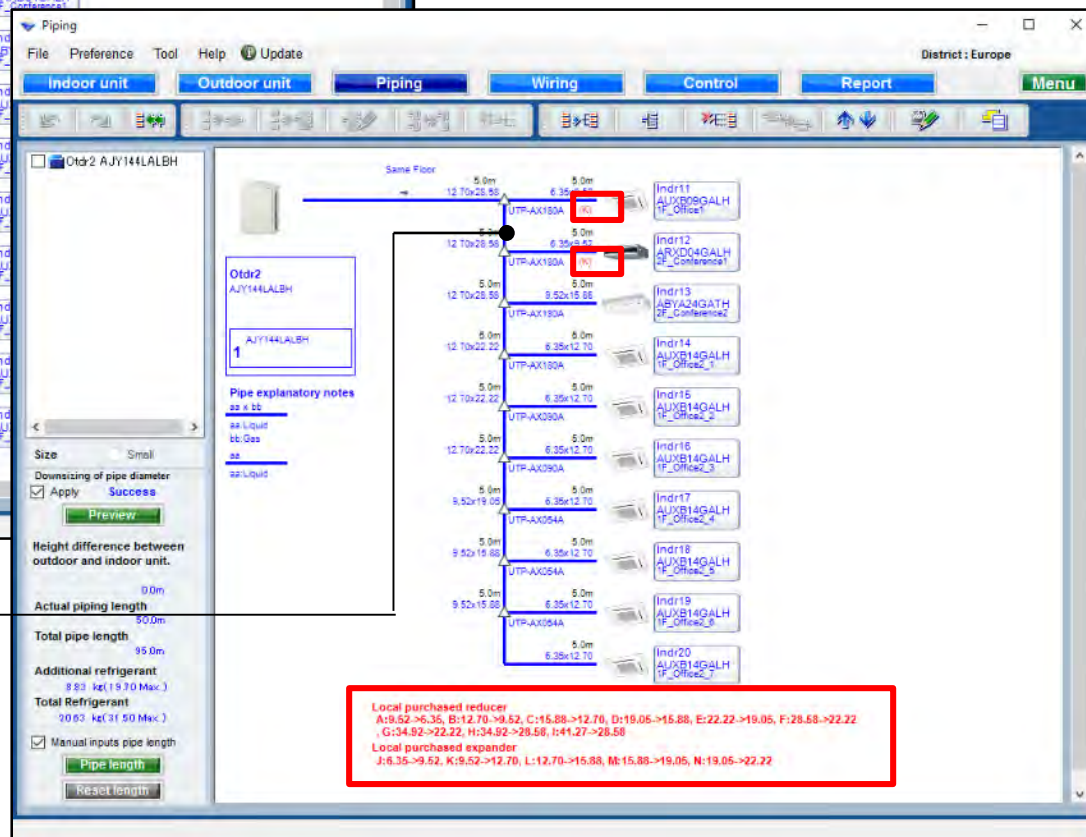
*V-III serija samo na ciljanom području



Izaberi "Primeni"



Smanjivanje prečnika cevi



Kada je potrebna redukcija cevi prikazuje se.

Smanjivanje prečnika cevi(2/2)

The screenshot shows the 'Piping' window with various tabs like 'Indoor unit', 'Outdoor unit', 'Piping', 'Wiring', 'Control', and 'Report'. The main area displays a piping diagram with various components and units. On the left, there are settings for 'Otdr2 AJY144LALBH' and a 'Preview' button is circled in red.

Izaberi "Pregled"

Prikaz "Smanjenje prečnika cevi"

The dialog box titled 'Downsizing of pipe diameter' contains a table with the following data:

Pipe Size (mm)	Normal (m)	Downsizing (m)	Difference (m)
6.35	45.0	45.0	0.0
9.52	15.0	30.0	15.0
12.70	80.0	65.0	-15.0
15.88	10.0	15.0	5.0
19.05	10.0	5.0	-5.0
22.22	10.0	15.0	5.0
28.58	20.0	15.0	-5.0
Downsized pipe length			25.0
Refrigerant (kg)	9.11	8.83	0.28

Below the table, there is a text box with the following text:

If you input the lengths of the pipes and their length are based on the following condition, you can downsize the pipe size.

- Between outdoor unit to outdoor unit branch kit ,
Between outdoor unit branch kits or outdoor unit branch kit to first separation tube :
The length between master out door unit and the farthest indoor unit should be 70.0m or less.
- Between separation tubes :
The length between master out door unit and the farthest indoor unit should be 120.0m or less,
and the length between the first separation tube and the farthest indoor unit should be 60.0m or less.
- Between separation tube to indoor unit :

Prikaz razlike, pre i posle smanjenja dimenzija cevi i rashladnog fluvida.

Тръбно трасе

Design simulator

Outdoor unit data

Name	Otdr1		
Comments			
Refrigerant	R410A		
Model	VR-4 Heat Recovery space saving combination		
Type	AJY144GALH		
PS	3N, 400V, 50Hz		
Combination	Actual	94.4%	Max. 100%
Capacity	Cooling	45.0 kW	Heating 50.0 kW
Actual capacity	Cooling	42.5 kW	Heating 47.5 kW
Indoor connect count	10		
Total indoor capa	Cooling	42.5 kW	Heating 47.5 kW
Outdoor temp.	Cooling	35.0C	Heating 7.0C

Piping

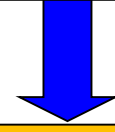
Actual piping length 7.5m

Height difference between outdoor and indoor units 0.0m

Position of outdoor unit relative to indoor unit Same Floor

Capacity	TC	SC	HC
Required	7.0	5.0	0.0
Actual	7.1	5.0	8.0

Изберете "Тръбно трасе"



Създава схема на тръбното трасе

Визуализира размер на тръбата, модели външни и вътрешни тела, както и газови разпределители.

Piping

Same Floor

Indr1 AUXB09GALH (F_Office1)

Indr2 ARXD04GALH (F_Conference1)

Indr3 ABYA24GATH (F_Conference2)

Indr4 AUXB14GALH (F_Office2_1)

Indr5 AUXB14GALH (F_Office2_2)

Indr6 AUXB14GALH (F_Office2_3)

Indr7 AUXB14GALH (F_Office2_4)

Indr8 AUXB14GALH (F_Office2_5)

Indr9 AUXB14GALH (F_Office2_6)

Indr10 AUXB14GALH (F_Office2_7)

Pipe explanatory notes

aa x bb x cc

aa: Liquid

bb: Discharge gas

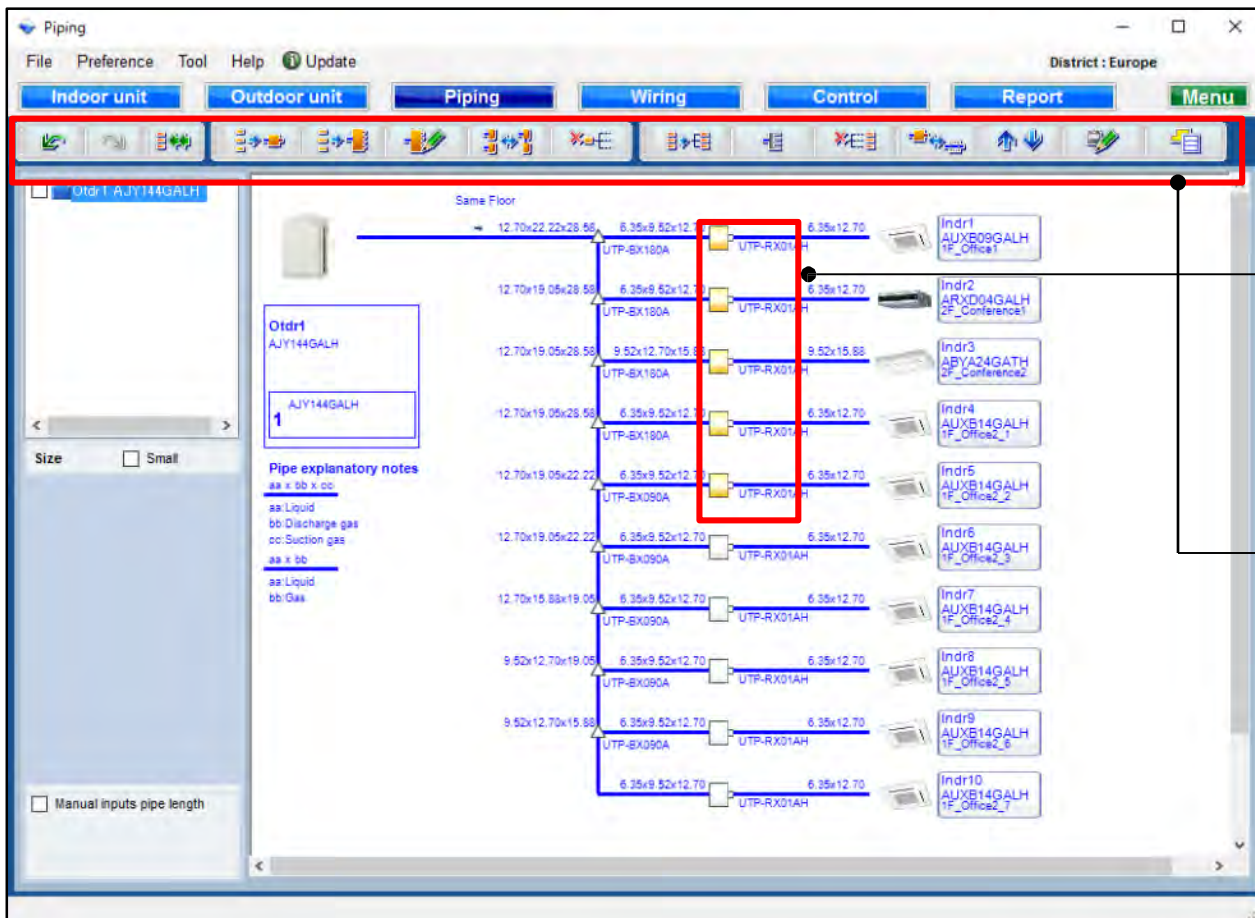
cc: Suction gas

aa x bb

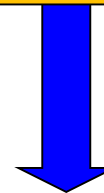
aa: Liquid

bb: Gas

Модели с термовъзстановяване Рекуперация

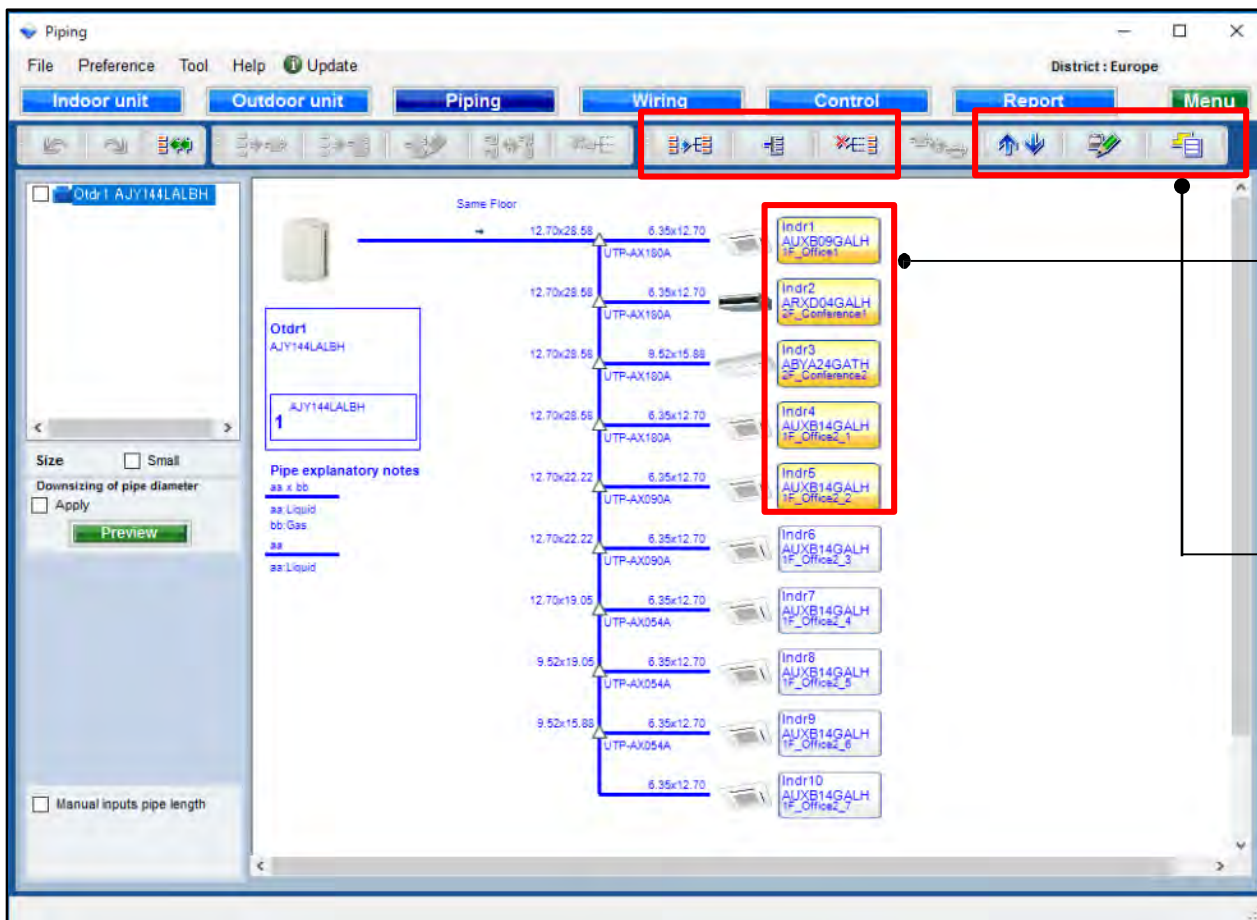


Изберете
разпределителна кутия.

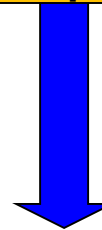


Натиснете бутона за да
промените

За термopомпен тип

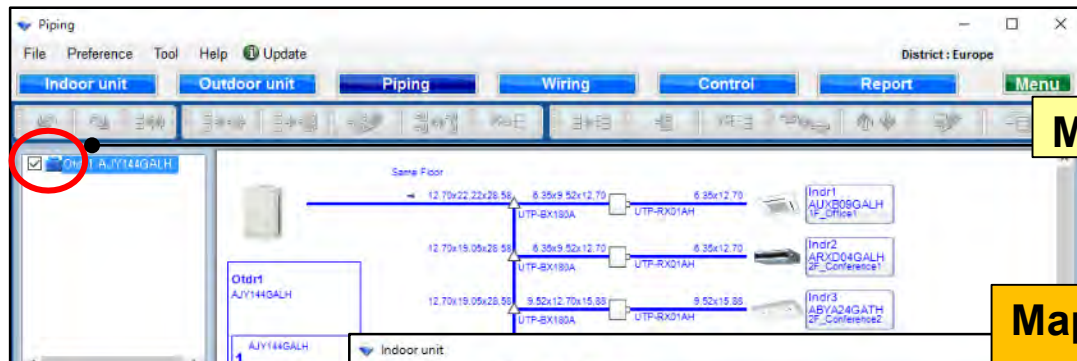


Изберете вътрешно тяло

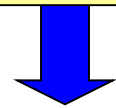


Натиснете бутона за да промените.
Някои функции са ограничени за термopомпен тип.

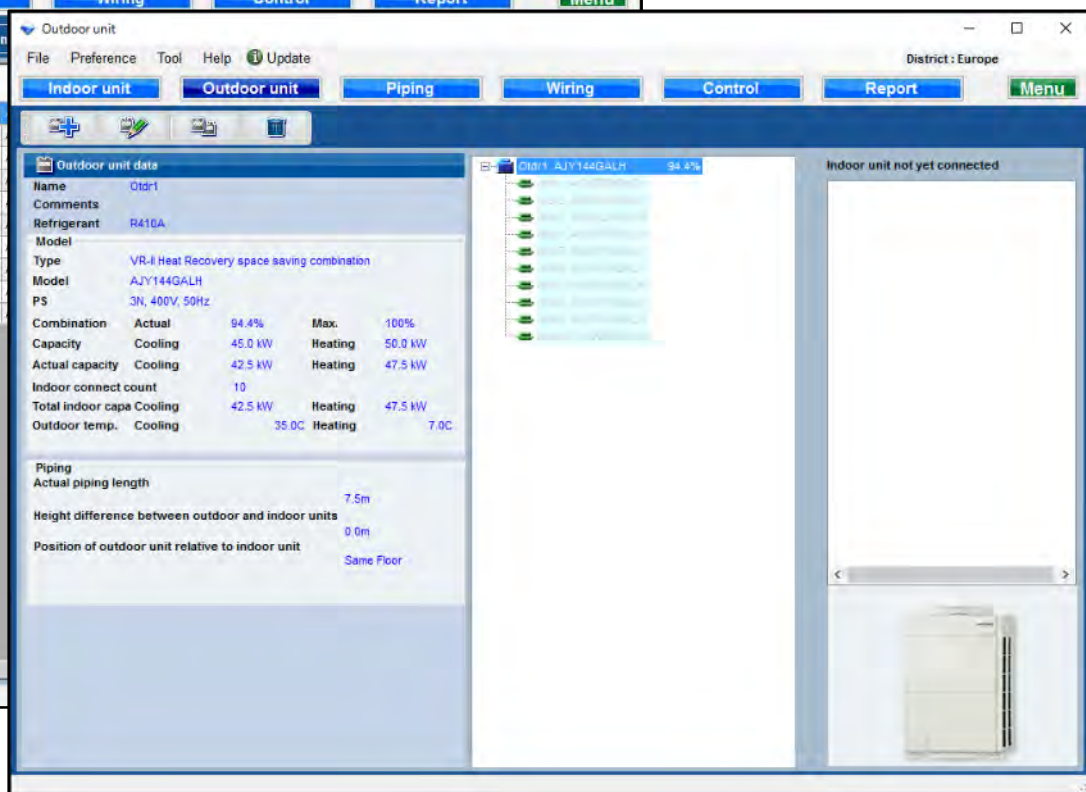
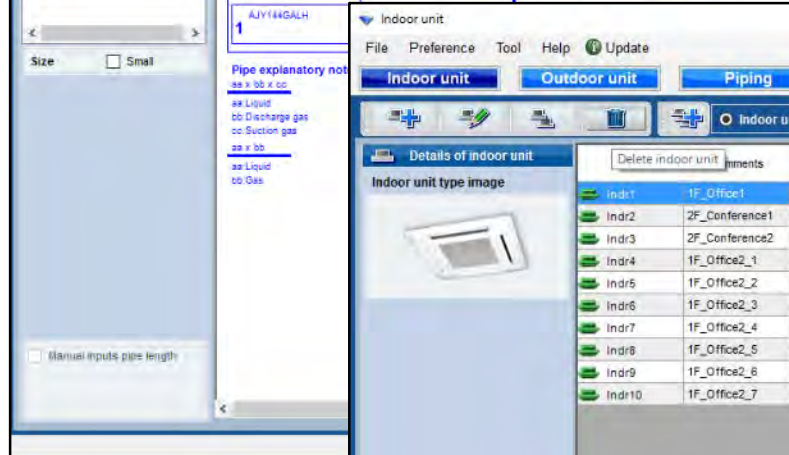
Изчисляване на хладилната система



Маркирайте хладилната система



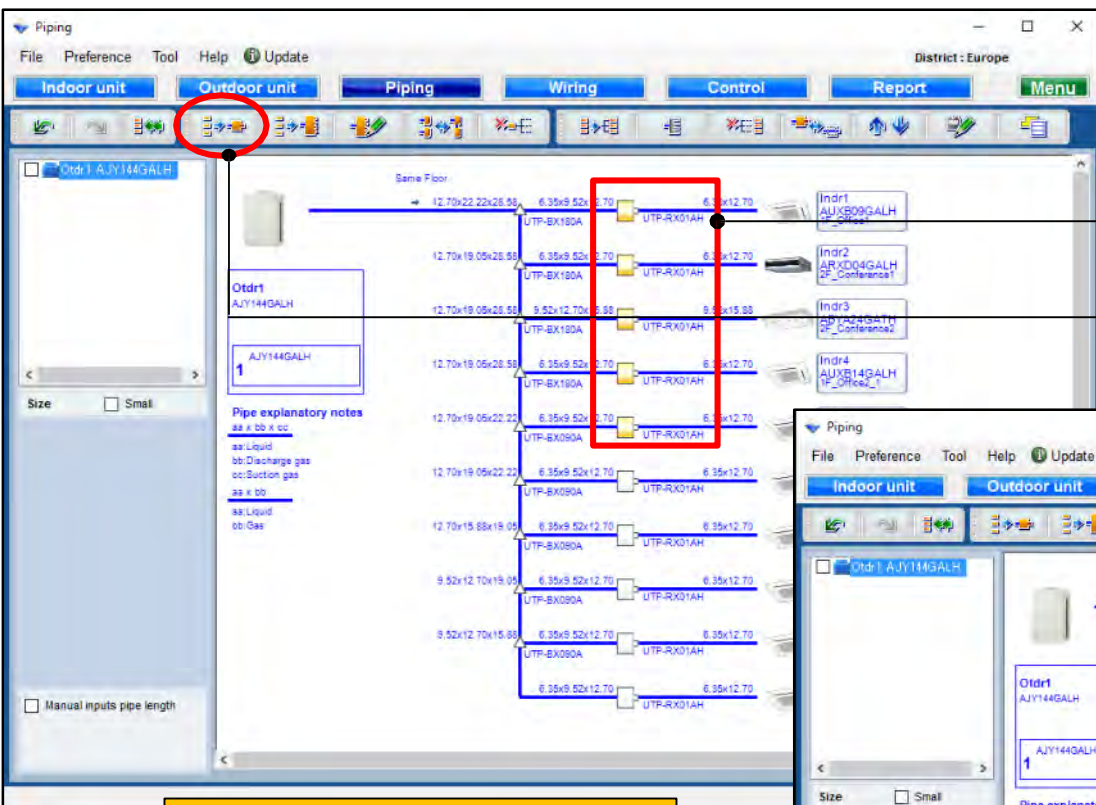
Маркирана хладилна система не може да се променя във всеки модул



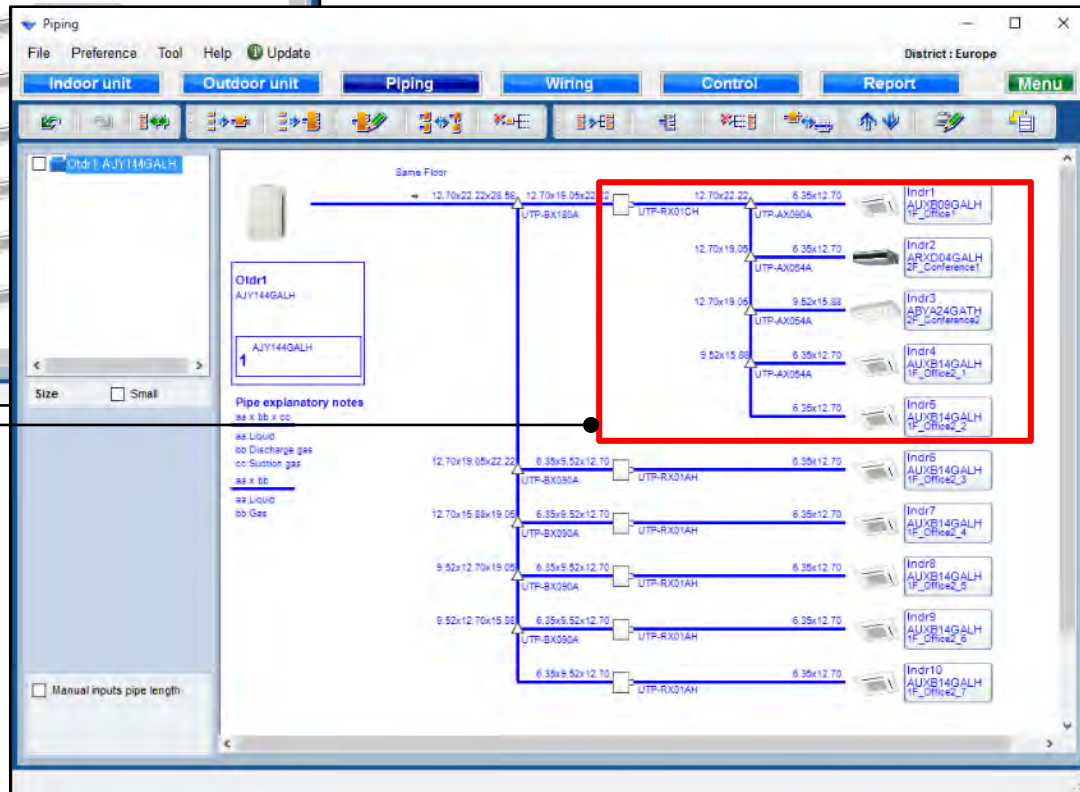
Единична разпределителна кутия

Изберете разпределителните кутии

Изберете единична кутия



Комбинируйте
вътрешните тела

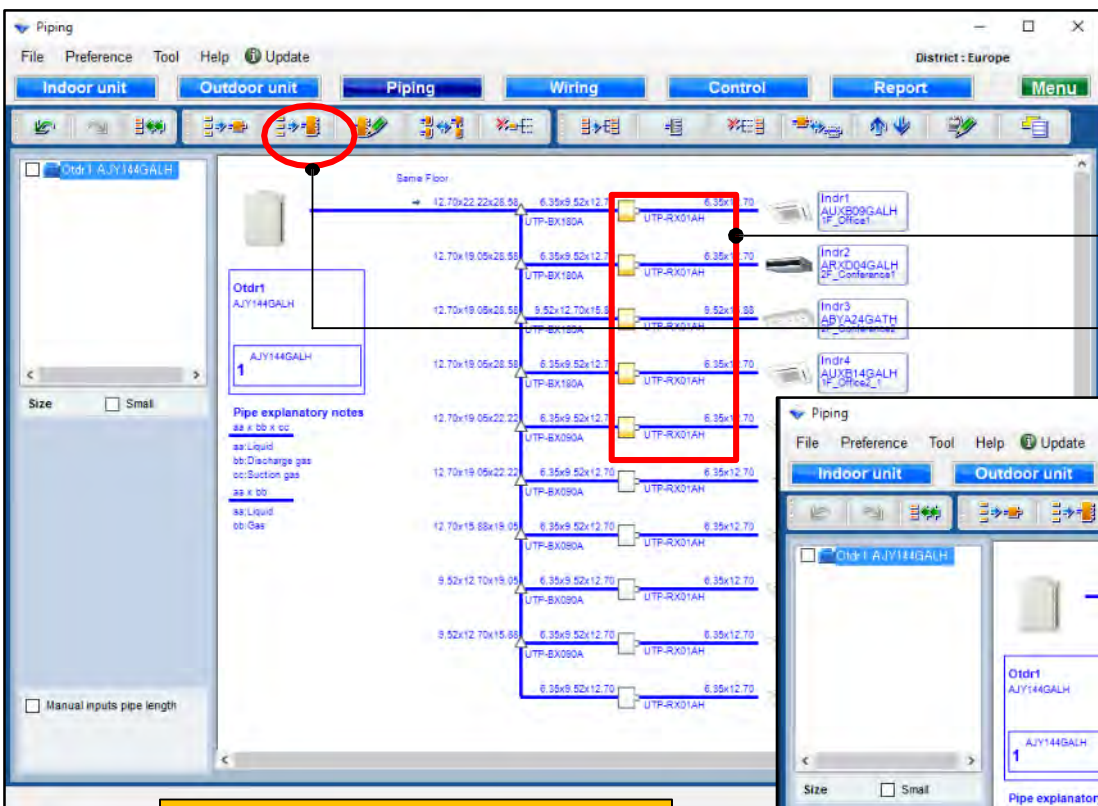


Мулти разпределителна кутия

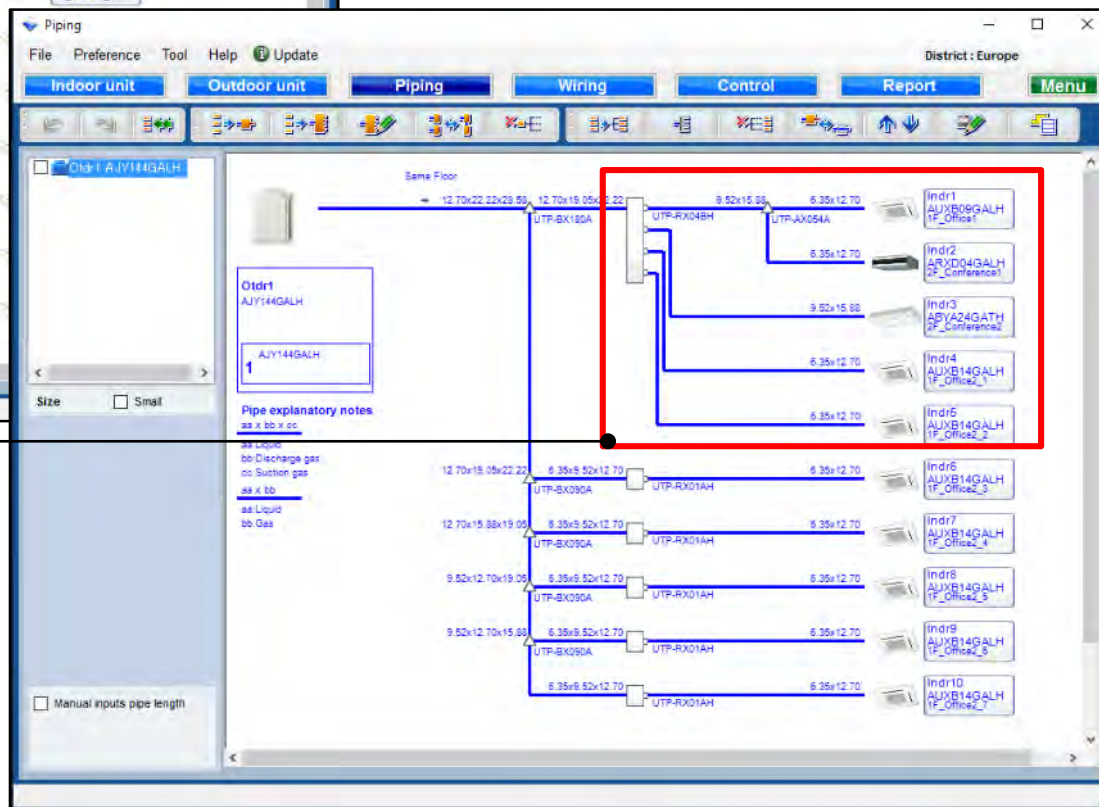
Изберете разпределителните кутии



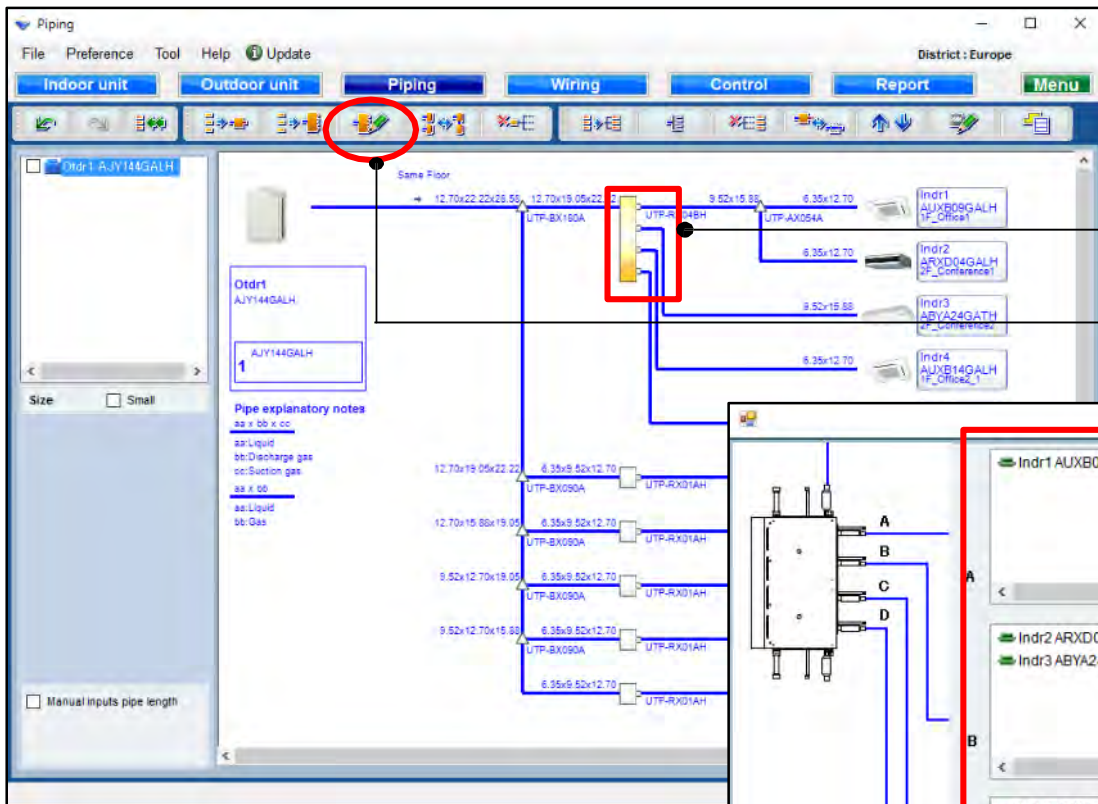
Изберете мулти кутия



Комбинируйте
вътрешните тела



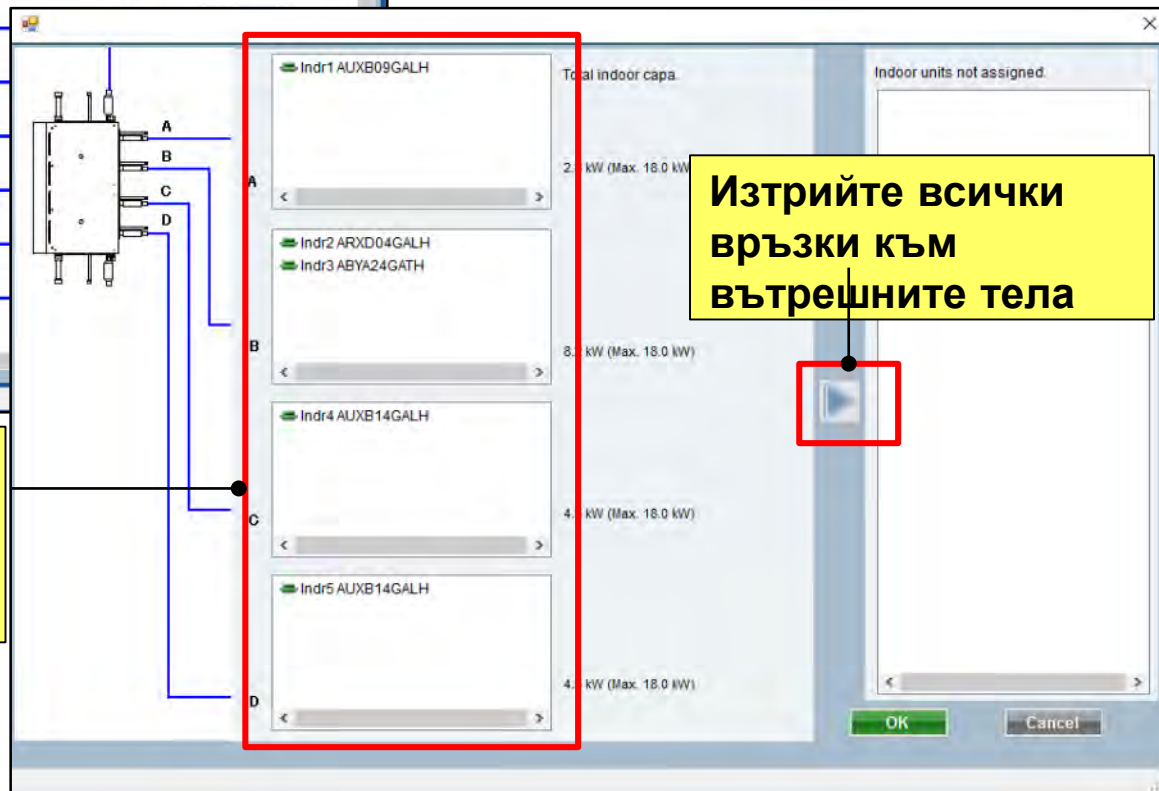
Създаване на мулти разпределителна кутия



Изберете разпределителните кутии

Изберете „Създаване на мулти кутия“

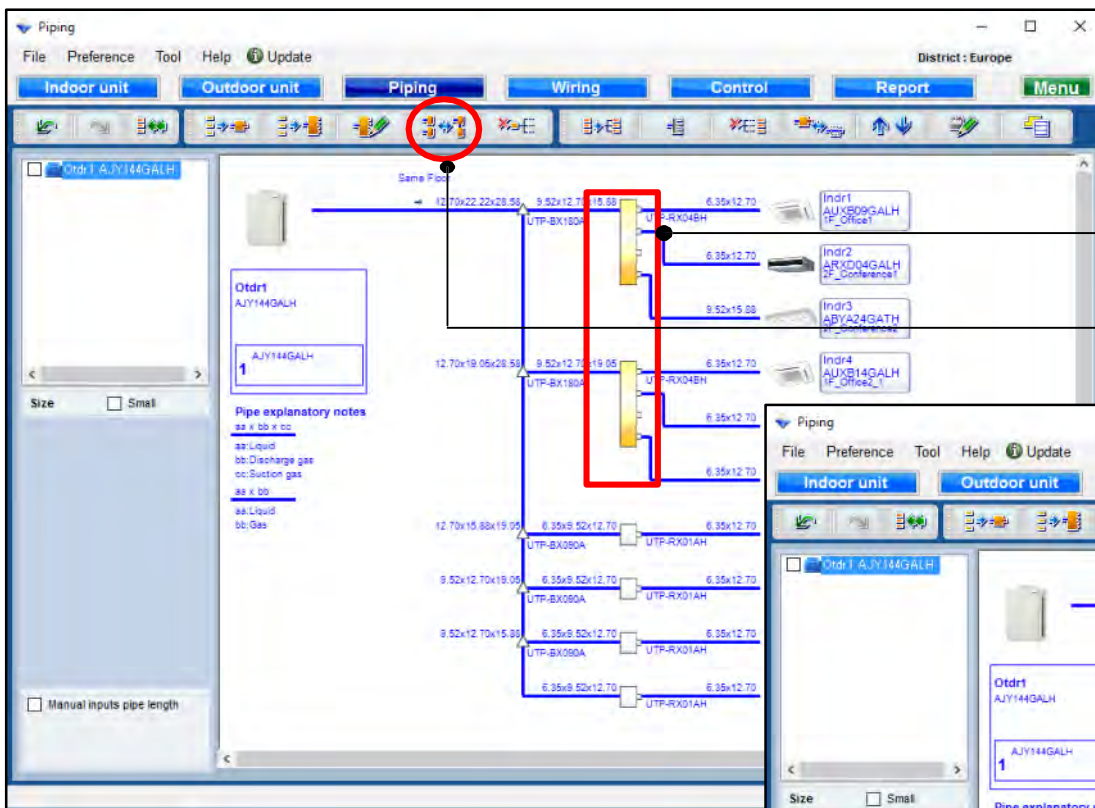
Начинът а свързване на вътрешните тела може да се промени с използването на мулти разпределителна кутия



Изтрийте всички връзки към вътрешните тела



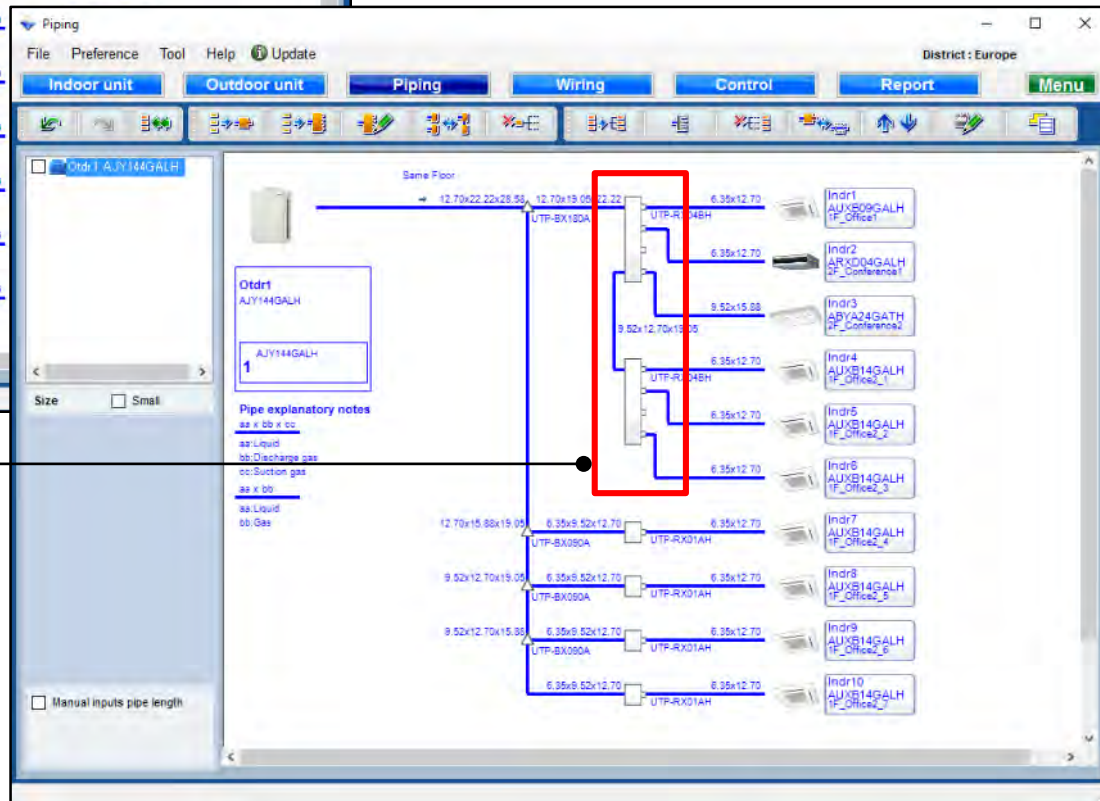
Комбиниране на мулти разпределителна кутия



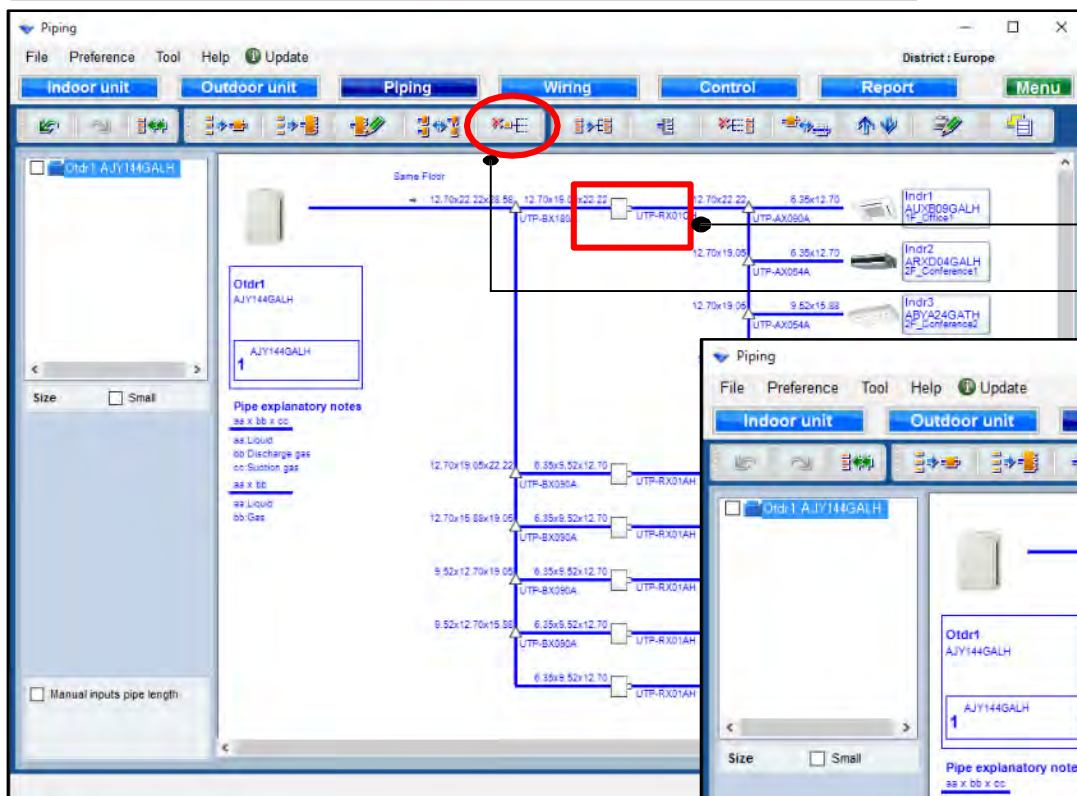
Изберете разпреде-
лителните кутии

Изберете „Комбиниране
на мулти кутия“

Комбинация на 2 групи
мулти кутии в 1 група.



Изчистване на комбинацията

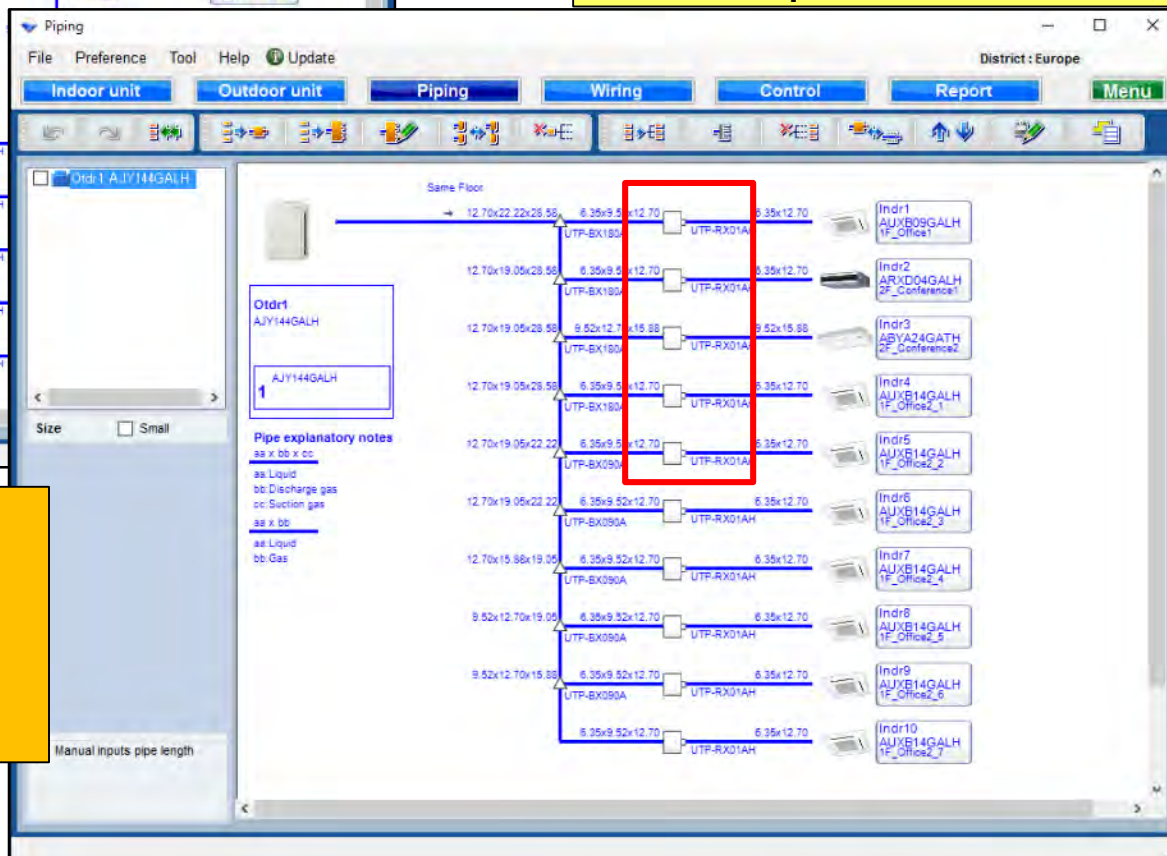


Изберете разпределителните кутии

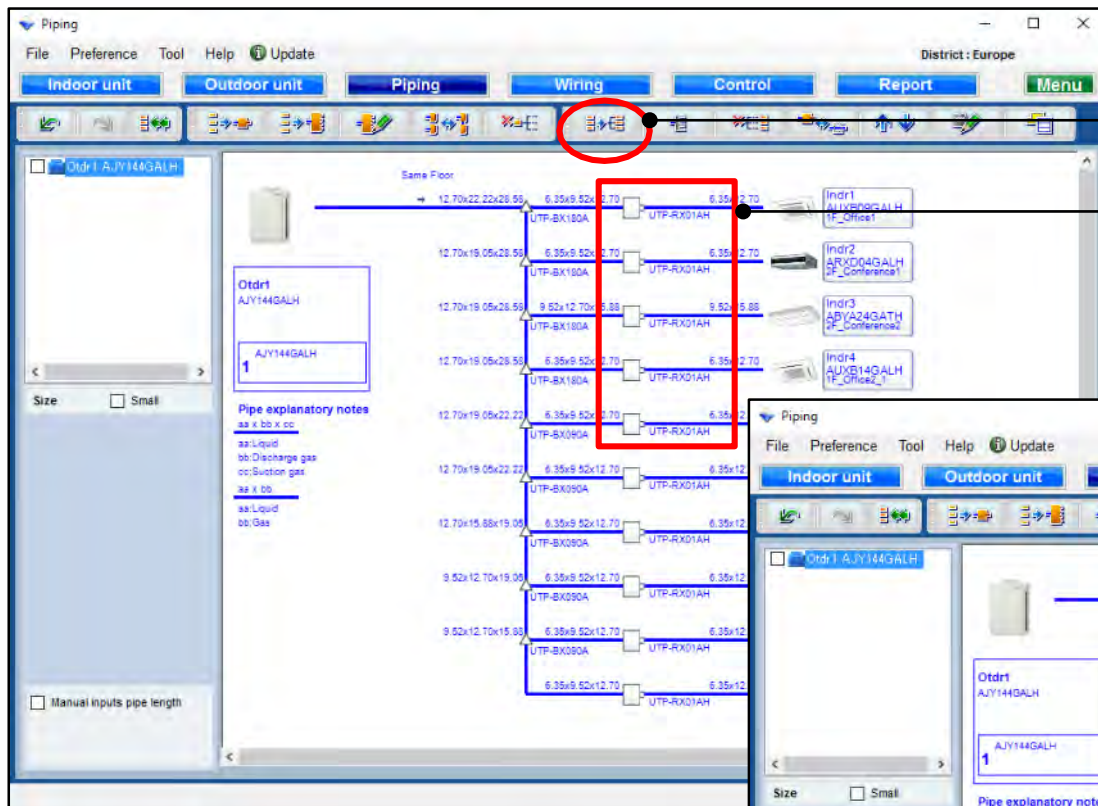
Изберете "Изтрий комбинацията"

Изчистване на комбинацията

*Избраните мулти кутии или всички единично комбинирани тела могат да се изтрият.



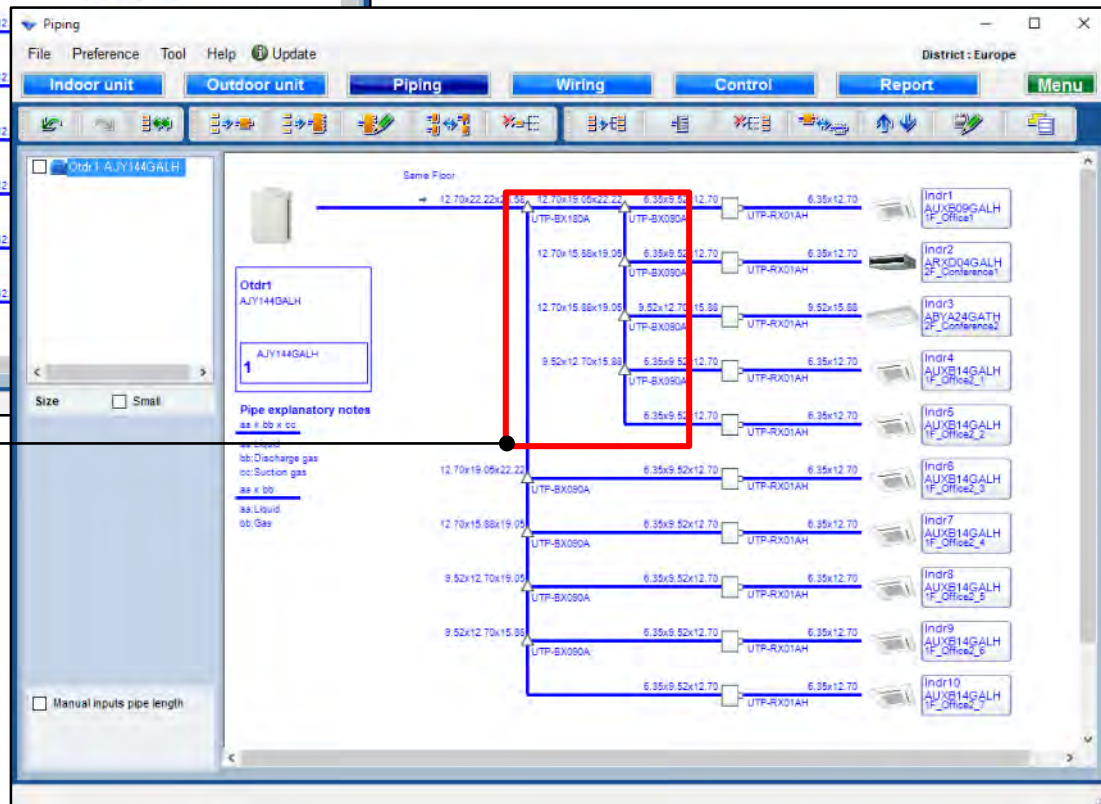
Комбиниране на вътрешни тела



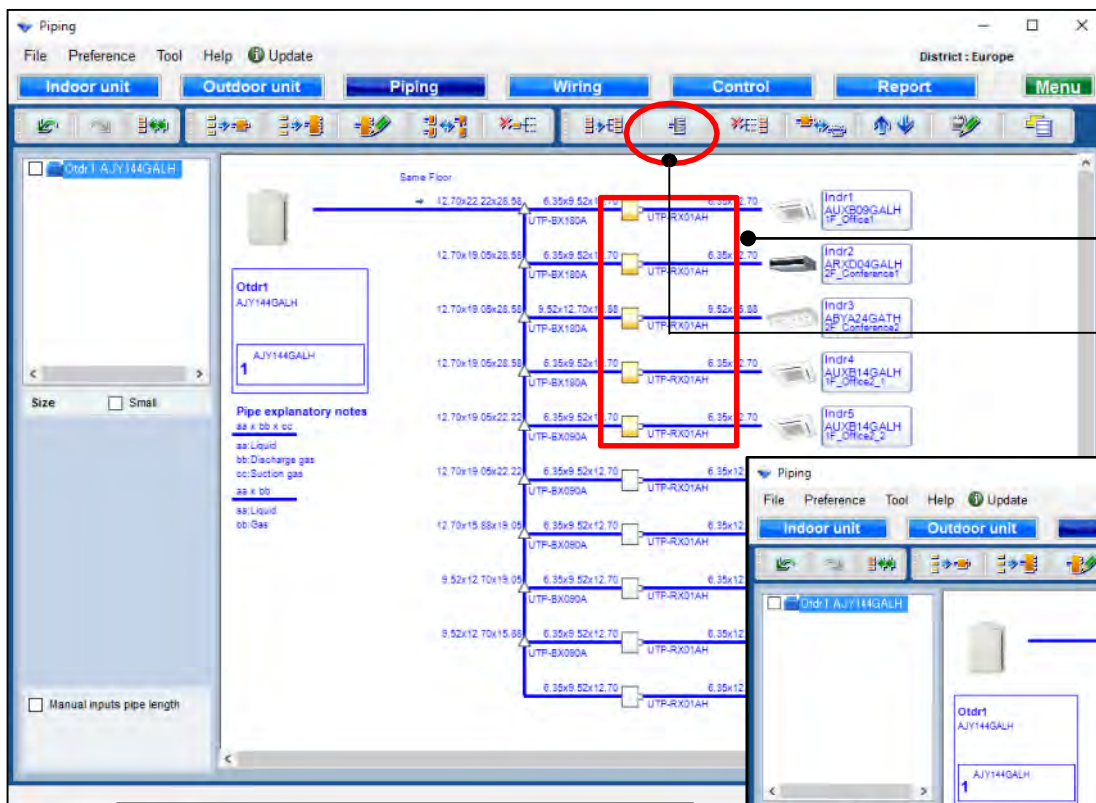
Изберете разпределителните кутии

Изберете "Комбинирай вътрешните тела"

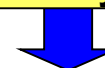
Тази част може да се раздели.



Добавяне на газов разпределител

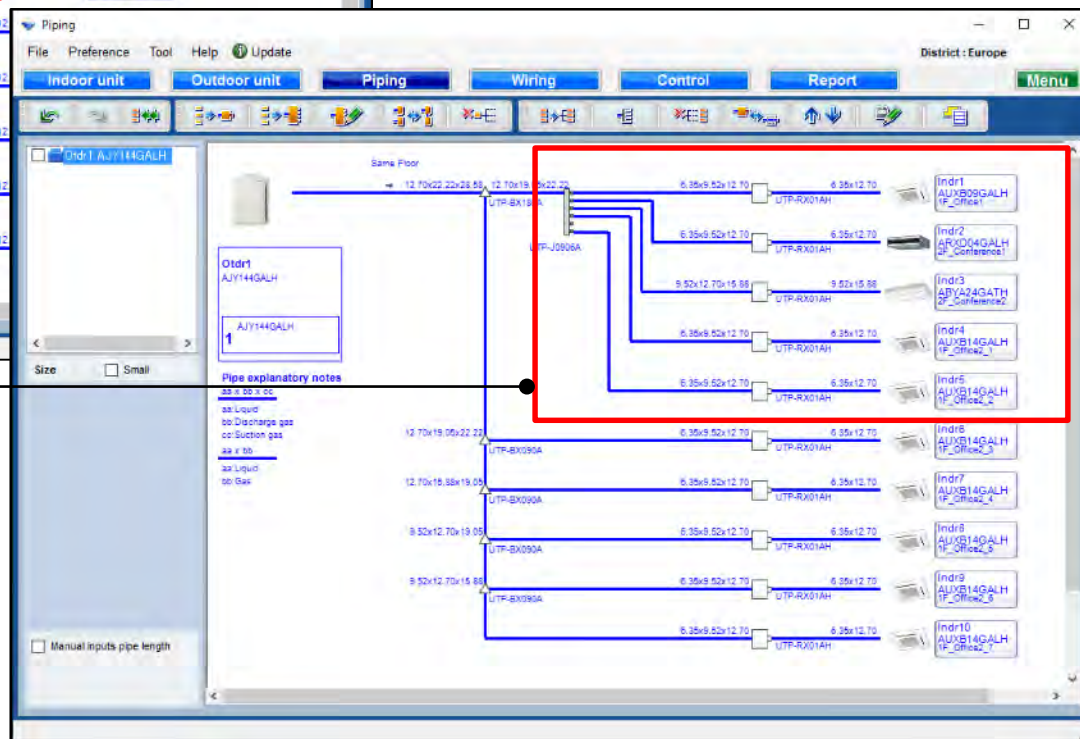


Изберете разпределителните кутии

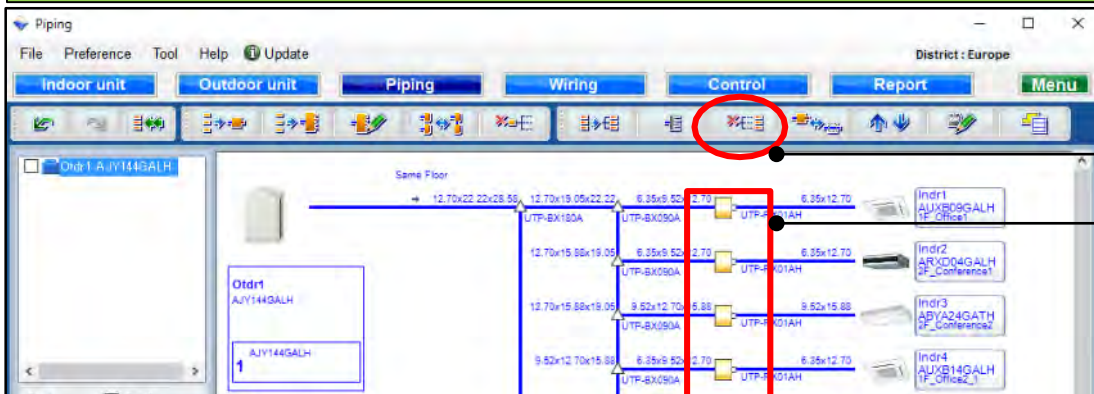


Изберете "Добави газов разпределител"

Създайте комбинацията



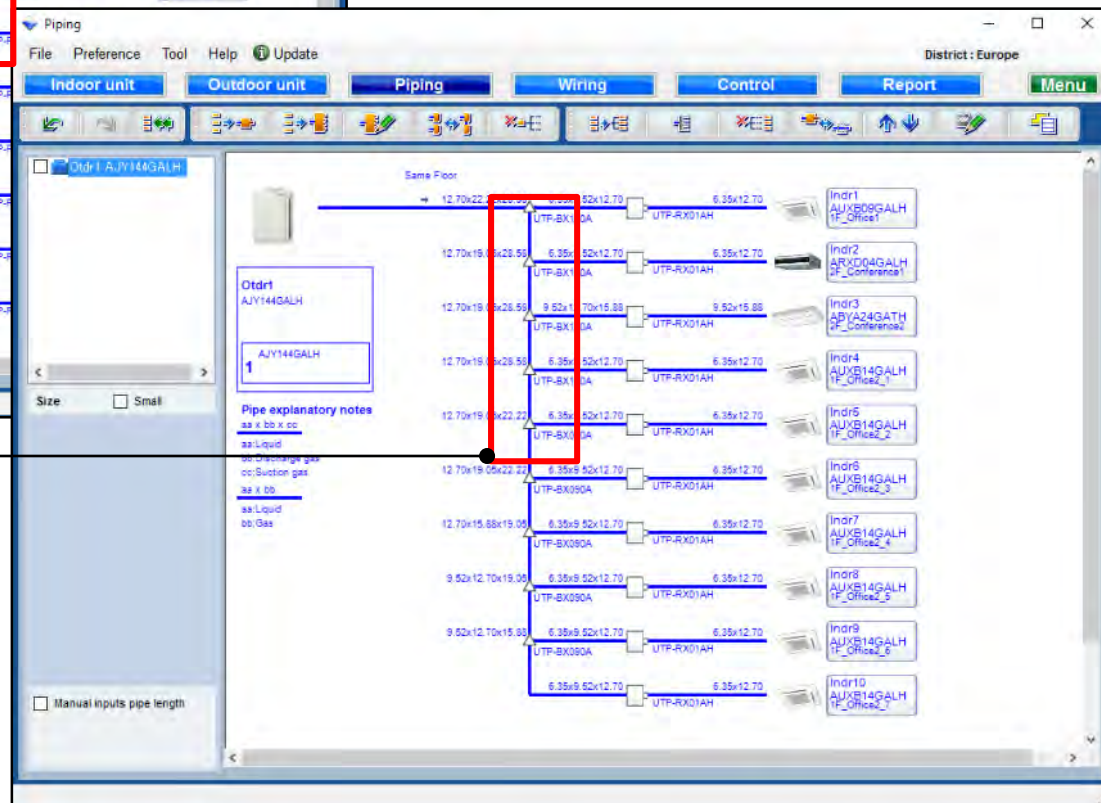
Изчистване на комбинацията



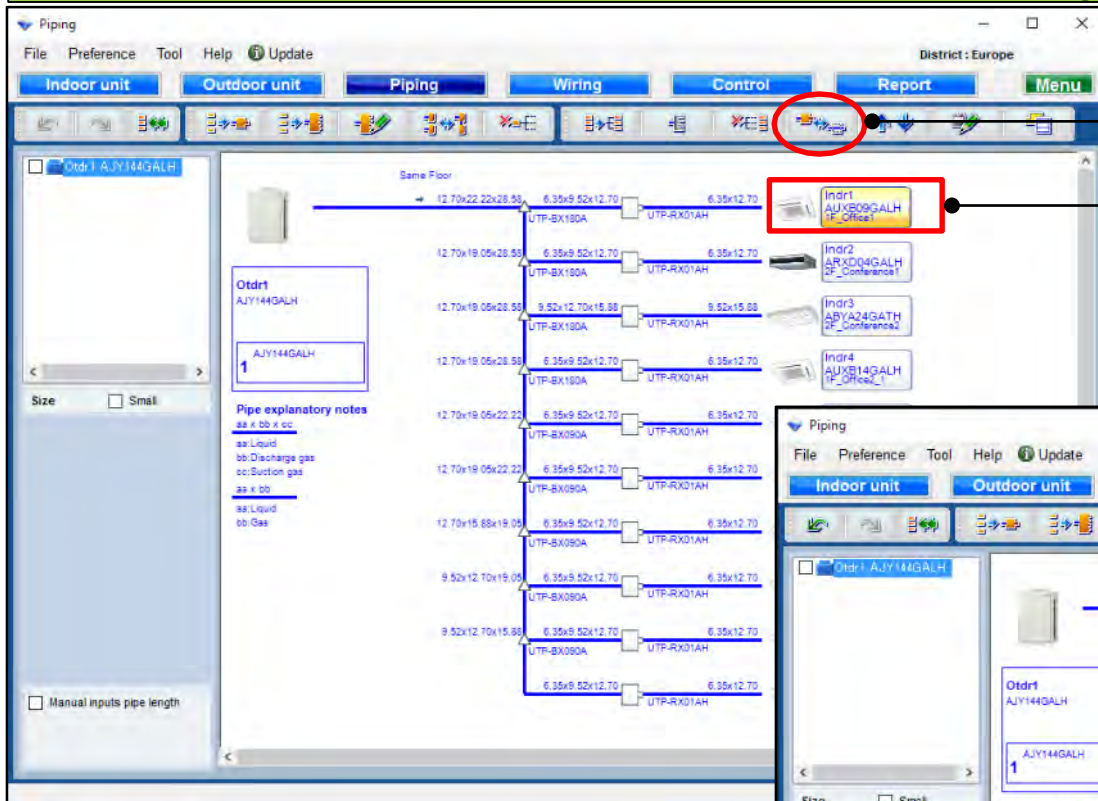
Изберете разпределителните кутии

Изберете "Изтрий комбинацията"

Изчистване на комбинацията



Изчистване на единична разпределителна кутия

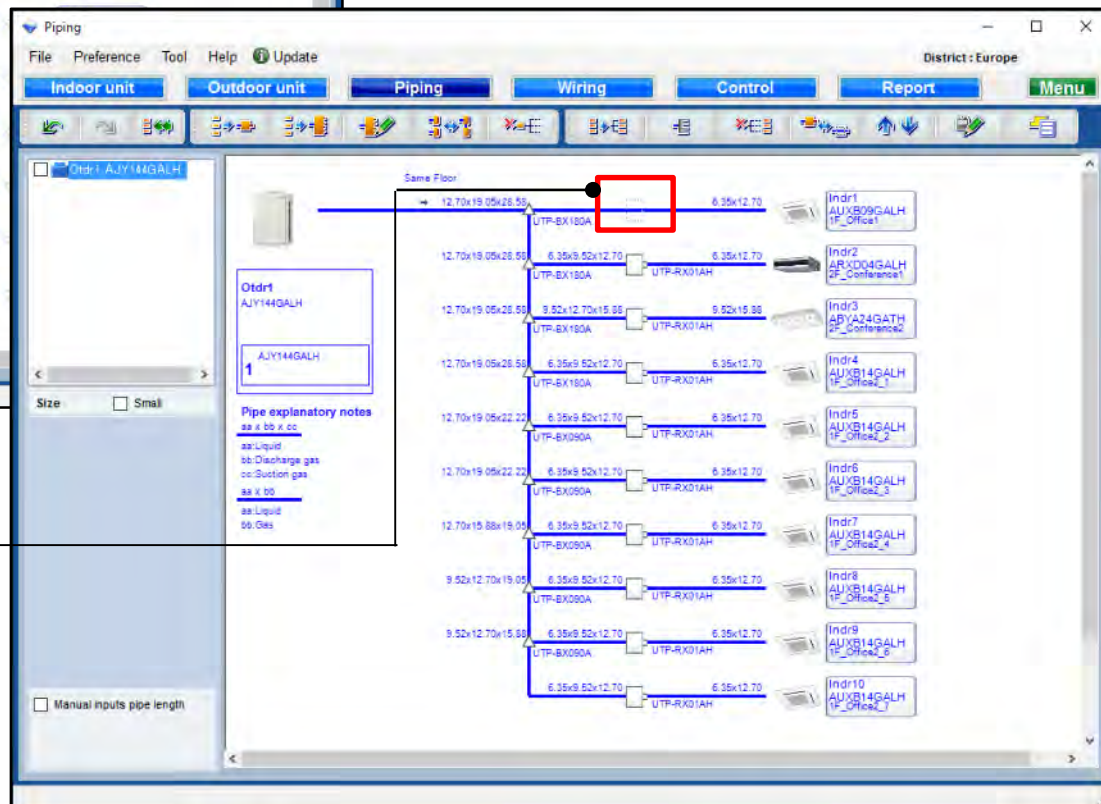


Изберете вътрешно тяло

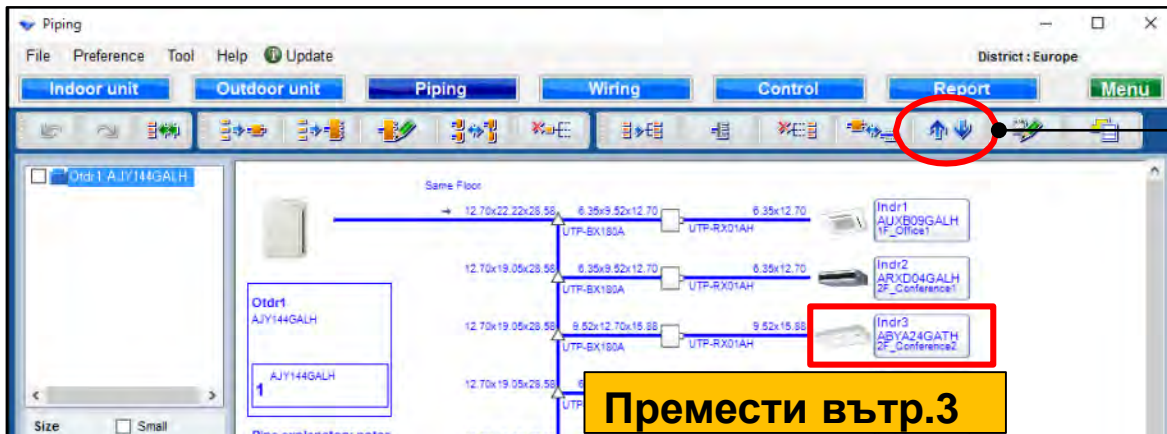


Изберете “Изтриване единична кутия (тялото става само охлаждане)”

По-малко от 50% от всички мощности във всички вътрешни тела могат да се променят само на Охлаждане



Промените реда на вътрешните тела



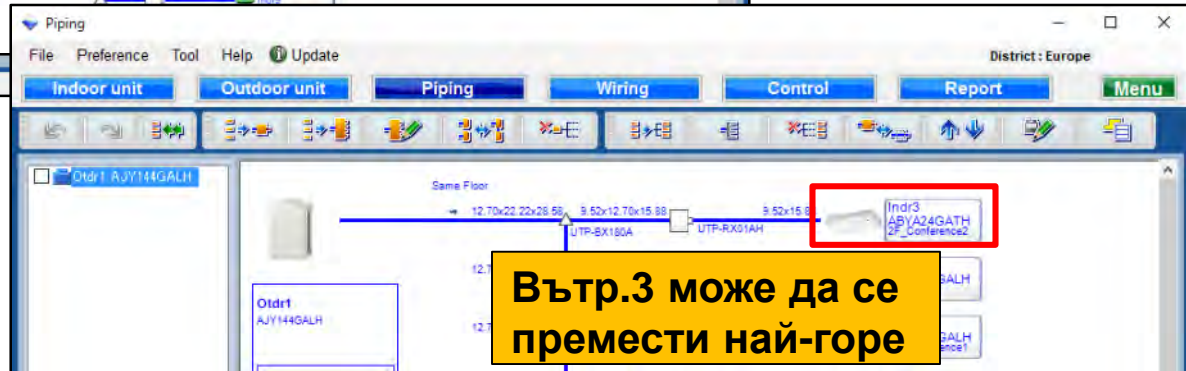
Изберете "Премести вътрешното тяло нагоре"

Отваря преместване на телата

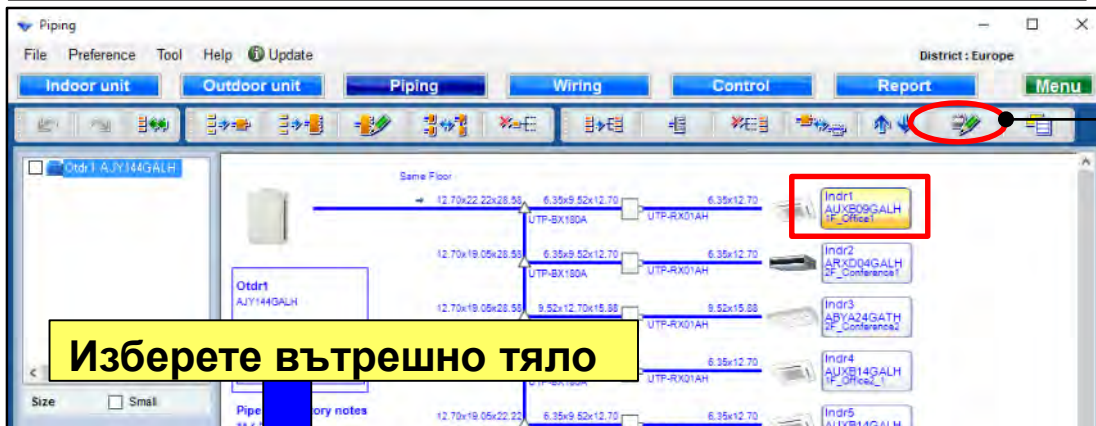
Натиснете Проверка, след това ОК



Преместване нагоре

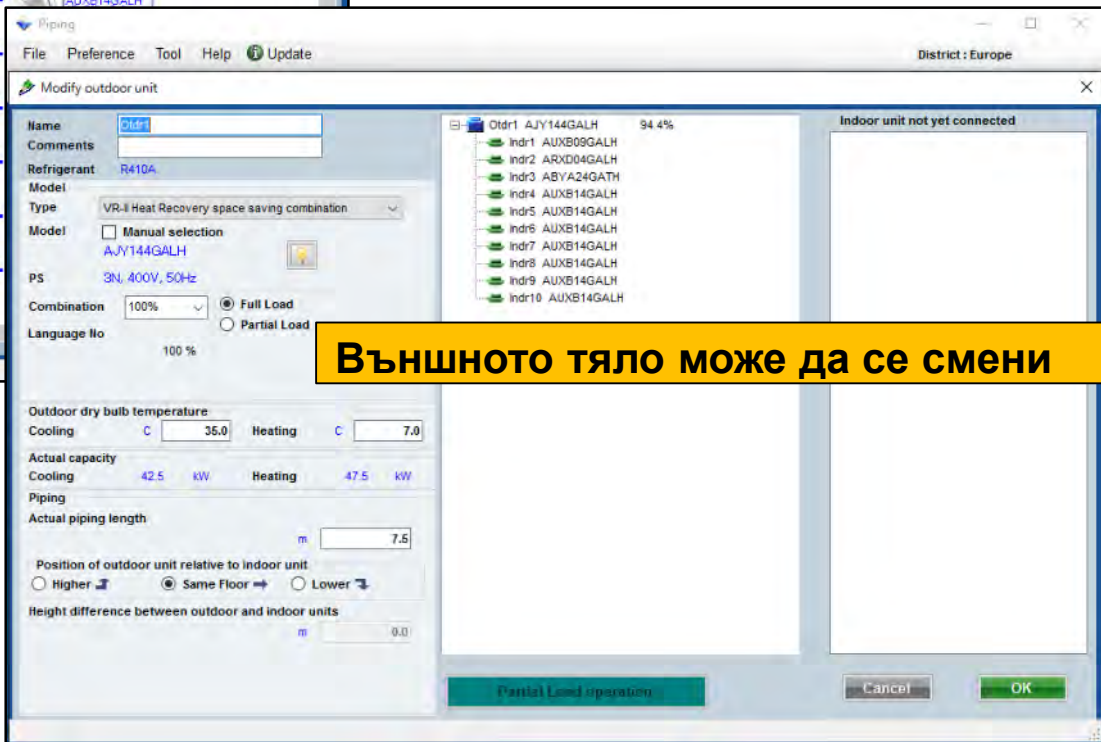
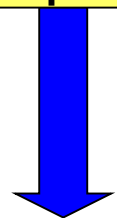


Промените външно или вътрешно тяло



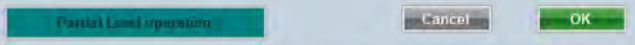
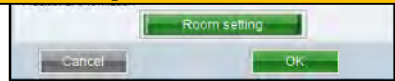
Изберете вътрешно тяло

Изберете “Промяна външно/вътрешно тяло”

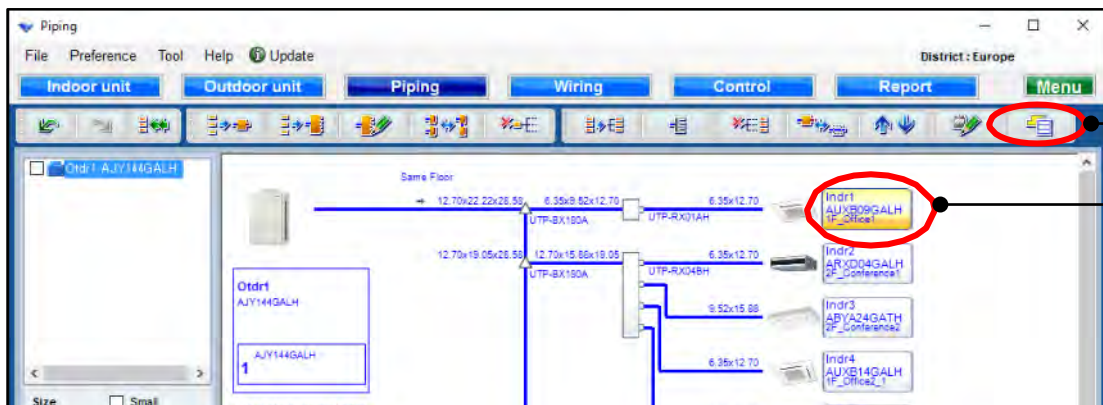


Външното тяло може да се смени

Изберете тяло, натиснете “Промяна външно/вътрешно тяло” и можете да го промените.

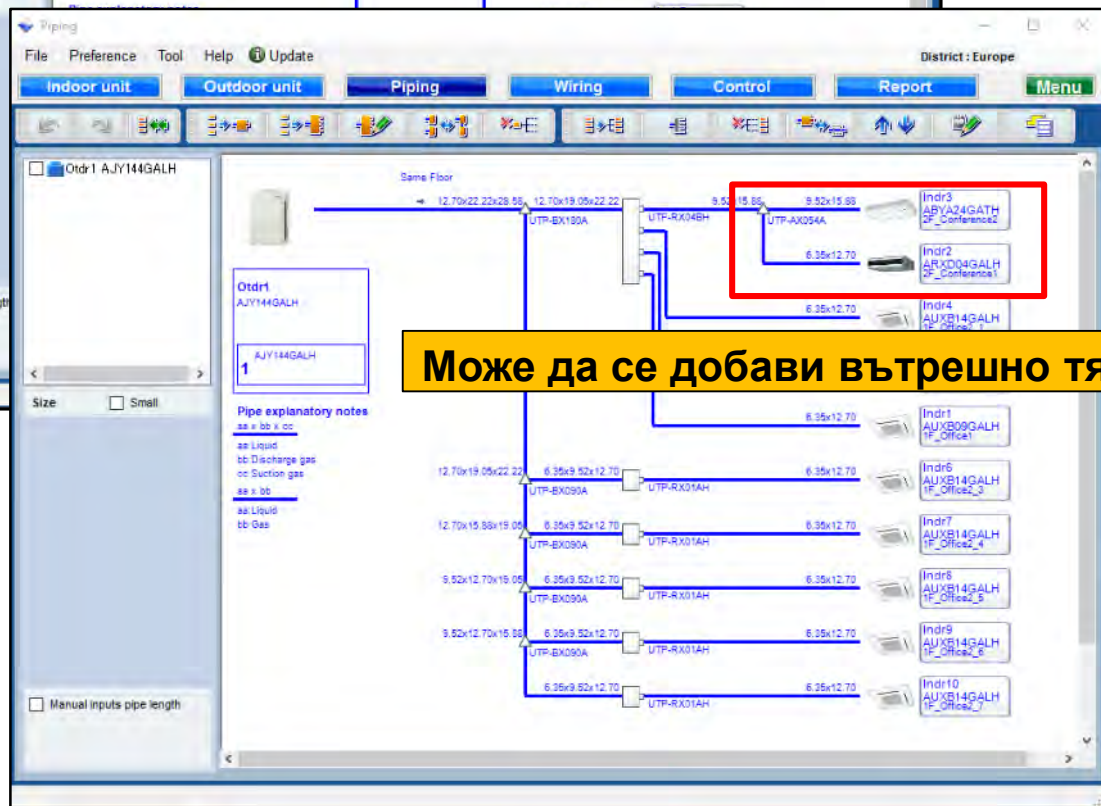


Добавяне



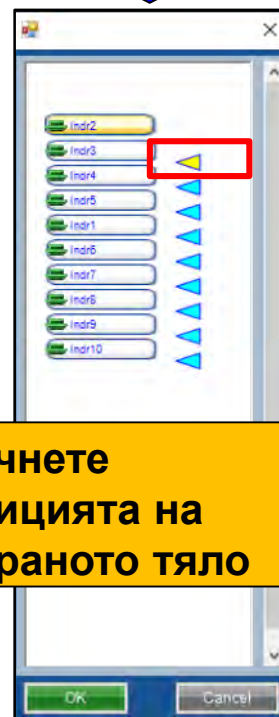
Изберете вътрешно тяло

Изберете "Изтрий, вмъкни или върни"

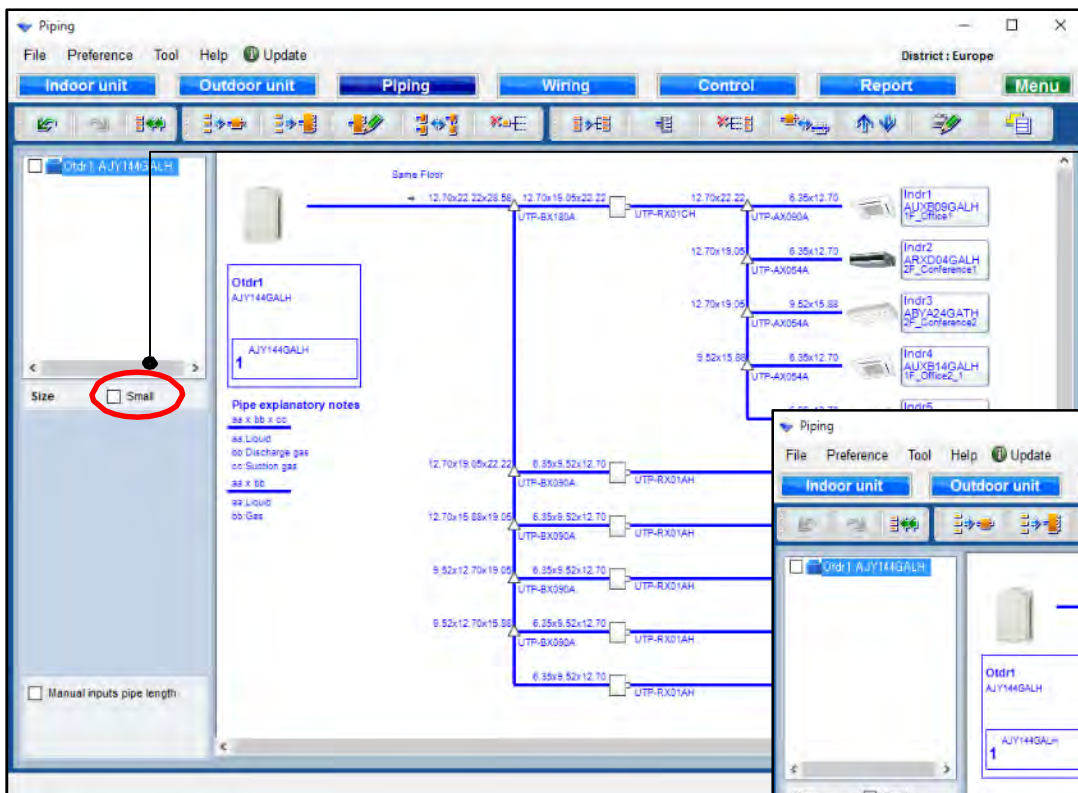


Може да се добави вътрешно тяло

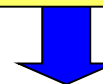
Уточнете позицията на избраното тяло



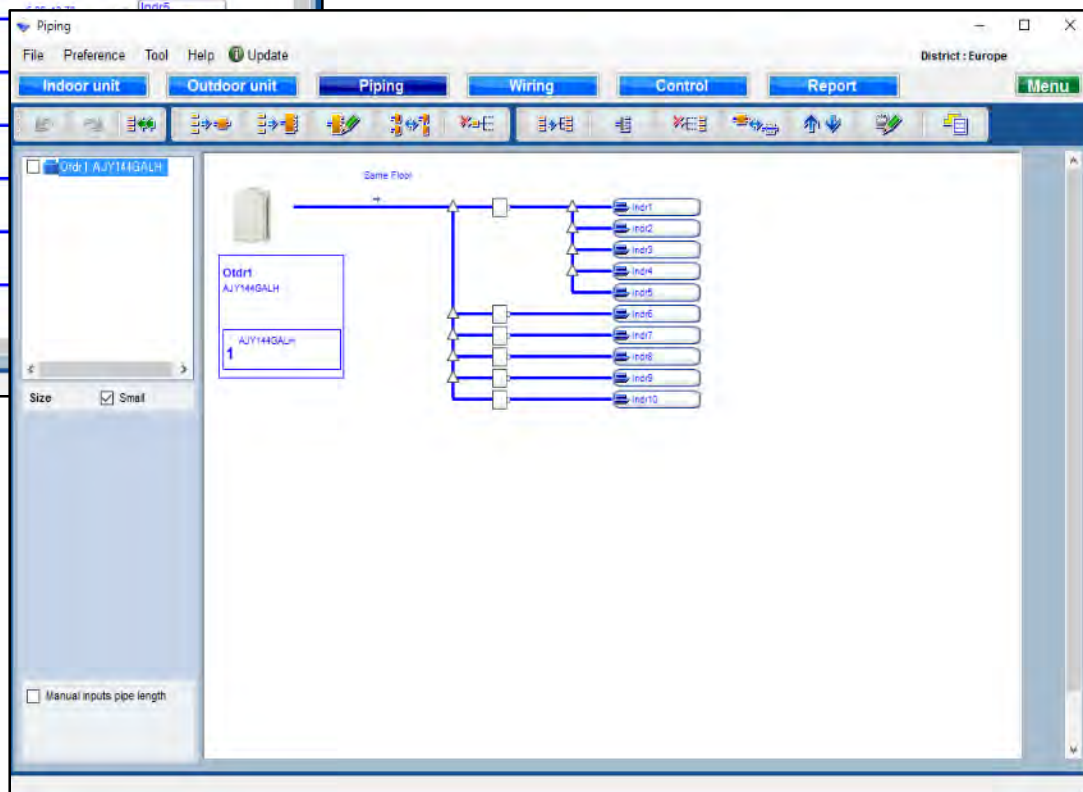
Обобщен изглед



Изберете "Обобщен"



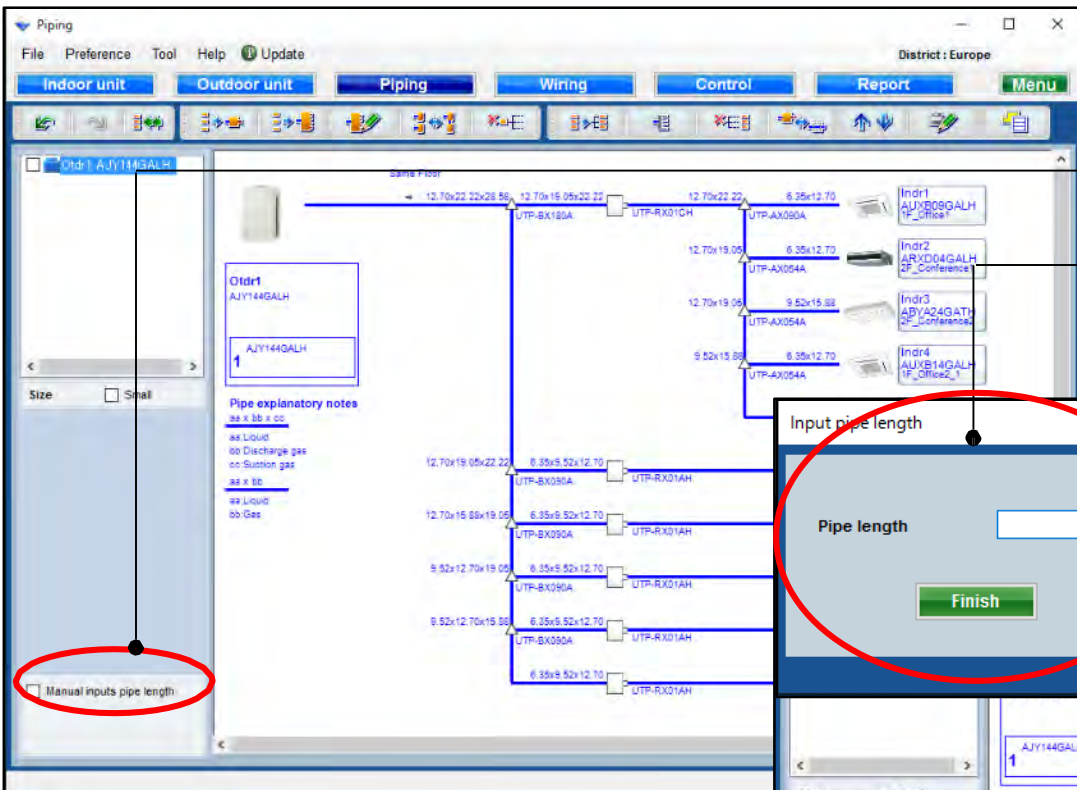
Променя изгледа в обобщен



Тръбно трасе

Design simulator

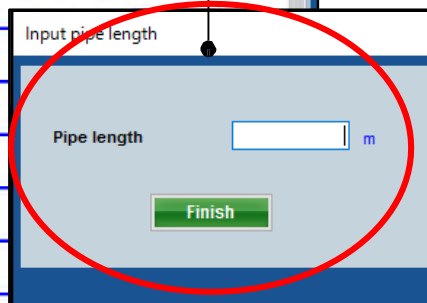
Настройка дължина на тръбата (1/4)



Изберете „Ръчно въвеждане дължина на тръбата“



Отваря се екран за въвеждане дължина на тръбата



Настройка дължина на тръбата (2/4)

Input pipe length

Pipe length: 5 m

Finish

District: Europe

Piping Wiring Control Report Menu

Same Floor

Indr1 AUXB09GALH (F_Office1)

Indr2 ARXD04GALH (F_Conference1)

Indr3 ABYA24GATH (F_Conference2)

Indr4 AUXB14GALH (F_Office2_1)

Indr5 AUXB14GALH (F_Office2_2)

Otdr1 AJY144GALH

Pipe explanatory notes

aa x Liquid

bb Discharge gas

cc Suction gas

aa x bb

Height difference between outdoor and indoor unit: 0.0m

Actual piping length: 0.0m

Total pipe length: 0.0m

Additional refrigerant: 0.00kg

Total Refrigerant

Manual inputs pipe length

Pipe length

Reset length

Въведете дължина на тръбата

Въведете дължина за всяка тръба

След въвеждане на всички дължини, изберете "Приключи"

Нулира всички въведени дължини до първоначалните стойности

Piping

File Preference Tool Help Update

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Otdr1 AJY144GALH

Pipe explanatory notes

aa Liquid

bb Discharge gas

cc Suction gas

aa x bb

Height difference between outdoor and indoor unit: 0.0m

Actual piping length

Total pipe length

Additional refrigerant

Total Refrigerant

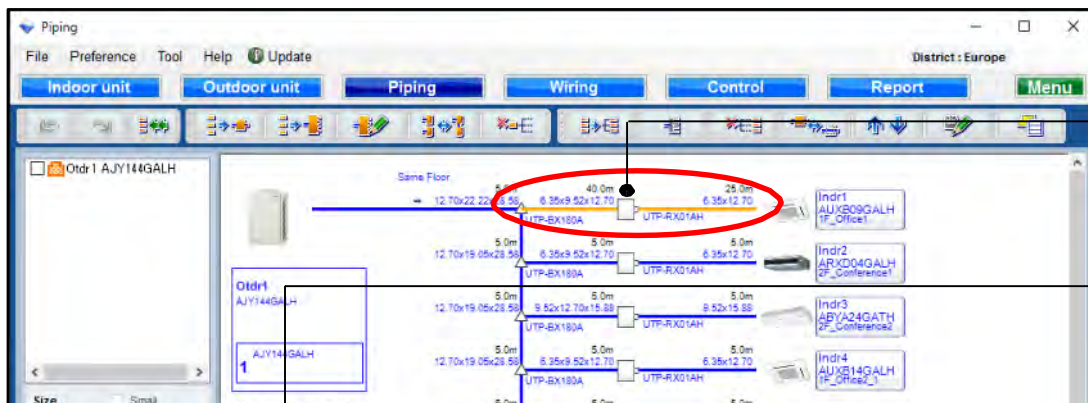
Manual inputs pipe length

Input pipe length

Pipe length: 25 m

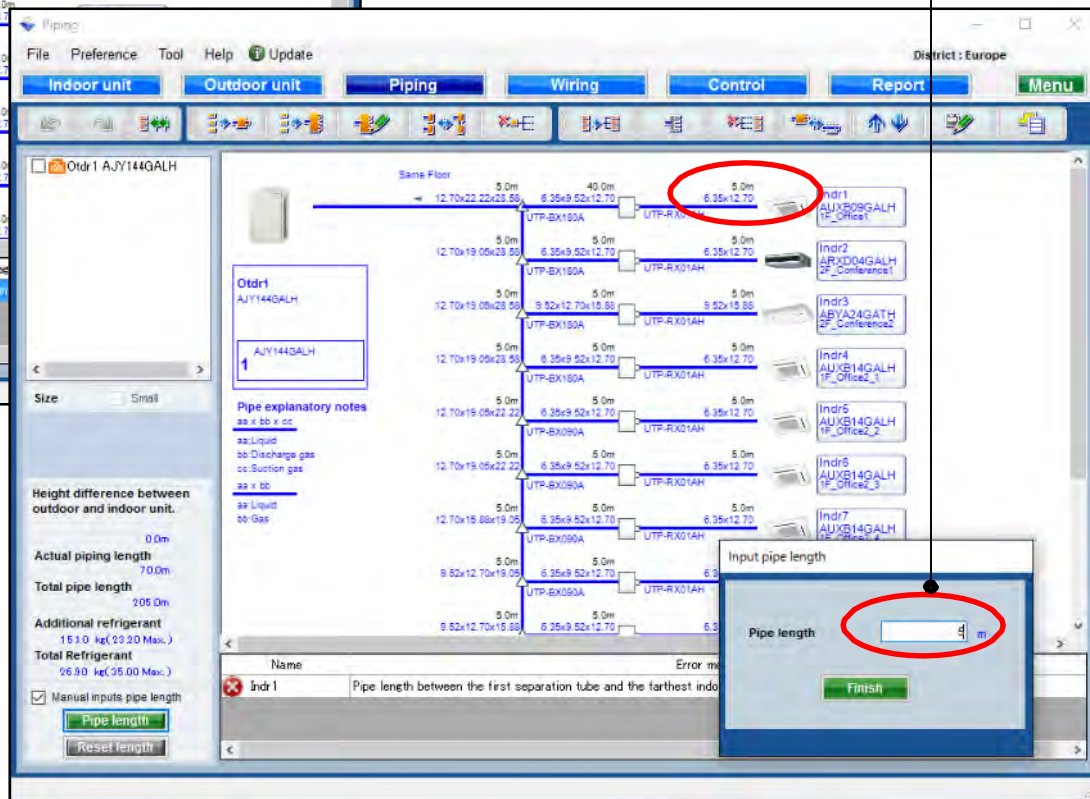
Finish

Настройка дължина на тръбата (3/4)



Сигнал за грешка, ако не е въведена информация или са превишени ограниченията

Повторете, след което изберете "Приключване"



Настройка дължина на тръбата (4/4)

The screenshot displays the 'Piping' software interface. The main workspace shows a duct layout on 'Same Floor' with various pipe segments and indoor units (Indr1 to Indr7). The left sidebar contains a list of units and a 'Pipe explanatory notes' section. The bottom-left panel shows the 'Manual inputs pipe length' settings, with 'Actual piping length' set to 60.0m and 'Additional refrigerant' set to 14.68 kg. Two yellow callout boxes highlight these values.

Показва общата дължина: въведена и регистрирана

Допълнителното количество хладилен агент се изчислява автоматично.

Тръбно трасе

Design simulator

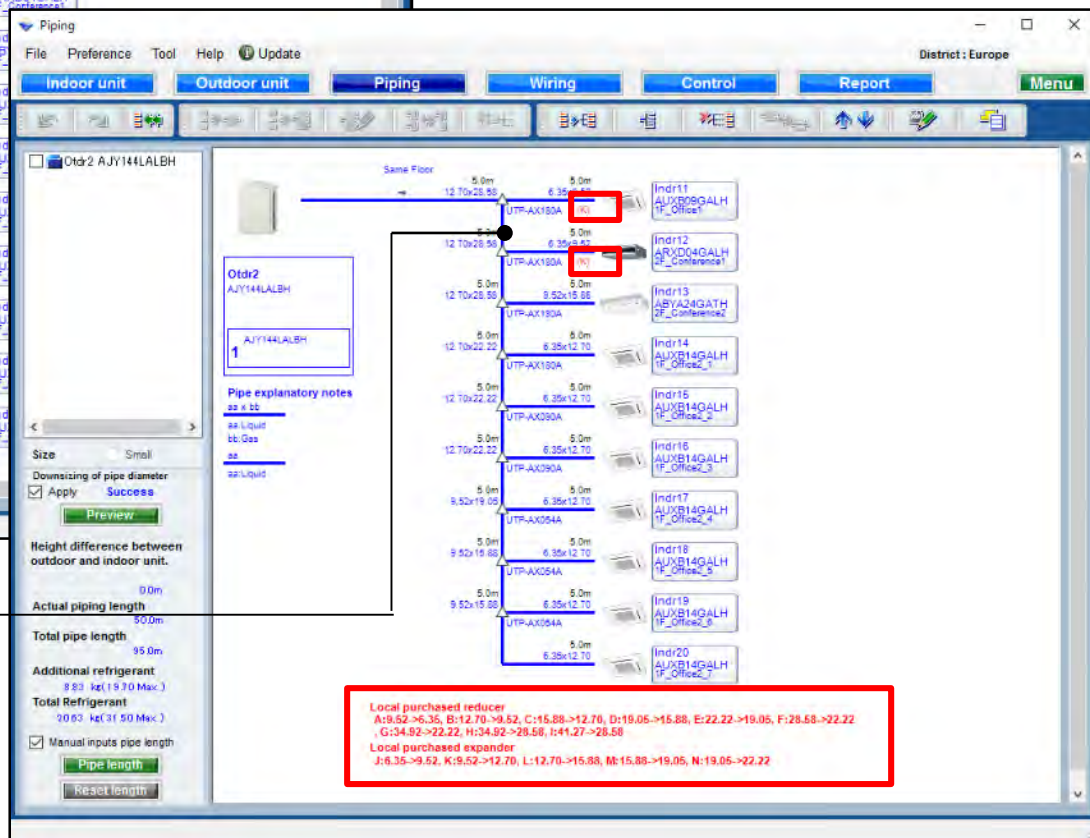
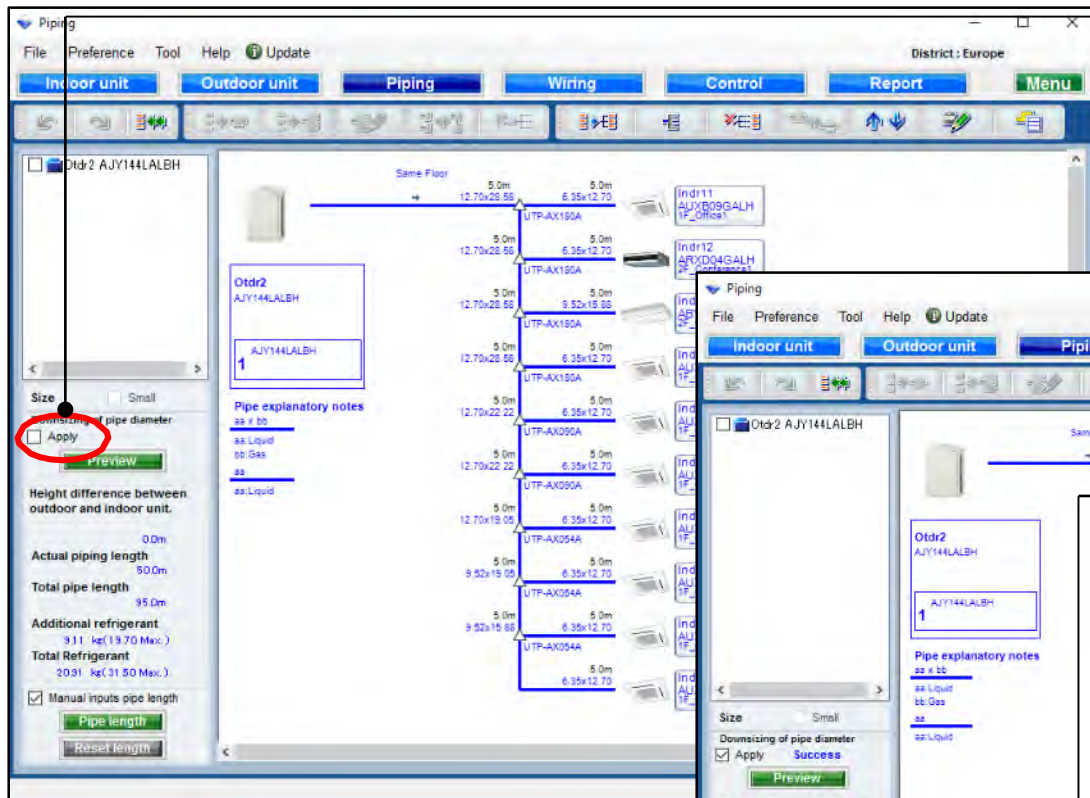
Изчисляване диаметъра на тръбите (1/2)

*само серия V-III като пример

Изберете "Приложи"



Изчислява размера на тръбите



Появява се съобщение, ако е необходим редуктор.

Изчисляване диаметъра на тръбите (2/2)

The screenshot shows the Piping software interface with a piping layout on the right and a 'Downsizing of pipe diameter' dialog box on the left. The dialog box has a 'Preview' button highlighted with a red circle. The piping layout shows various pipe segments with their lengths and diameters, and a list of indoor units (Indr11 to Indr20) connected to the system.

Изберете “Преглед“

Показва “Изчислен размер на тръбите”

Показва разликата преди и след промяна на дължините и количеството фреон.

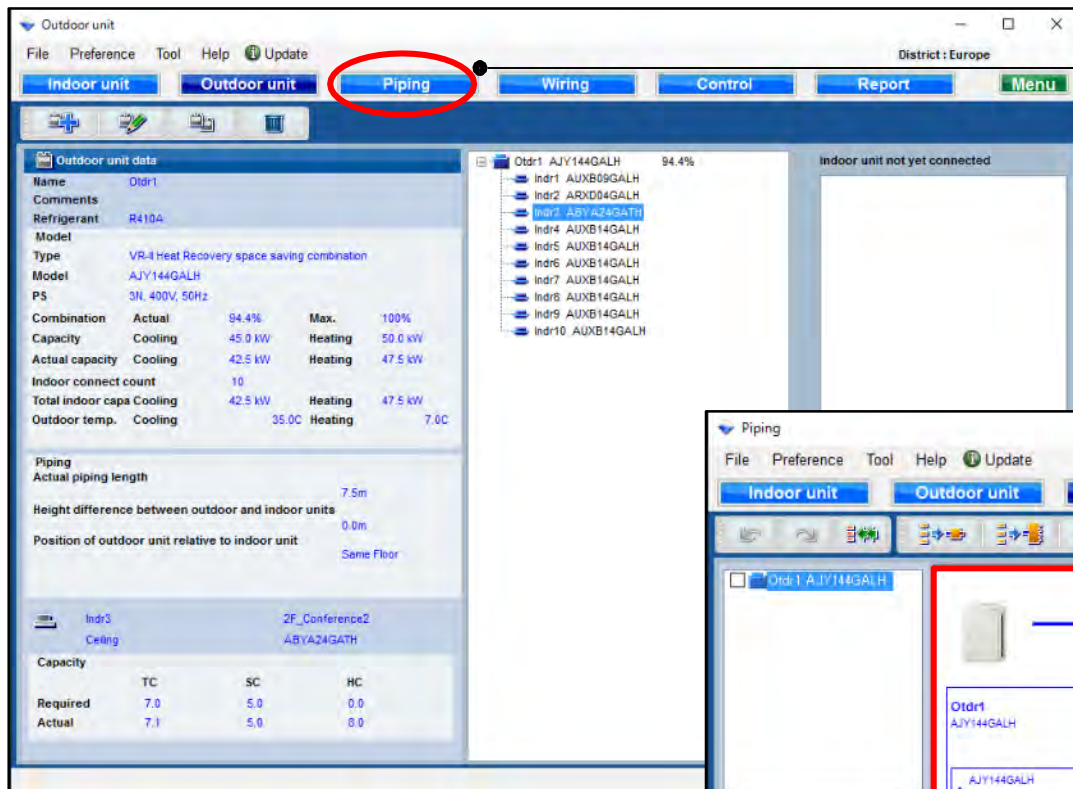
Pipe Size (mm)	Normal (m)	Downsizing (m)	Difference (m)
6.35	45.0	45.0	0.0
9.52	15.0	30.0	15.0
12.70	80.0	65.0	-15.0
15.88	10.0	15.0	5.0
19.05	10.0	5.0	-5.0
22.22	10.0	15.0	5.0
28.58	20.0	15.0	-5.0
Downsized pipe length			25.0
Refrigerant (kg)	9.11	8.83	0.28

If you input the lengths of the pipes and their length are based on the following condition, you can downsize the pipe size.

- Between outdoor unit to outdoor unit branch kit :
Between outdoor unit branch kits or outdoor unit branch kit to first separation tube :
The length between master out door unit and the farthest indoor unit should be 70.0m or less.
- Between separation tubes :
The length between master out door unit and the farthest indoor unit should be 120.0m or less,
and the length between the first separation tube and the farthest indoor unit should be 60.0m or less.
- Between separation tube to indoor unit :

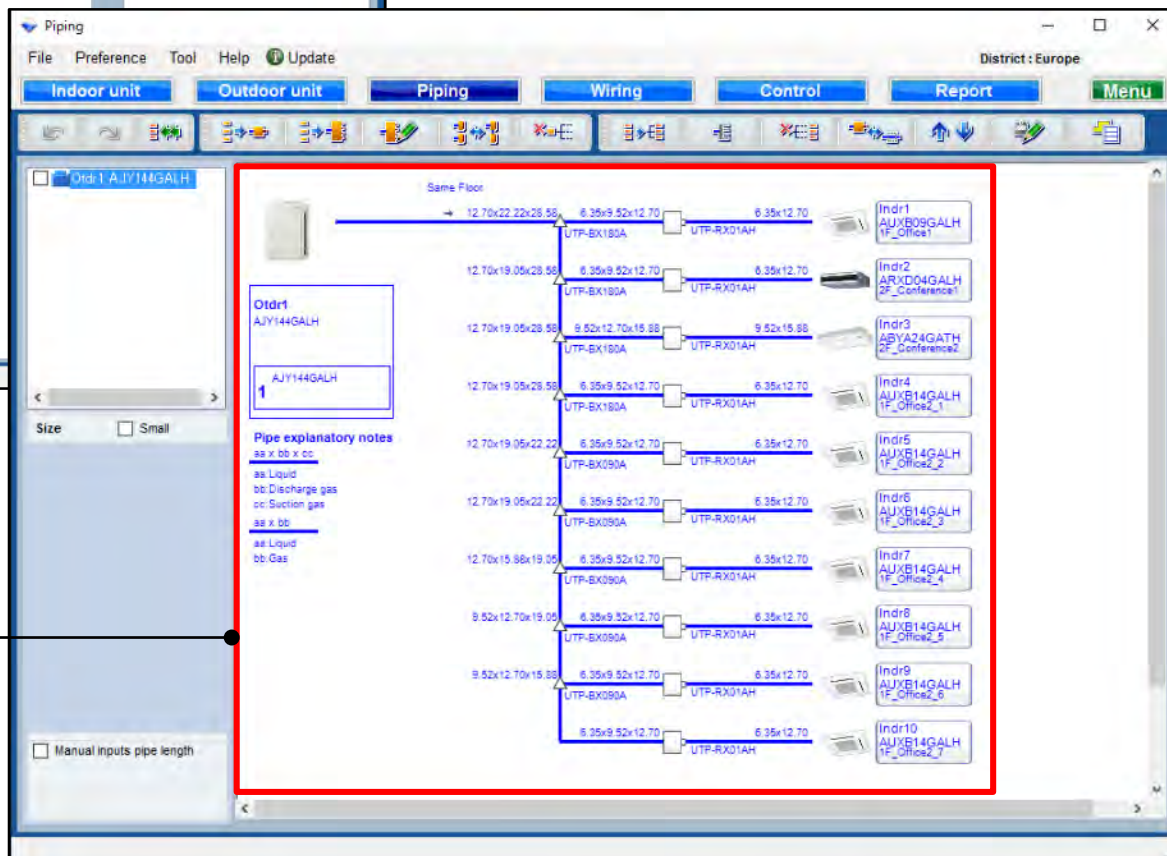
管道系統

選機軟體



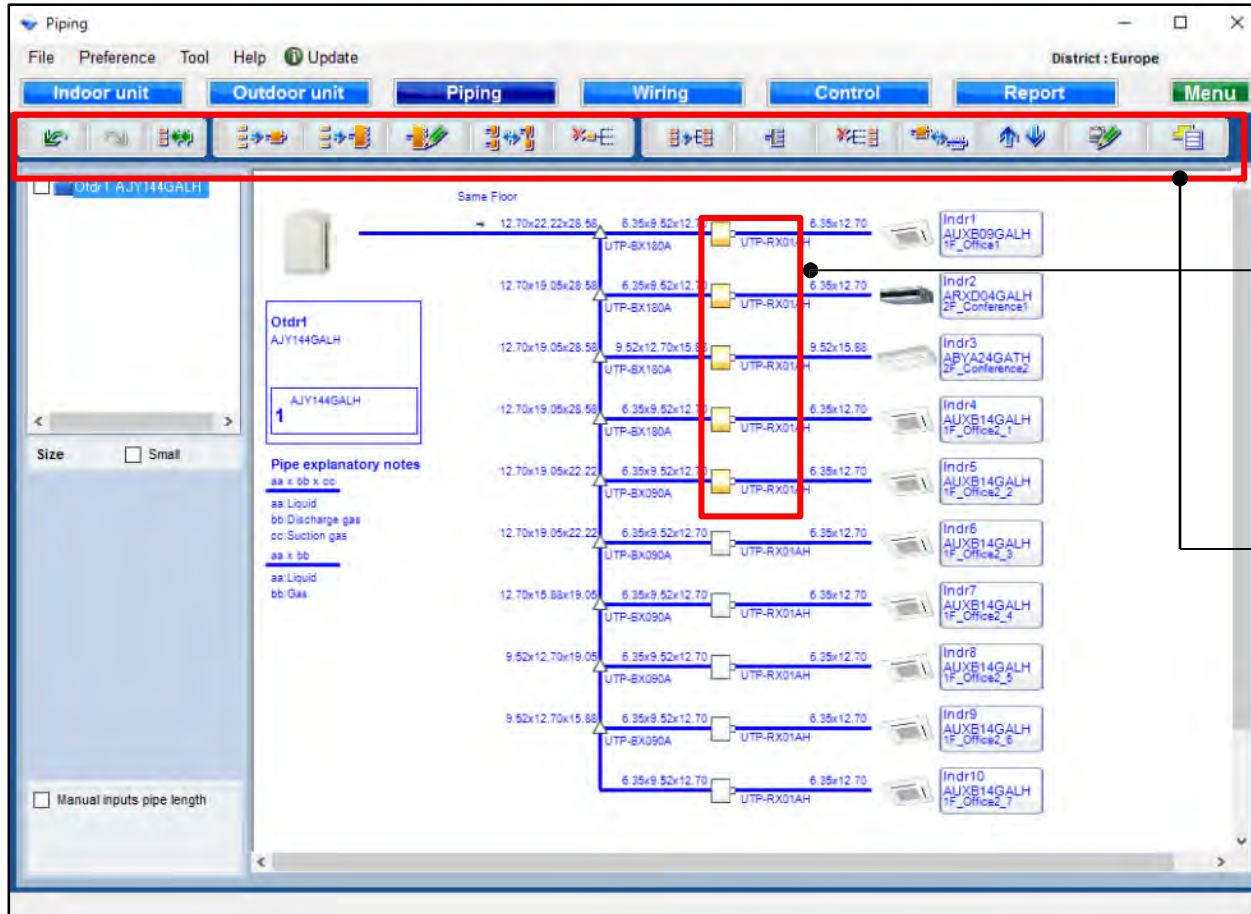
選擇“管線”

管線系統圖創建



顯示管道直徑，室外機，
室內機和連接型號名稱。

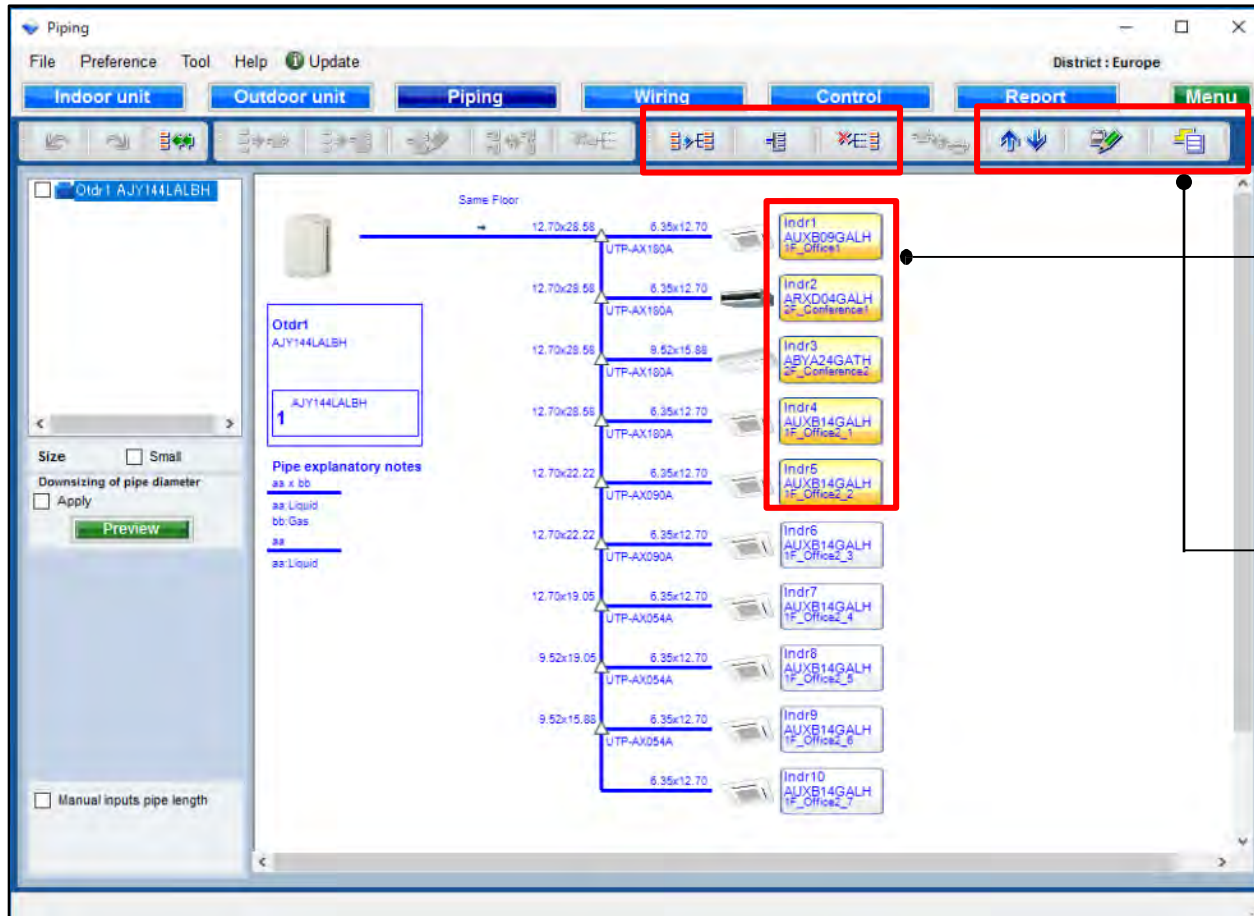
熱回收系統



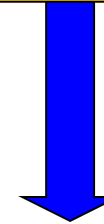
對於熱量回收, 選擇RB Unit。

按下每個按鈕進行編輯。

對於熱泵

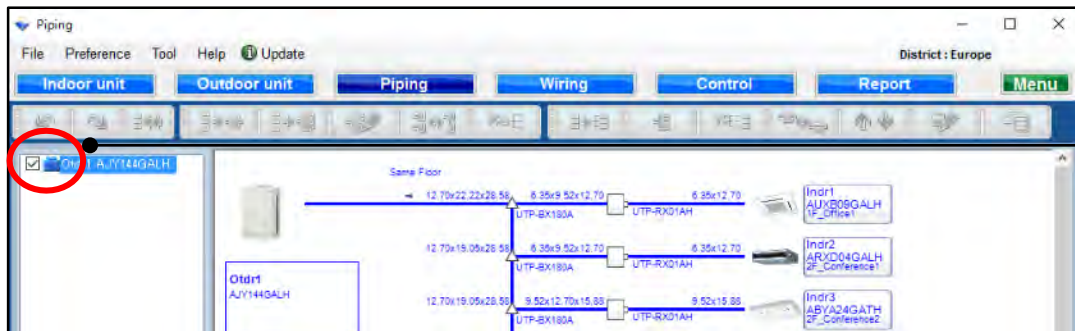


對於熱泵，選擇室內機。

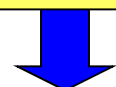


按下每個按鈕進行編輯。
對於熱泵，功能是有限的。

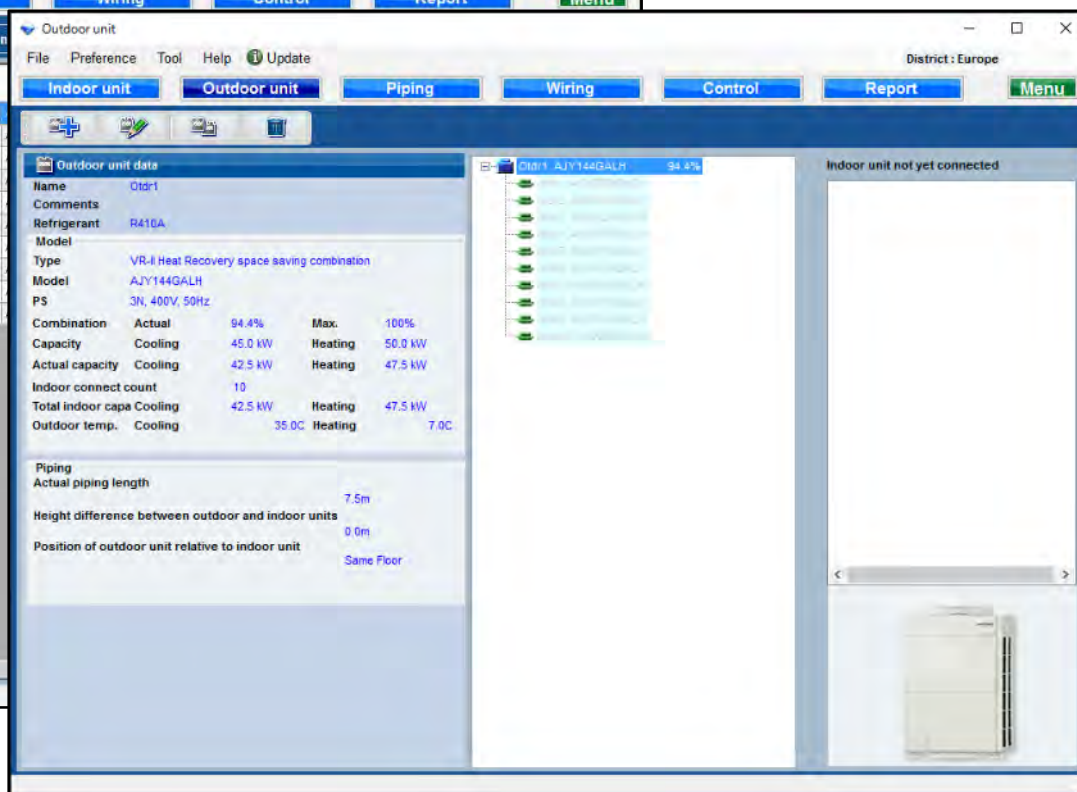
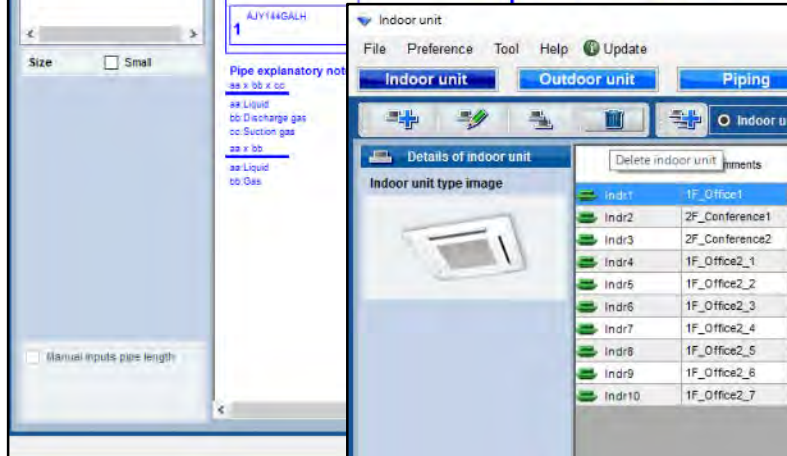
冷媒系統功能確認



點選冷媒系統

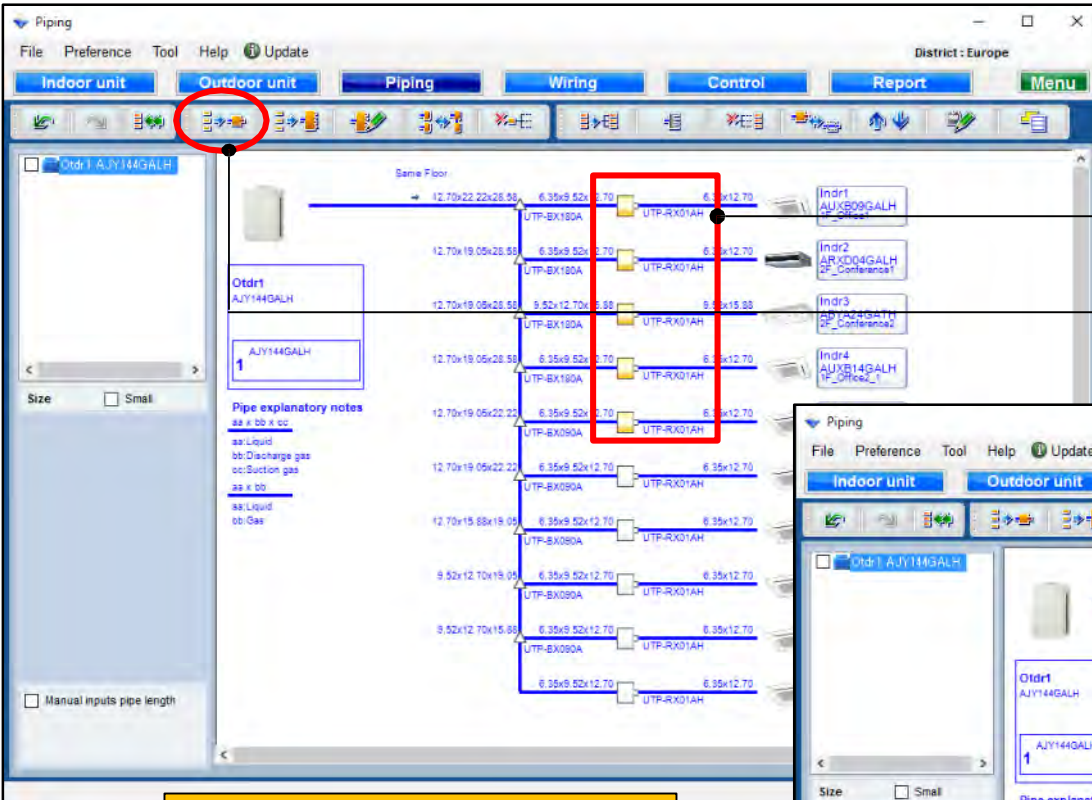


點選冷媒系統
不能在每個螢幕上編輯

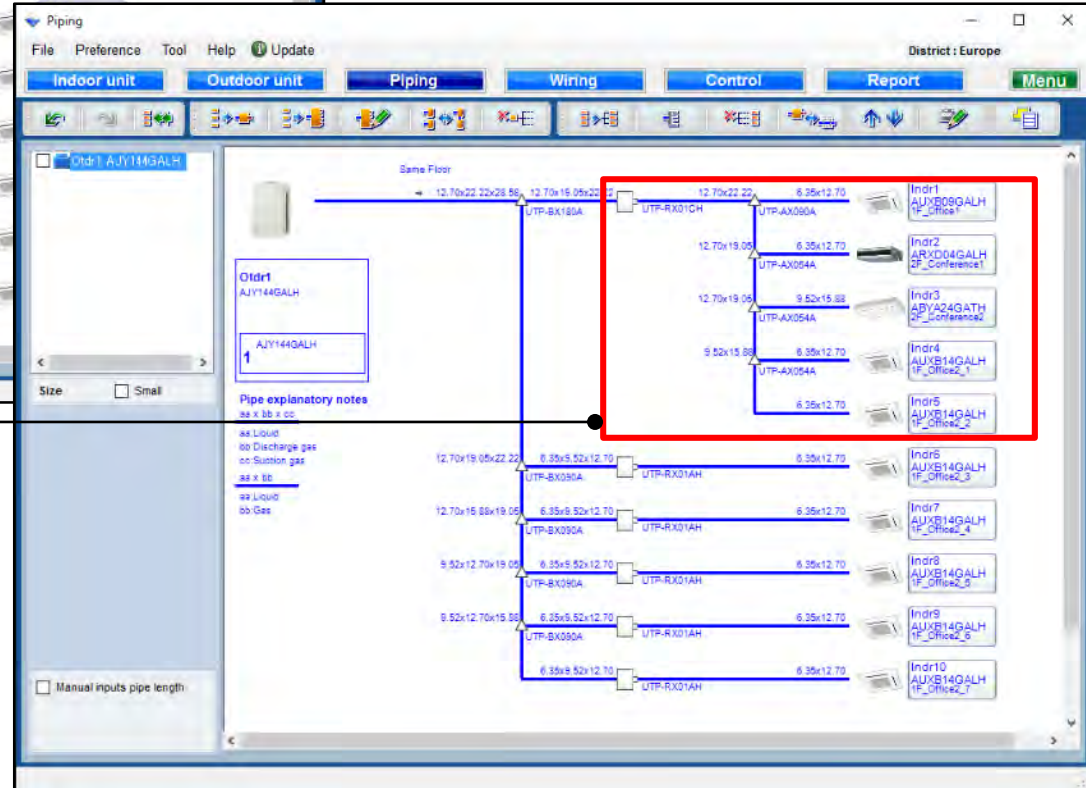


RB單一功能

選擇 RB 機種
↓
選擇“RB 單一”



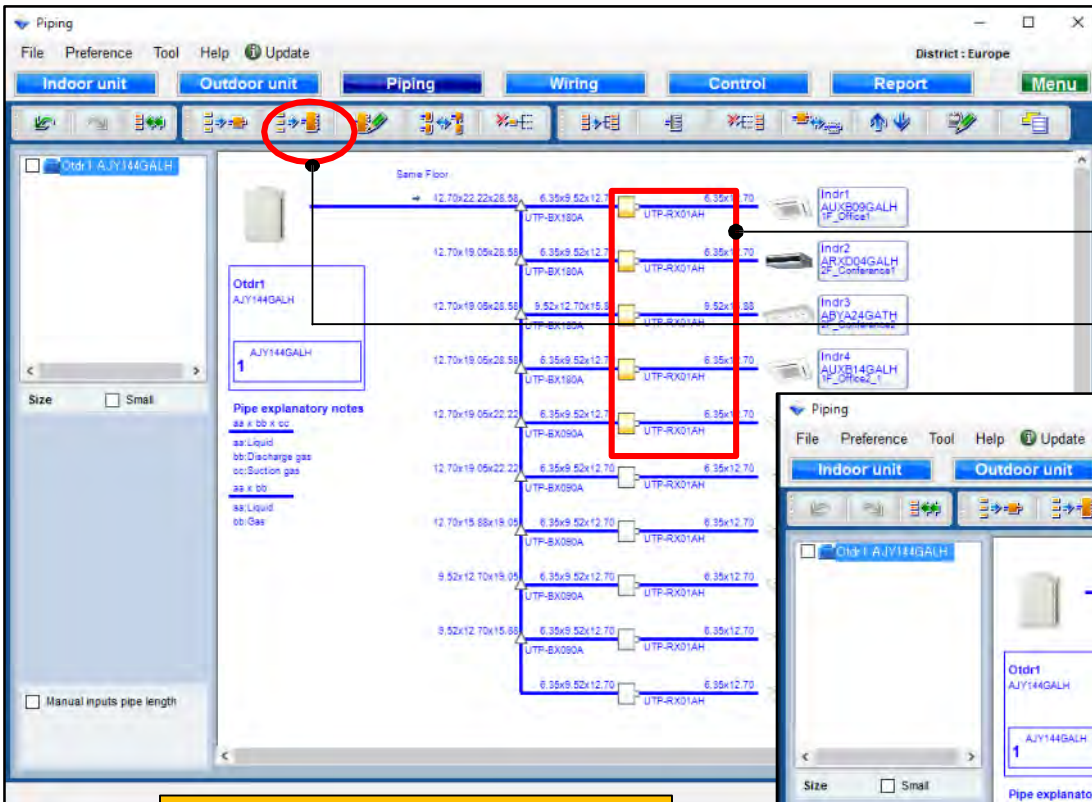
連結室內機



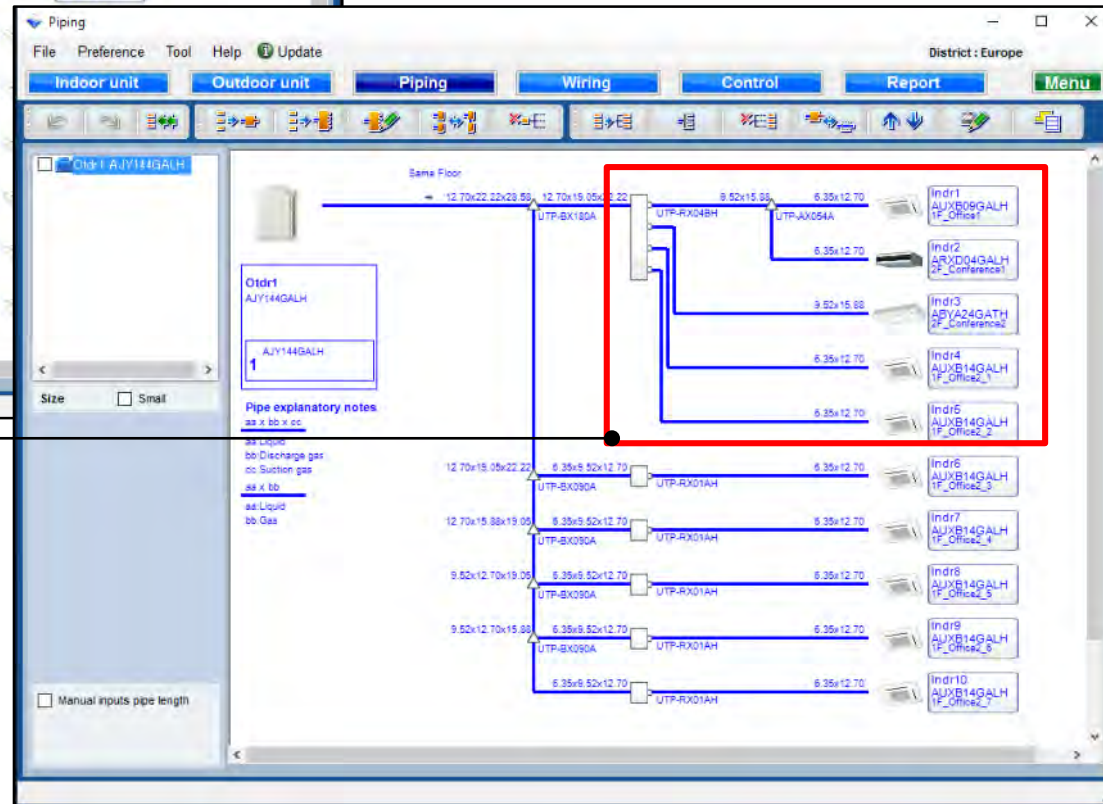
RB多功能

選擇RB 機種

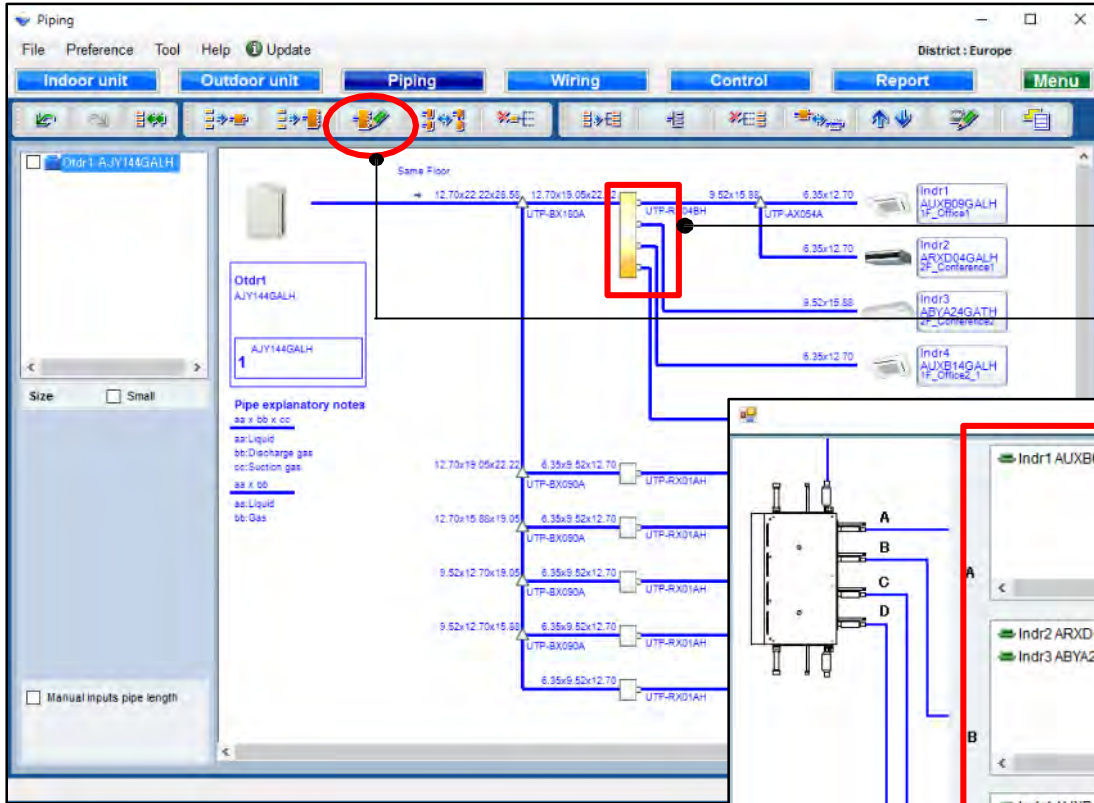
選擇“RB 多”



連結室內機



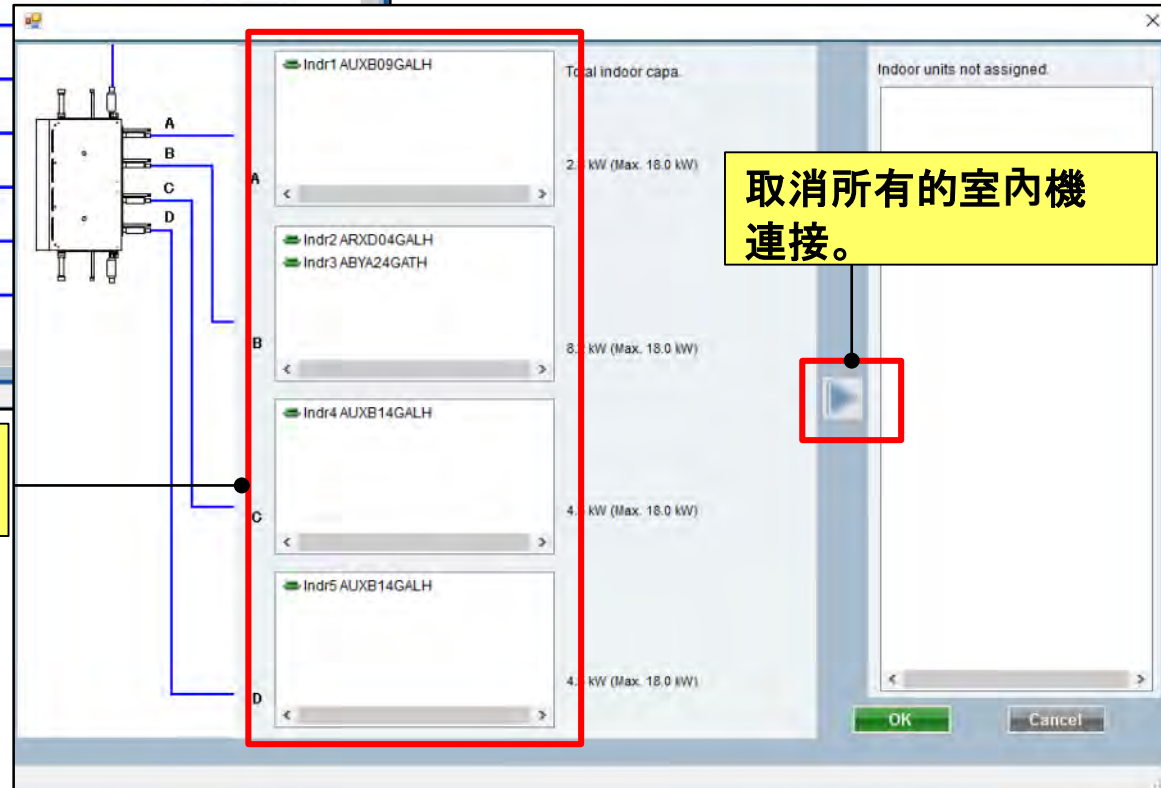
RB多重組合功能



選擇 RB 多聯機種

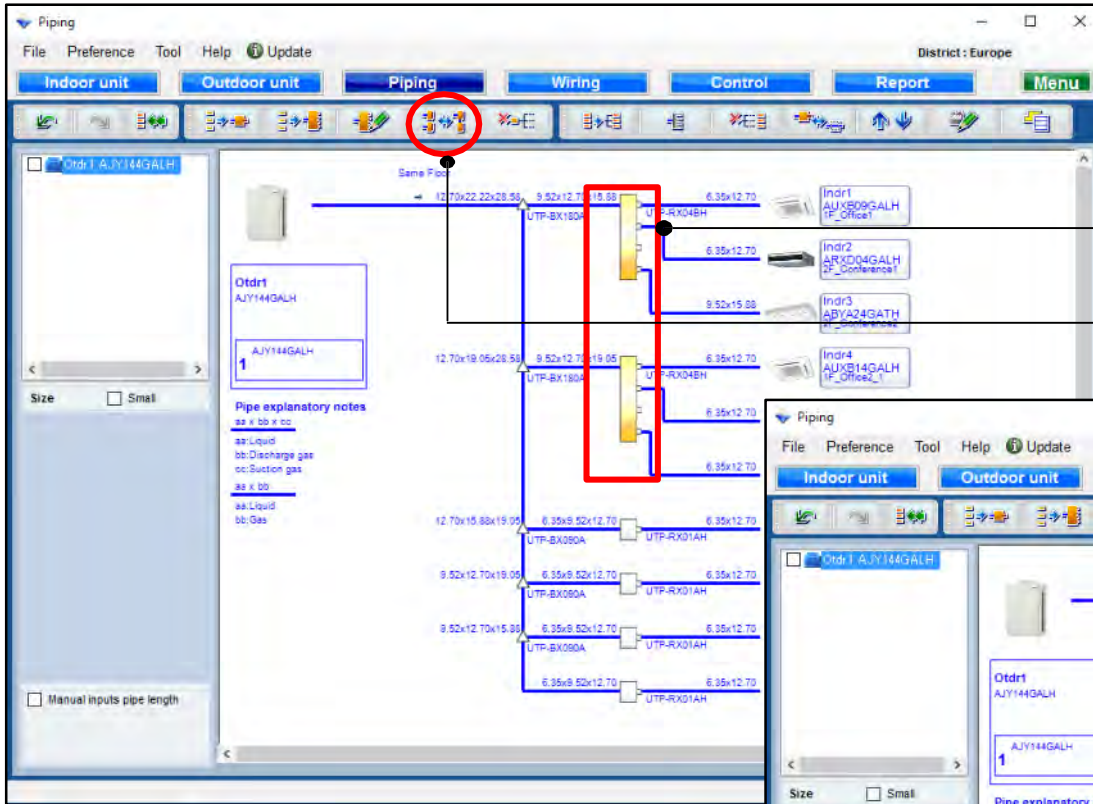
選擇
“RB多聯”

使用RB多功能時的室內機連接方法可以更改。



取消所有的室內機
連接。

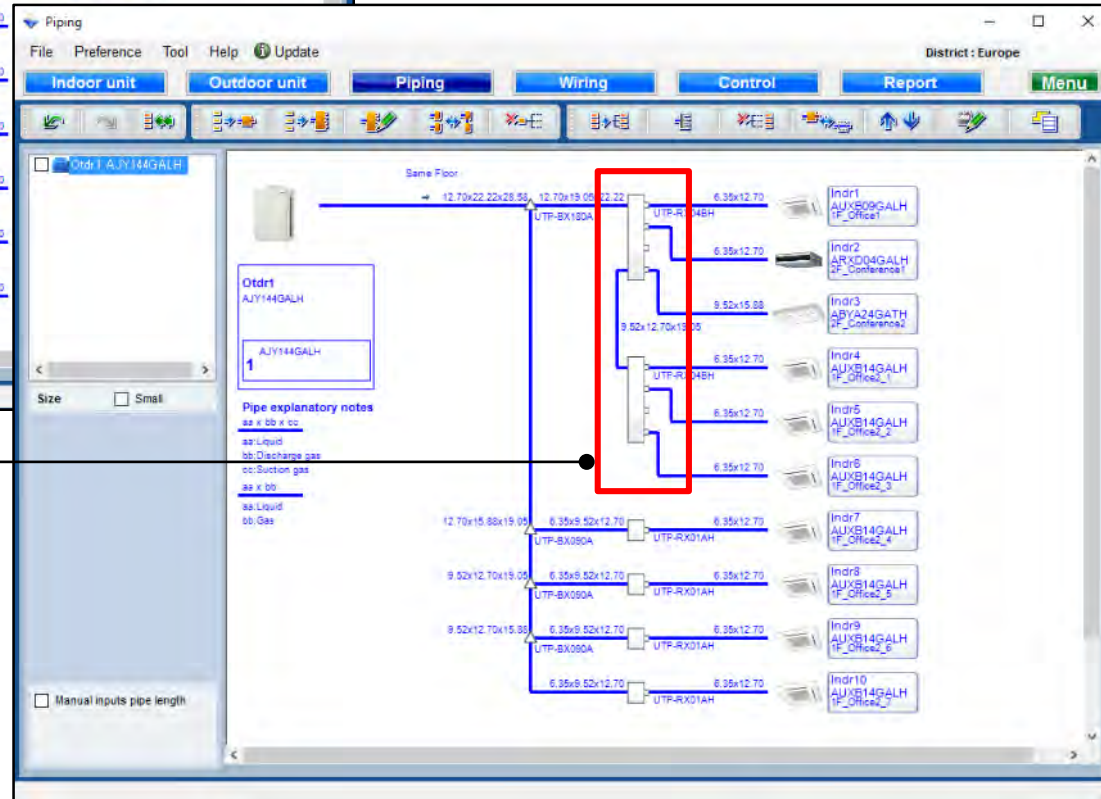
結合RB多功能



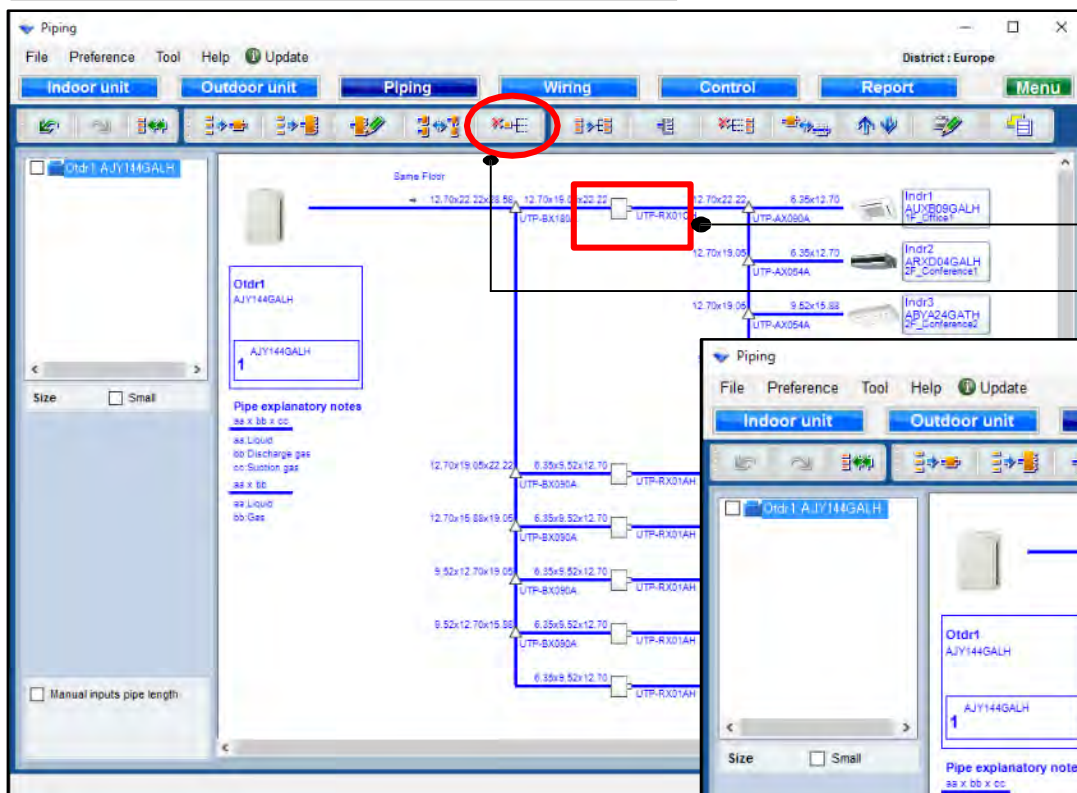
選擇 RB 多聯機種

選擇
“結合 RB 多聯”

將2個RB多組合併成1個組。



釋放組合功能

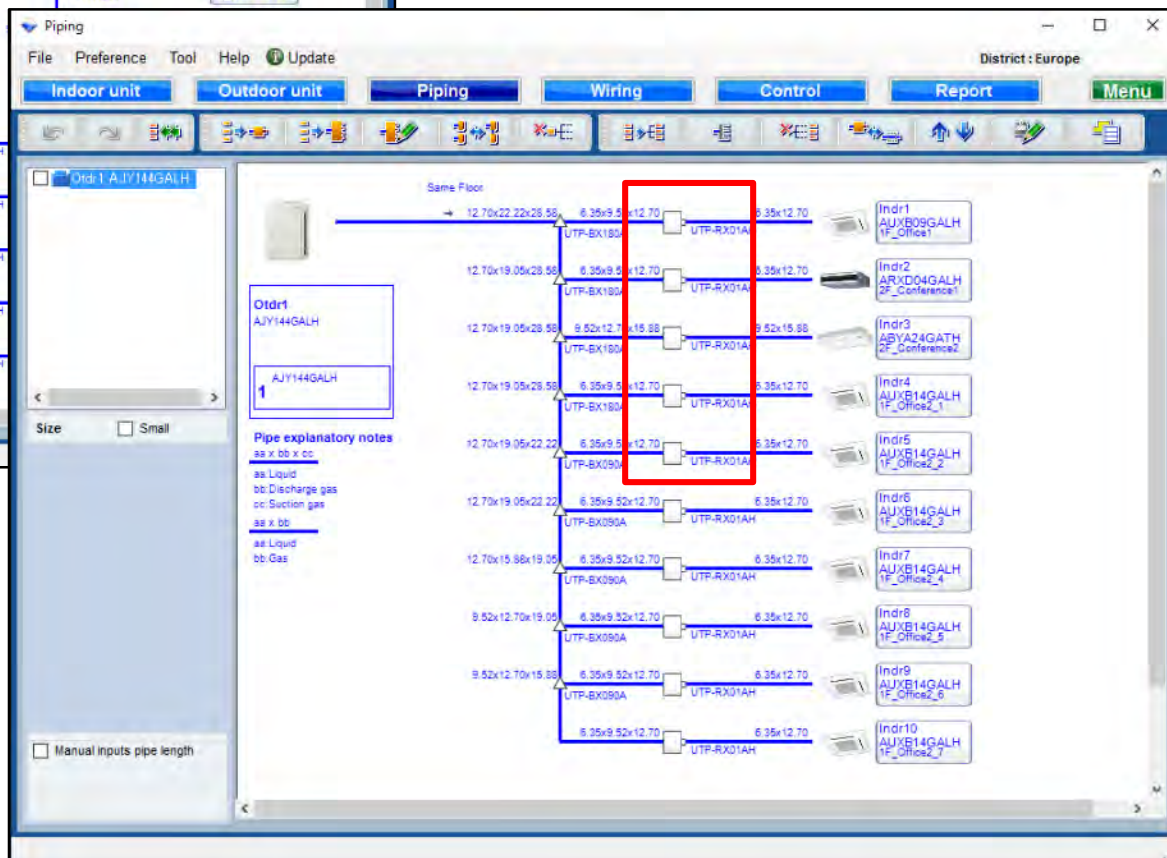


選擇RB機種

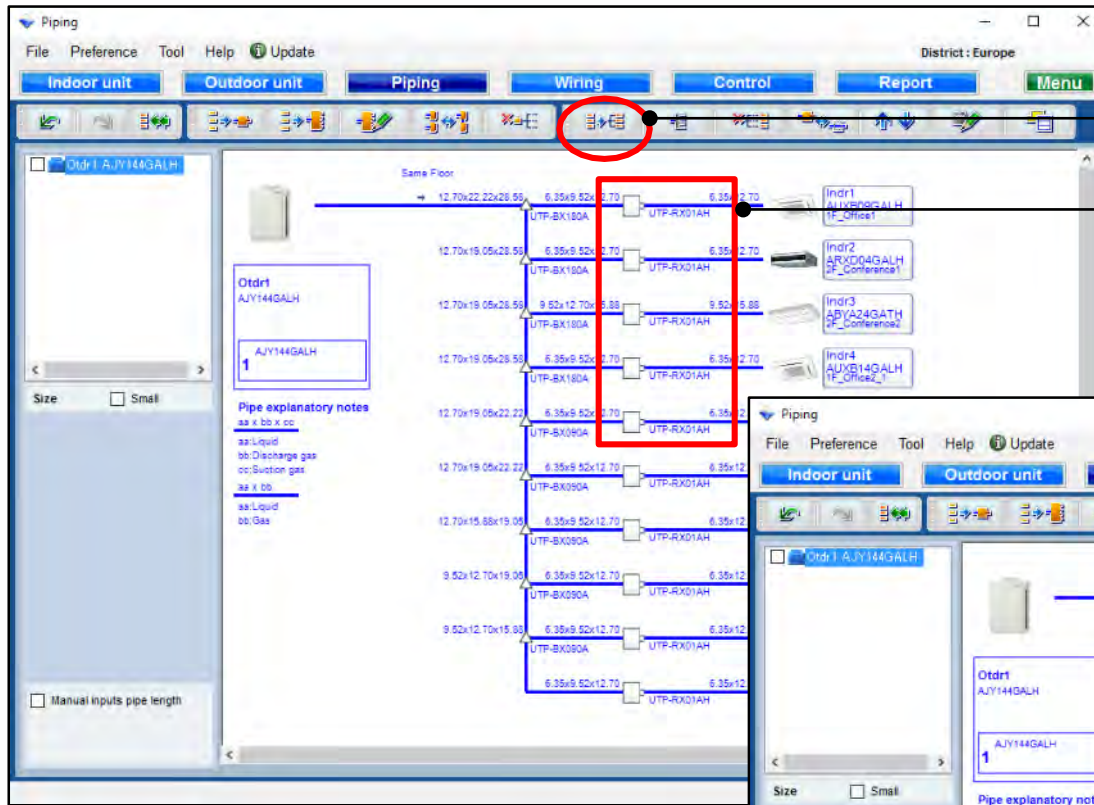
選擇“發布組合”

發布組合

*選定的RB多人或單人組合的所有單位可以被釋放。



結合室內功能

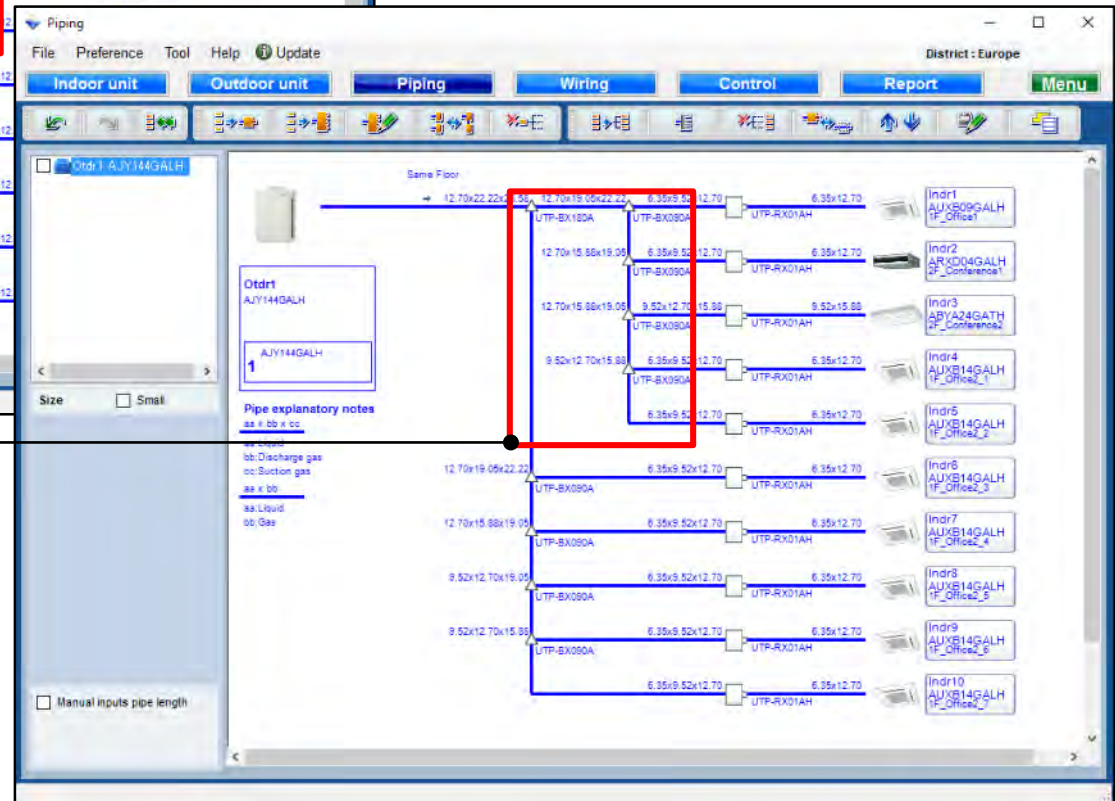


選擇RB機種

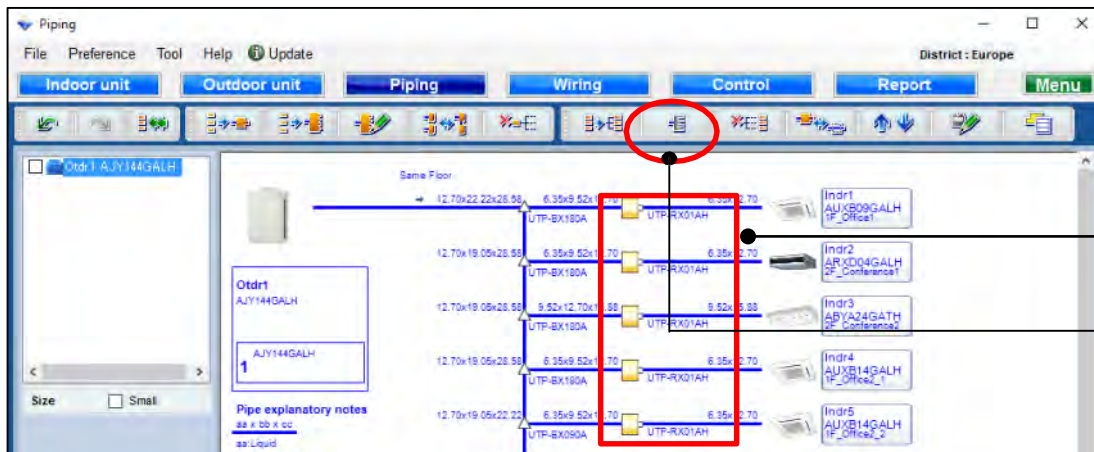


選擇“結合室內機”

這部分可以分開。



添加標題功能

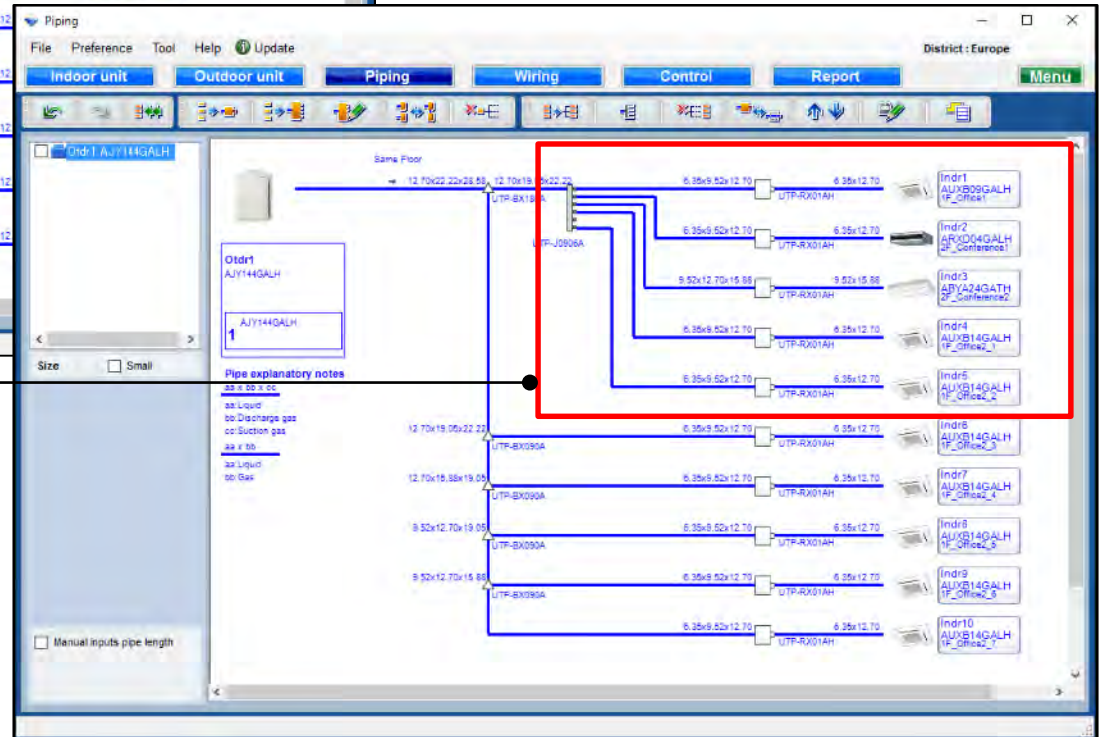


選擇RB 機種



選擇“添加標題”

新增標題組合

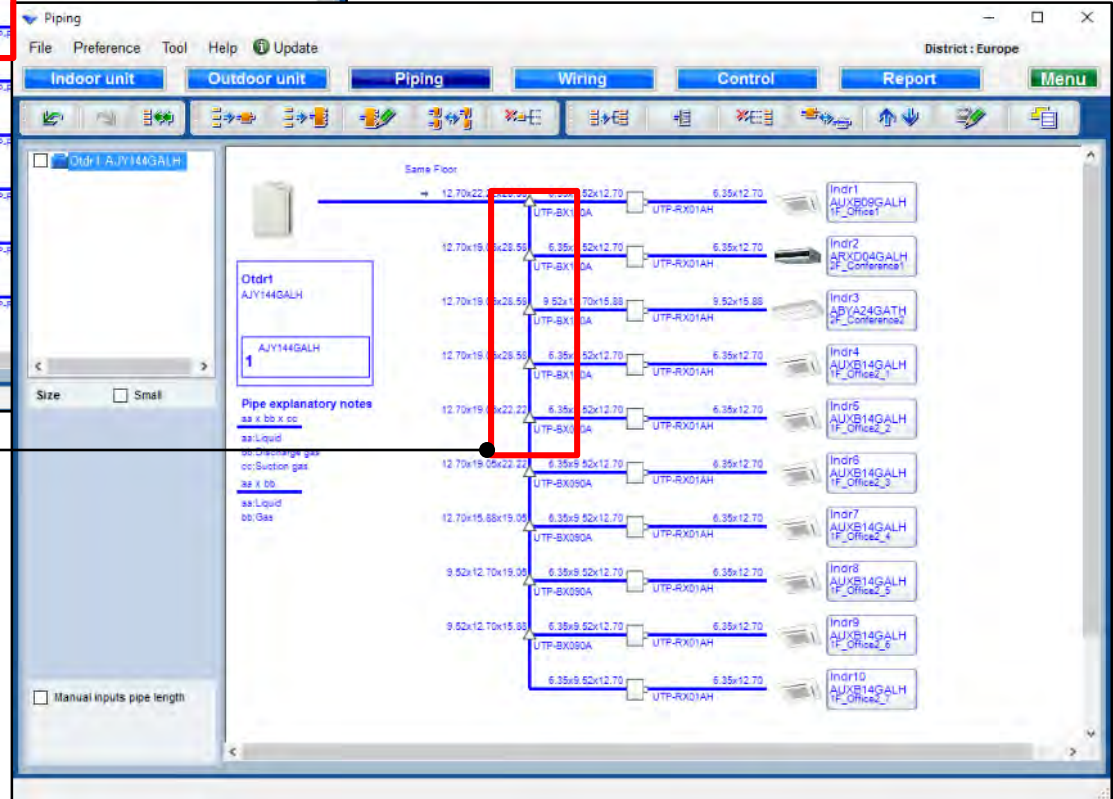
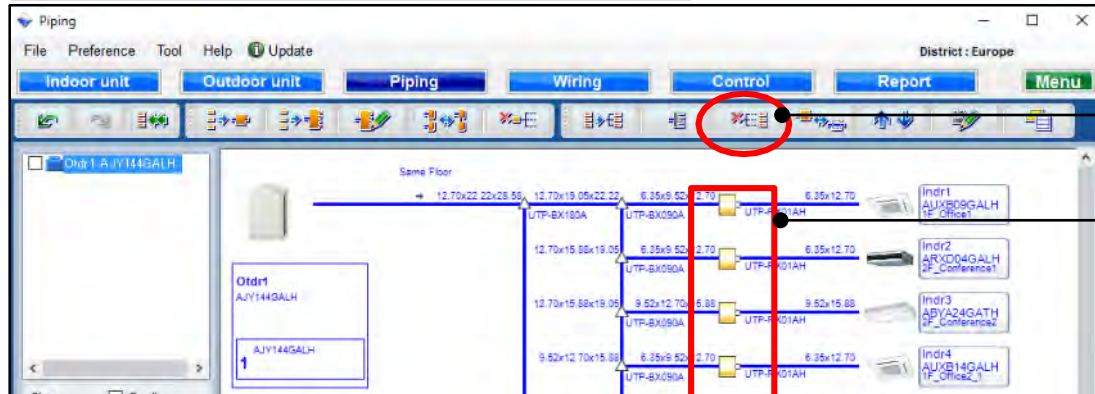


釋放組合功能

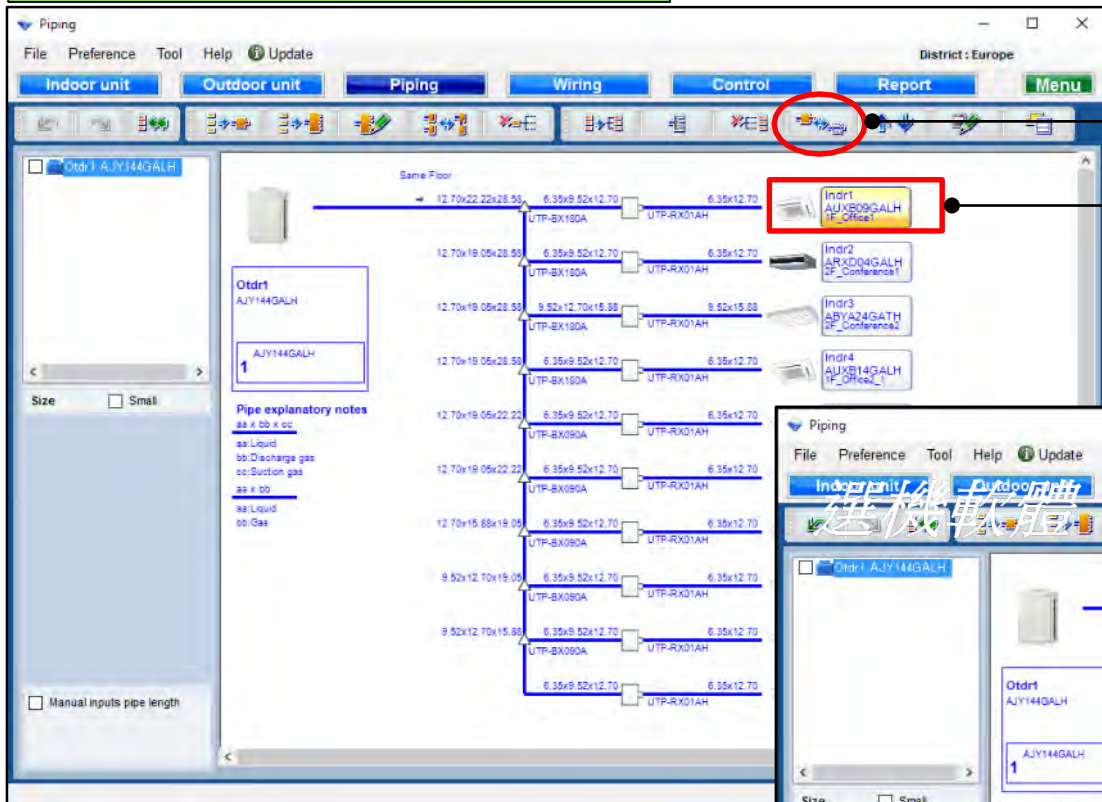
選擇 RB 機種

選擇“發布組合”

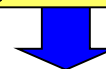
發佈組合



釋放單個RB功能

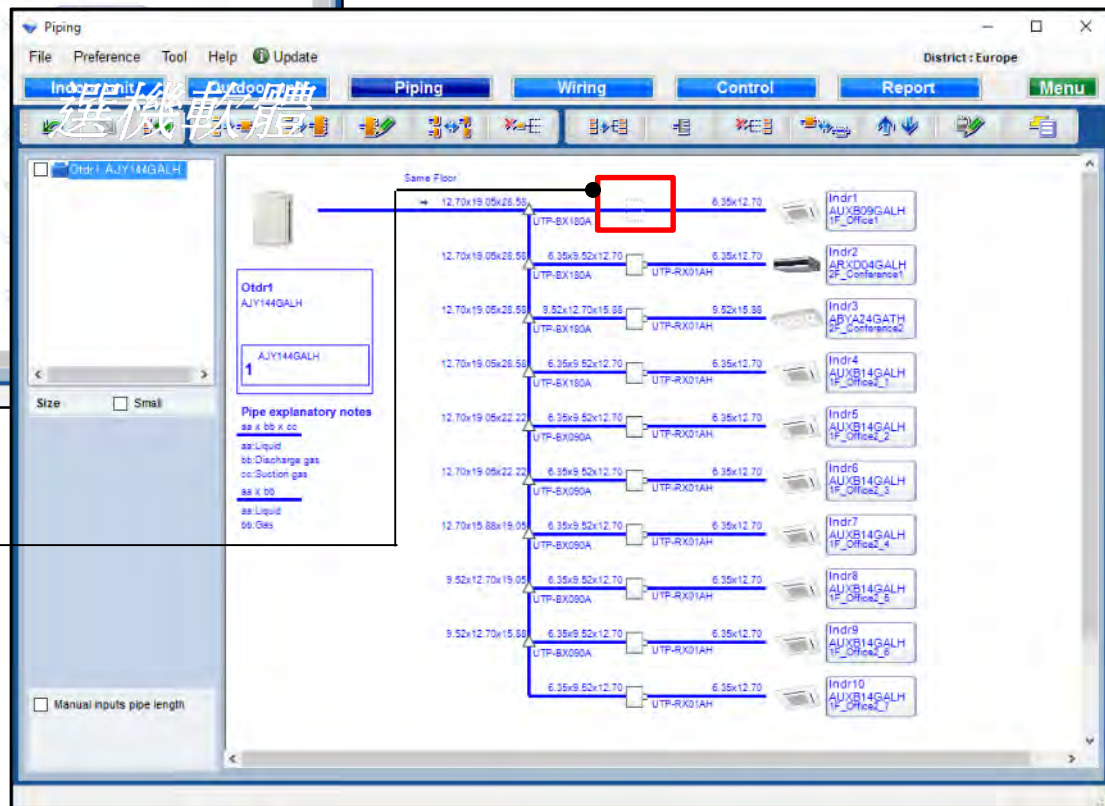


選擇室內機



選擇
“釋放單個RB
(只冷卻IU)”

所有室內機中所有容量的
50%以下可以更改為僅限
製冷。



上移室內機結合訂單功能

選擇
"上移室內機聯合訂單"

打開室內機移動

按檢查，然後按確定

移動Indr3

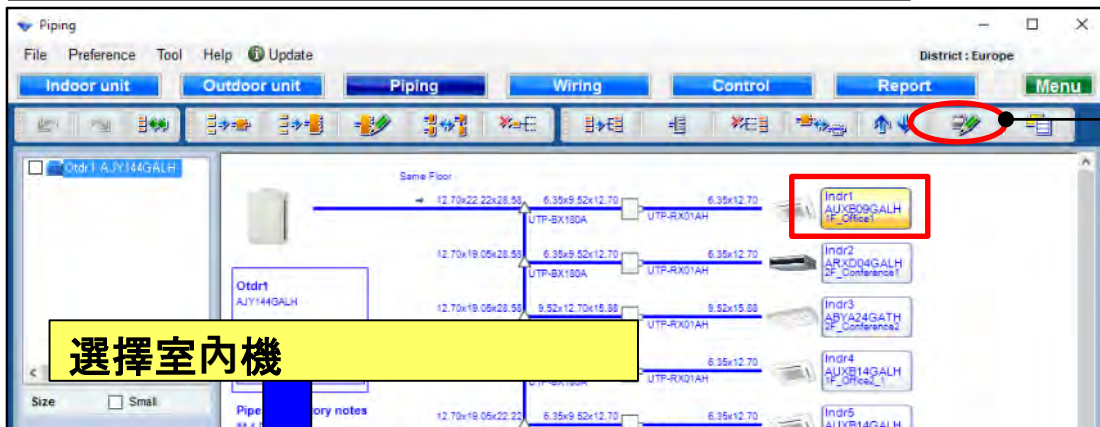
向上移動

移動Indr3到頂端

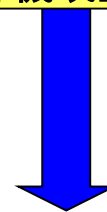
The image illustrates a four-step process for moving an indoor unit in a software application:

- Step 1:** The user opens the 'Report' menu in the 'Piping' window, where the 'Indr3' unit is highlighted.
- Step 2:** The 'Indoor movement' dialog box is opened, and the 'Up' arrow button is selected to move the unit upwards.
- Step 3:** The 'Check' button is pressed to confirm the movement.
- Step 4:** The 'Indr3' unit is successfully moved to the top of the piping diagram.

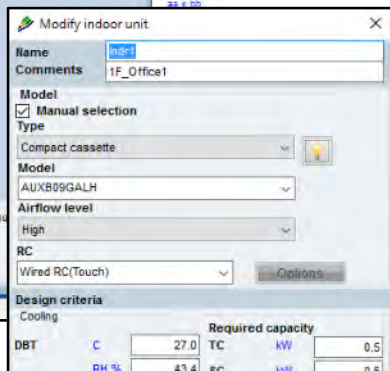
修改室外機或室內機功能



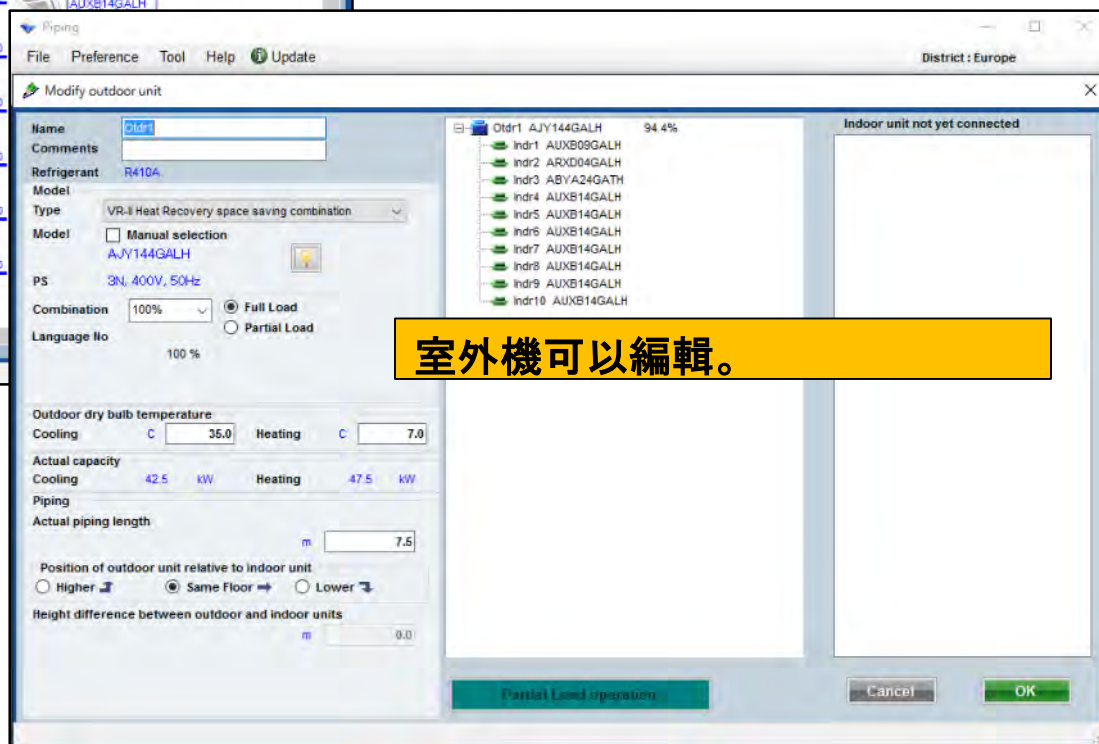
選擇
“修改室外機或室內機”



選擇室內機

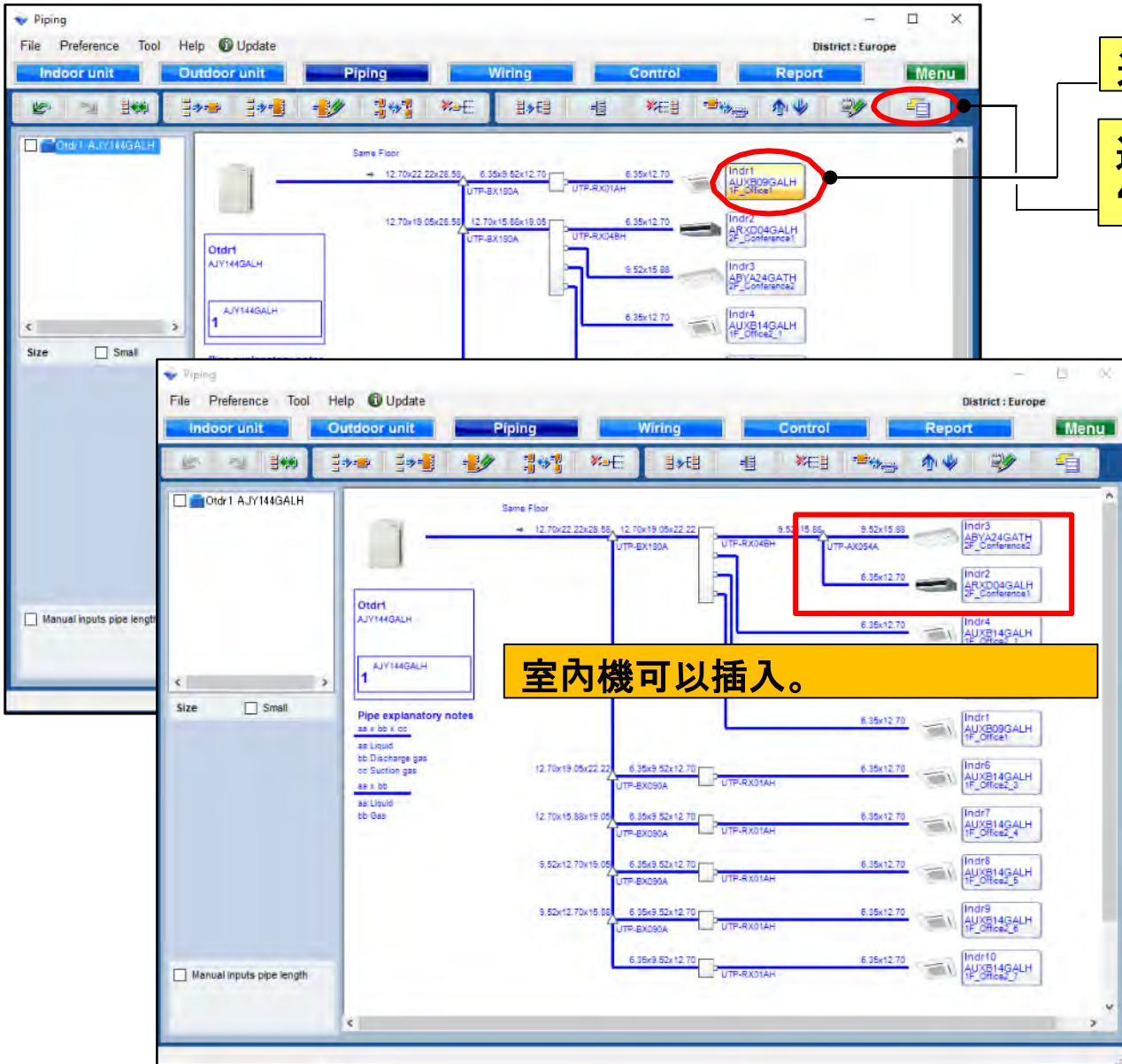


當選擇室內機 按“修改戶外或室內”時，室內機可以編輯。



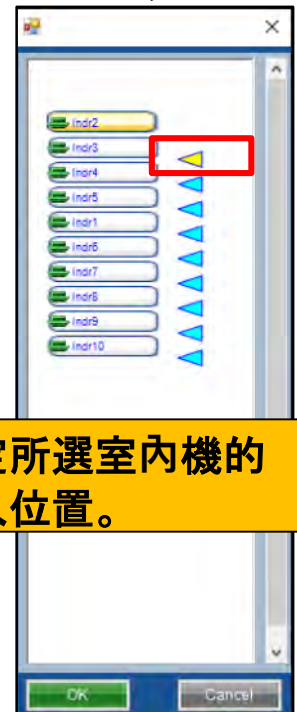
室外機可以編輯。

插入功能



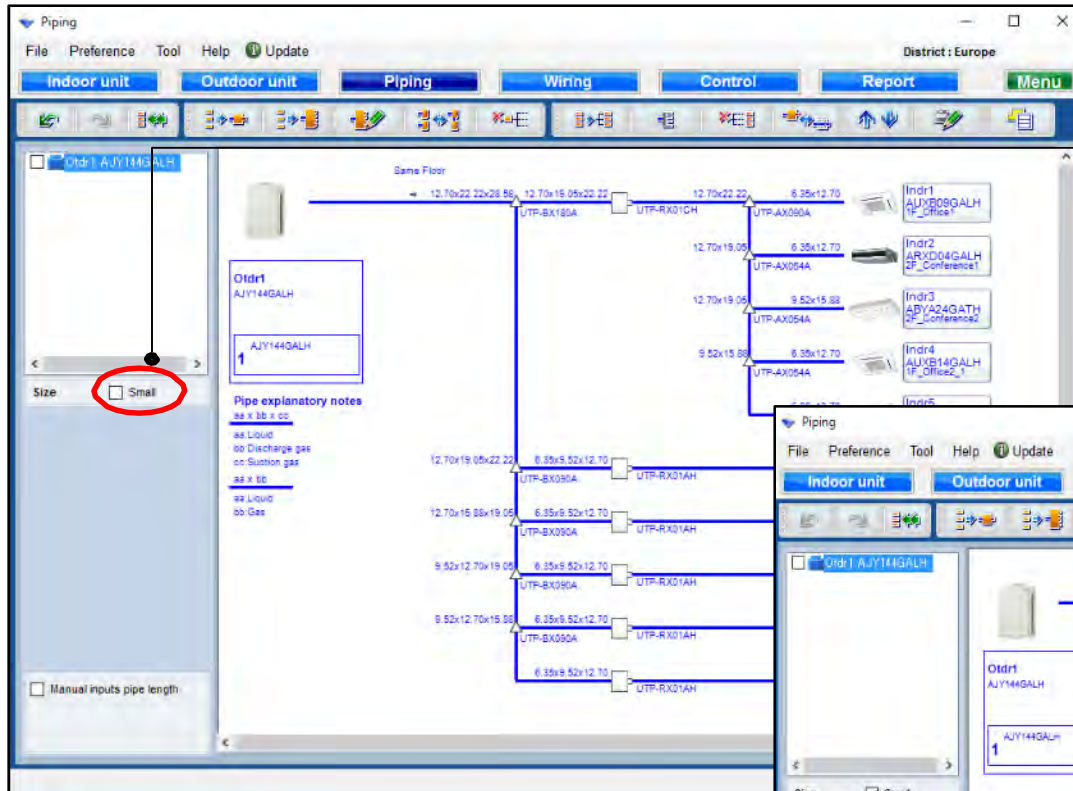
選擇室內機

選擇
“刪除，插入或撤消”



指定所選室內機的
插入位置。

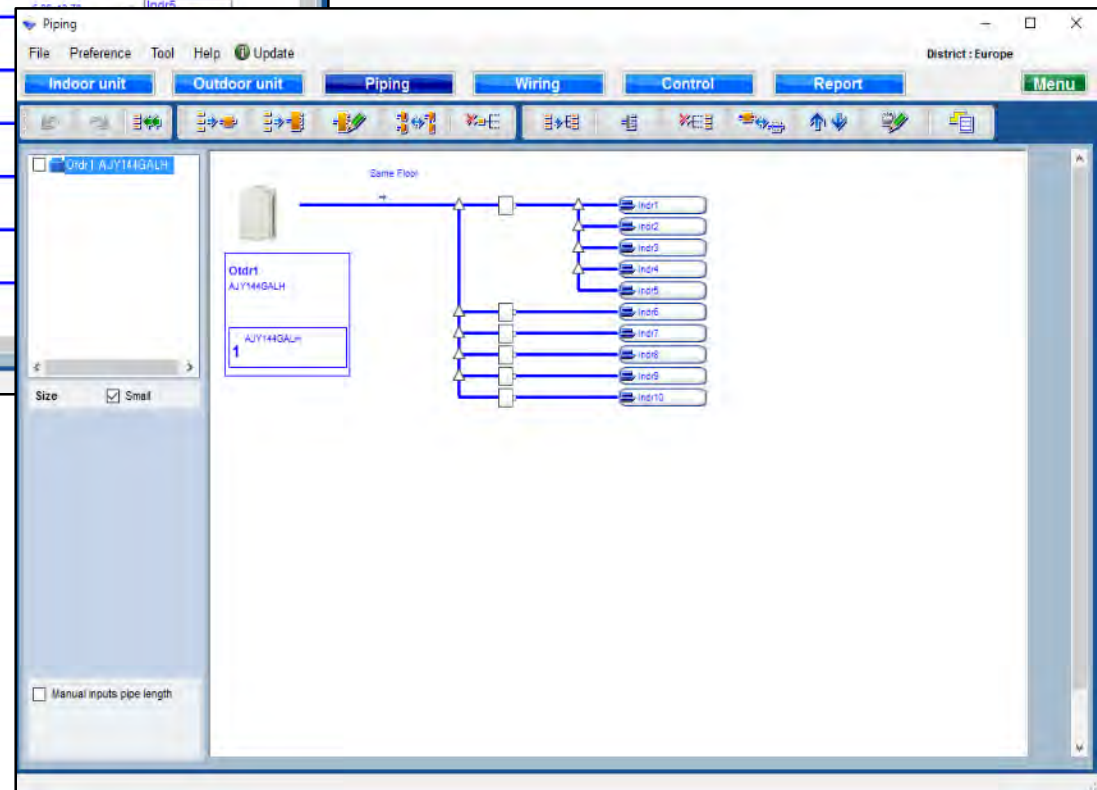
小視圖功能



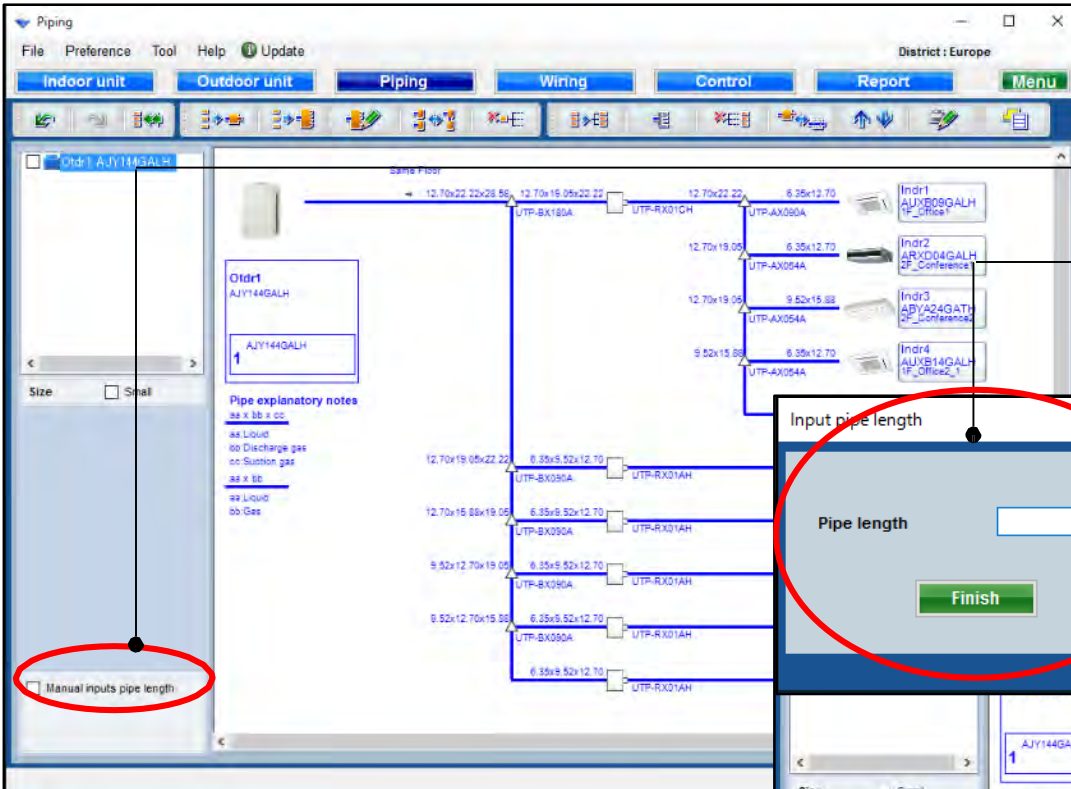
選擇“小”



它變成了小視圖。



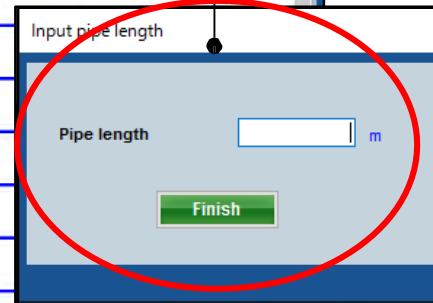
管道長度設定功能(1/4)



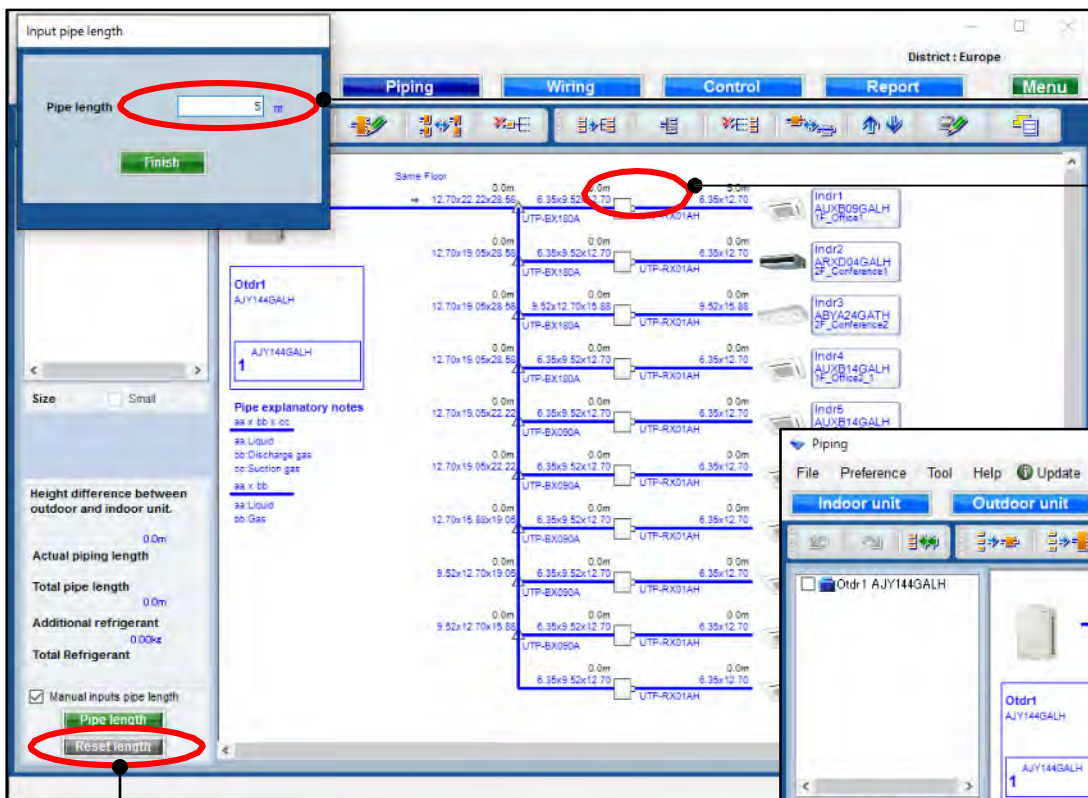
選擇“手動輸入管道長度”



打開管道長度選擇視窗



管道長度設定功能 (2/4)

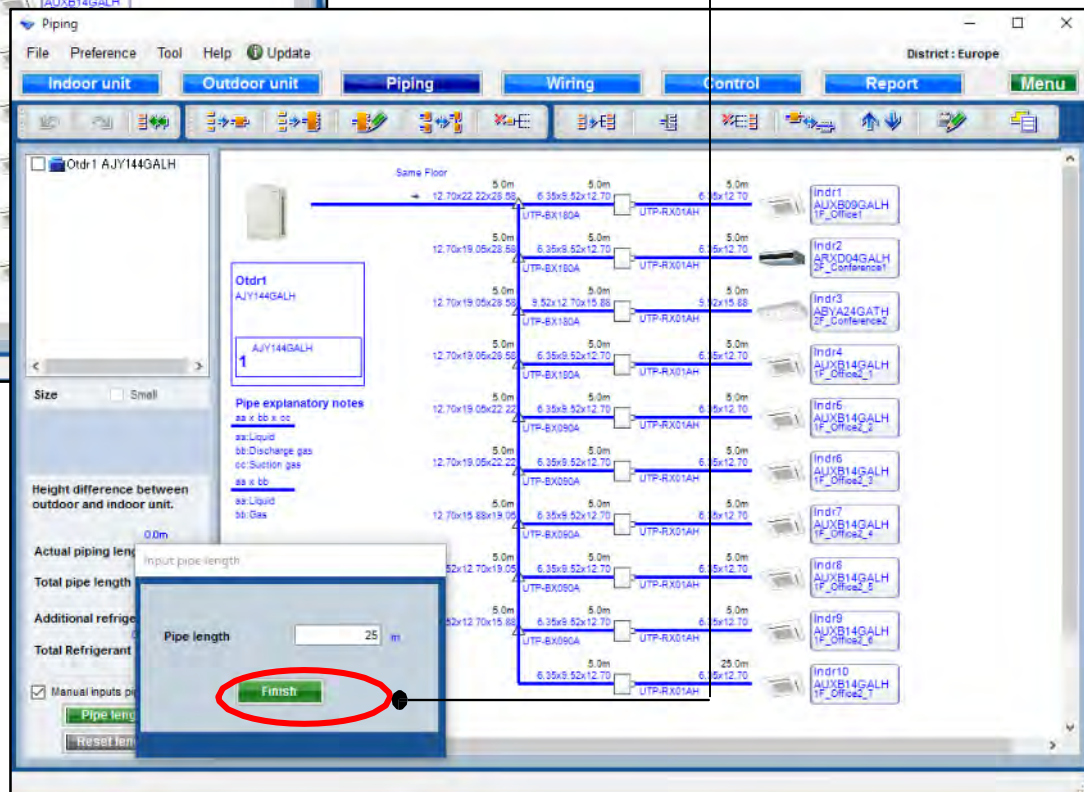


輸入管道長度

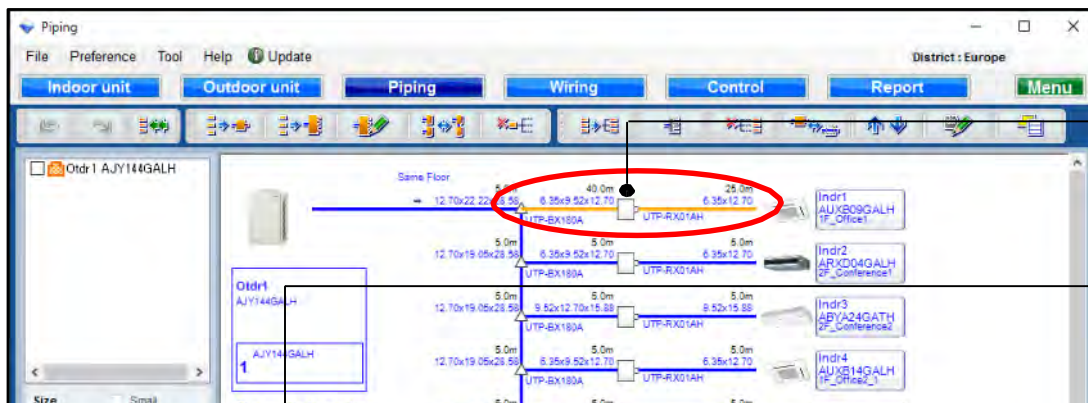
選擇每個管道

全部長度註冊後，選擇“完成”

將所有輸入管道長度重置為初始值

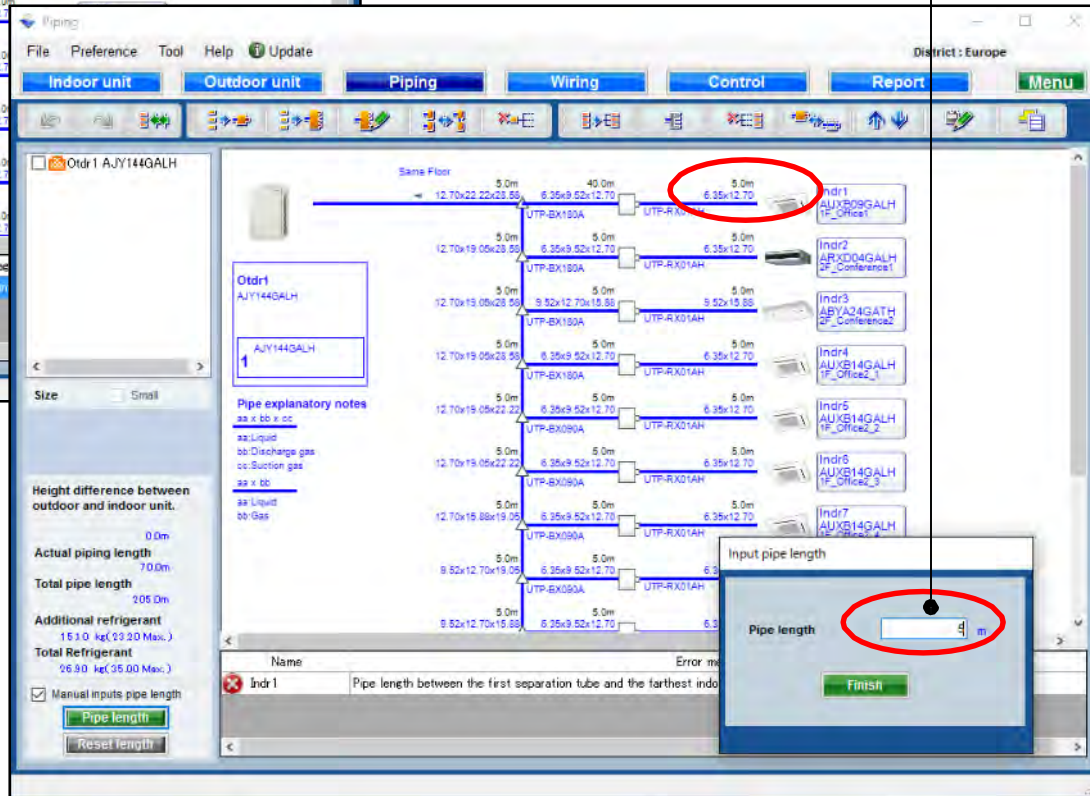
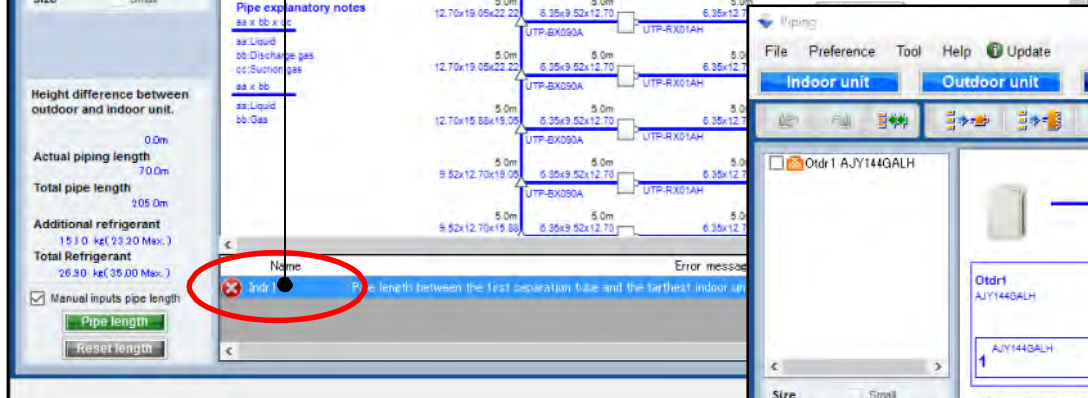


管道長度設定功能(3/4)



當信息未輸入或超出限制時，警告提供錯誤信息。

重複，然後選擇“完成”



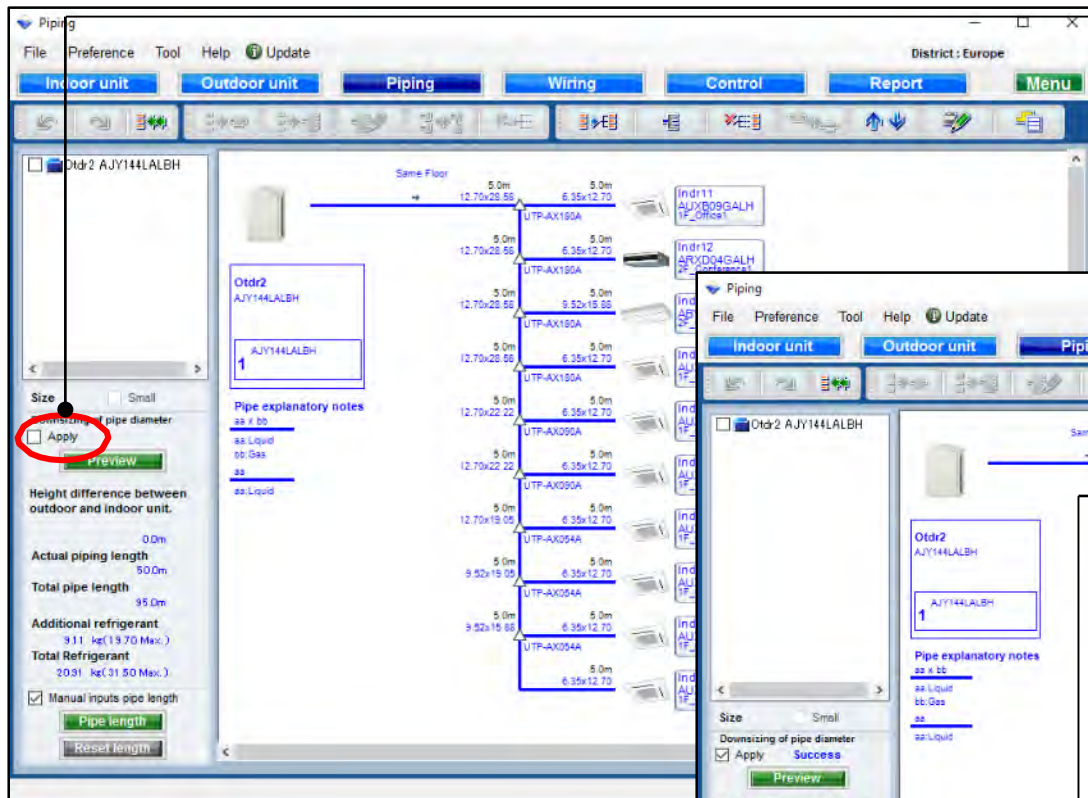
管徑功能縮小(1/2)

*僅限於目標區域的V-III系列

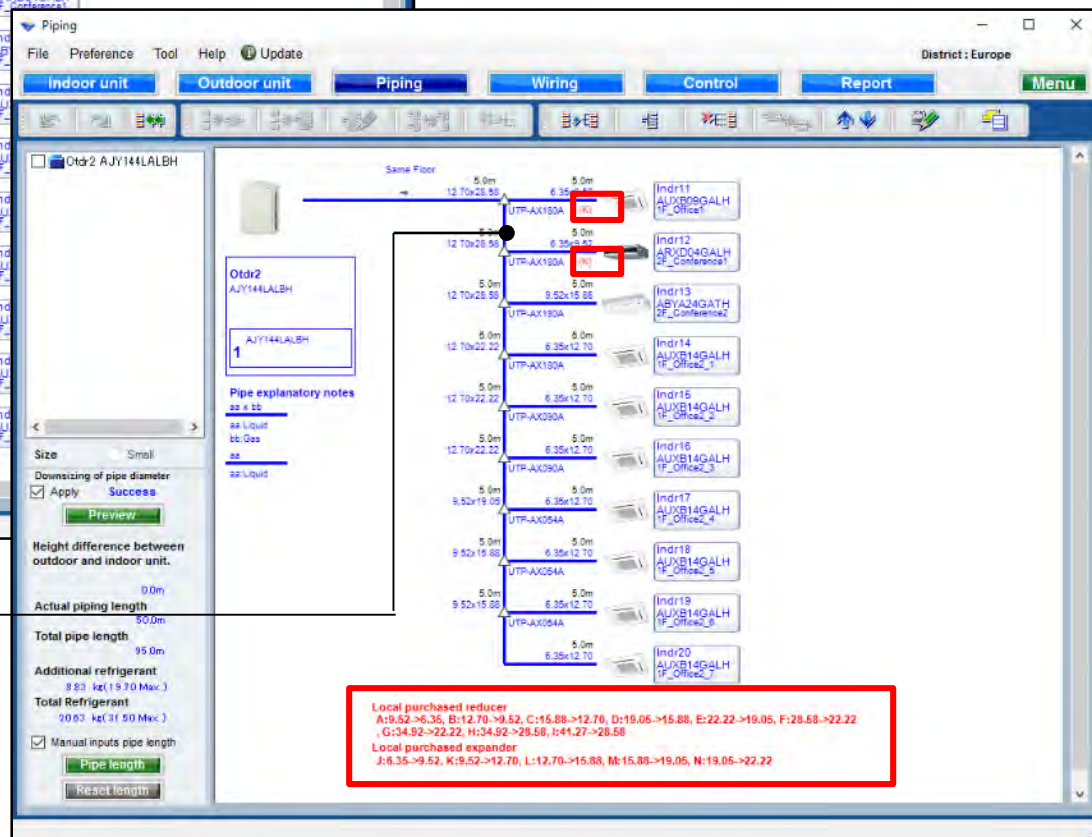
選擇“應用”



縮小管道直徑



當減少必要的訊息顯示



Local purchased reducer
A:9.52->6.35, B:12.70->9.52, C:15.88->12.70, D:19.05->15.88, E:22.22->19.05, F:25.58->22.22
G:34.92->22.22, H:34.92->25.58, I:41.27->25.58
Local purchased expander
J:6.35->9.52, K:9.52->12.70, L:12.70->15.88, M:15.88->19.05, N:19.05->22.22

管徑功能縮小(2/2)

The screenshot shows the 'Piping' software interface. On the left, there is a settings panel for 'Downsizing of pipe diameter'. The 'Preview' button is circled in red. The main area displays a piping diagram with various indoor units (Indr11 to Indr20) and outdoor units connected by pipes. The diagram shows pipe sizes and lengths for different segments.

選擇“預覽”

顯示“縮小管徑”

The dialog box titled 'Downsizing of pipe diameter' contains a table with the following data:

Pipe Size (mm)	Normal (m)	Downsizing (m)	Difference (m)
6.35	45.0	45.0	0.0
9.52	15.0	30.0	15.0
12.70	80.0	65.0	-15.0
15.88	10.0	15.0	5.0
19.05	10.0	5.0	-5.0
22.22	10.0	15.0	5.0
28.58	20.0	15.0	-5.0
Downsized pipe length			25.0
Refrigerant (kg)	9.11	8.83	0.28

Below the table, there is a text box with the following text:

If you input the lengths of the pipes, and their length are based on the following condition, you can downsize the pipe size.

- Between outdoor unit to outdoor unit branch kit :
Between outdoor unit branch kits or outdoor unit branch kit to first separation tube :
The length between master out door unit and the farthest indoor unit should be 70.0m or less.
- Between separation tubes :
The length between master out door unit and the farthest indoor unit should be 120.0m or less,
and the length between the first separation tube and the farthest indoor unit should be 60.0m or less.
- Between separation tube to indoor unit :

顯示管道和冷媒量減小前後的差異。

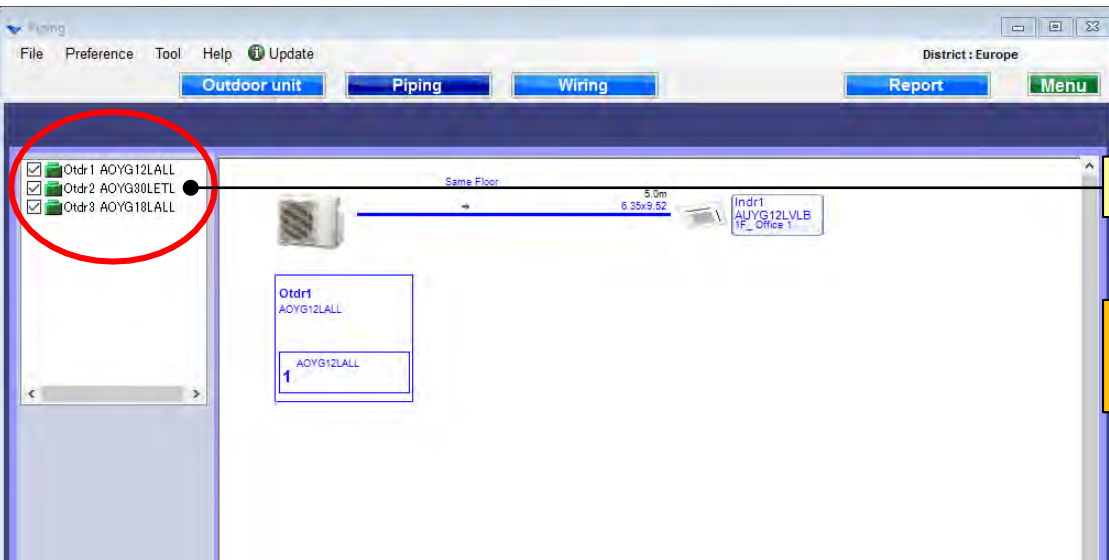
The image shows two overlapping screenshots of the Design Simulator software. The top screenshot shows the main 'Outdoor unit' settings window. The 'Piping' tab is highlighted with a red circle. A yellow callout box with a blue arrow points to this tab, containing the text 'Select "Piping settings"'. Below this, another yellow callout box contains the text 'Show Piping system diagram'. The bottom screenshot shows the 'Piping' window, which displays a piping system diagram. The diagram shows an outdoor unit connected to an indoor unit (Indr1 AUYG12LVLB) on the same floor. The distance between them is 5.0m, with a pressure drop of 6.35x9.52. A legend on the left lists three outdoor units: Otdr1 AUYG12LALL, Otdr2 AUYG30LETL, and Otdr3 AUYG18LALL. The indoor unit is labeled 'Indr1 AUYG12LVLB 1F_Office 1'.

Select "Piping settings"

Show Piping system diagram

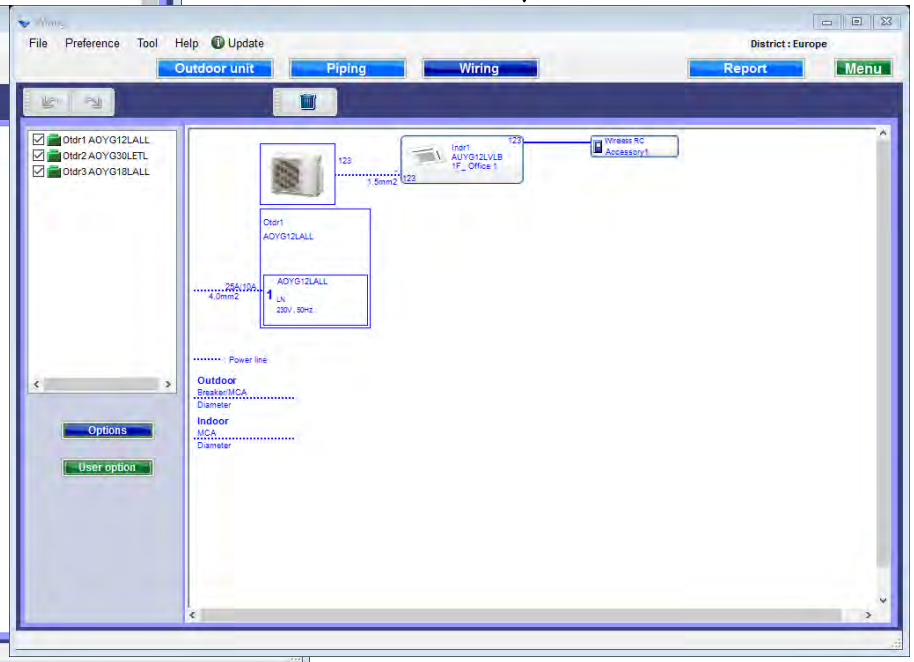
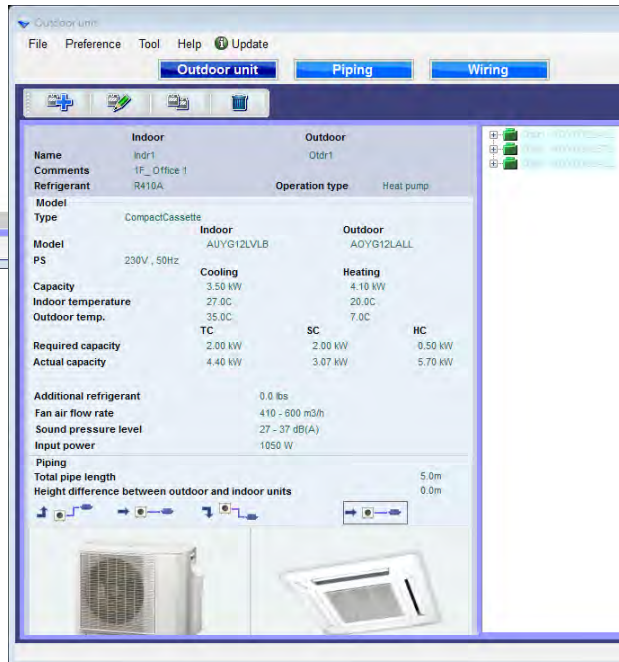
Name	Indoor	Outdoor
Indr1	Indr1	Otdr1
Comments	1F_Office 1	
Refrigerant	R410A	Operation type: Heat pump
Model		
Type	CompactCassette	
Model	AUYG12LVLB	AOYG12LALL
PS	230V, 50Hz	
Capacity	Cooling: 3.50 kW	Heating: 4.10 kW
Indoor temperature	27.0C	20.0C
Outdoor temp.	35.0C	7.0C
Required capacity	TC: 2.00 kW	SC: 2.00 kW
Actual capacity	4.40 kW	3.07 kW
Additional refrigerant	0.0 lbs	
Fan air flow rate	410 - 600 m3/h	
Sound pressure level	27 - 37 dB(A)	
Input power	1050 W	
Piping		
Total pipe length		
Height difference between outdoor and indoor units		

Refrigerant system determination



Check the refrigerant system

Checked refrigerant system cannot be edited at each screen



Naciśnij „Orurowanie”

Wyświetlony zostanie schemat instalacji chłodniczej

Name	Indoor	Outdoor	
Comments	1F_Office 1	Otdr1	
Refrigerant	R410A	Operation type	Heat pump
Model			
Type	CompactCassette		
Model	AUYG12LVLB	Outdoor	AOYG12LALL
PS	230V, 50Hz		
Capacity	Cooling	Heating	
	3.50 kW	4.10 kW	
Indoor temperature	27.0C	20.0C	
Outdoor temp.	35.0C	7.0C	
	TC	SC	
Required capacity	2.00 kW	2.00 kW	
Actual capacity	4.40 kW	3.07 kW	
Additional refrigerant	0.0 lbs		
Fan air flow rate	410 - 600 m3/h		
Sound pressure level	27 - 37 dB(A)		
Input power	1050 W		
Piping			
Total pipe length			
Height difference between outdoor and indoor units			

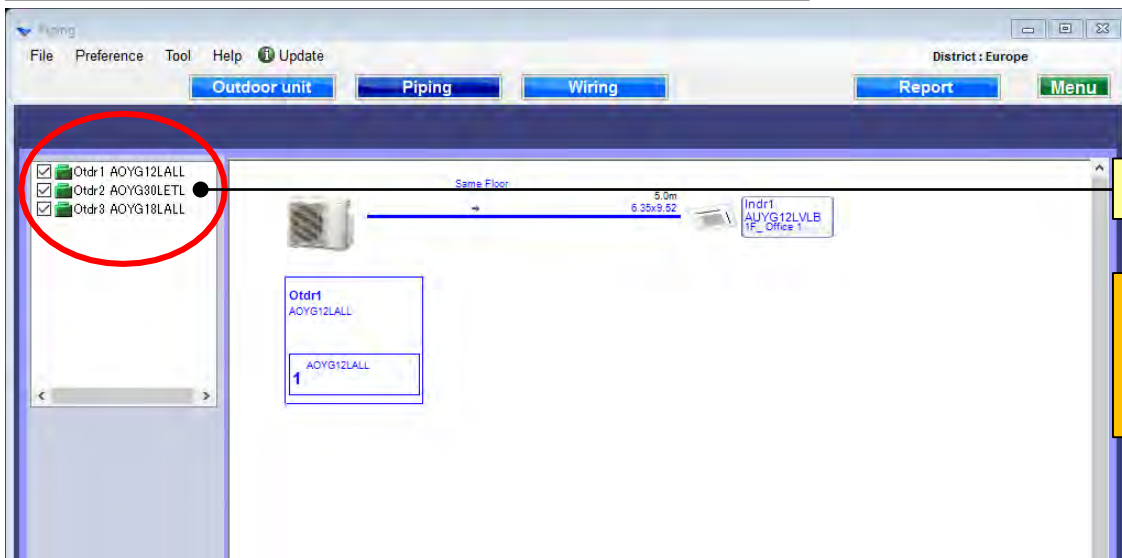
Outdoor unit list:

- Otdr1 AOYG12LALL
- Otdr2 AOYG30LETL
- Otdr3 AOYG18LALL

Schematic diagram details:

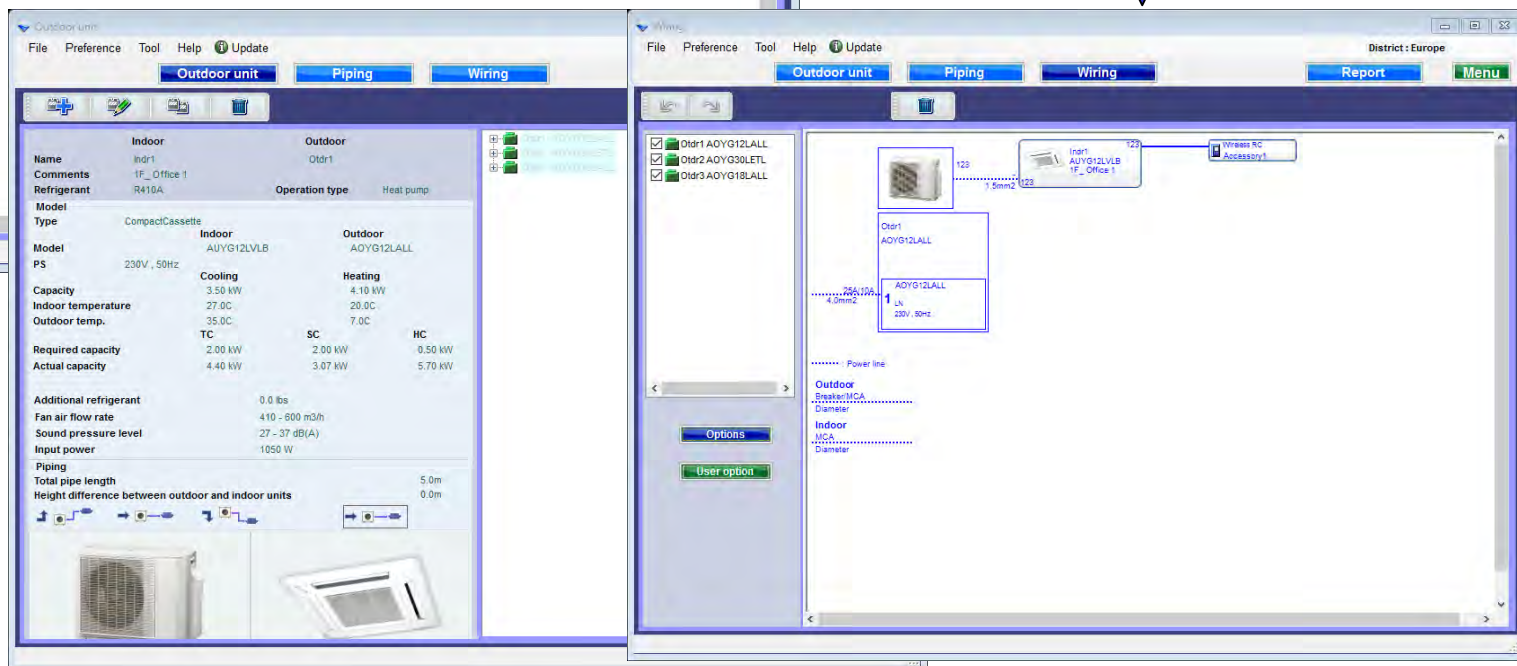
- Indoor unit: Indr1 AUYG12LVLB 1F_Office 1
- Outdoor unit: Otdr1 AOYG12LALL
- Pipe length: 5.0m
- Pressure drop: 6.35x9.52

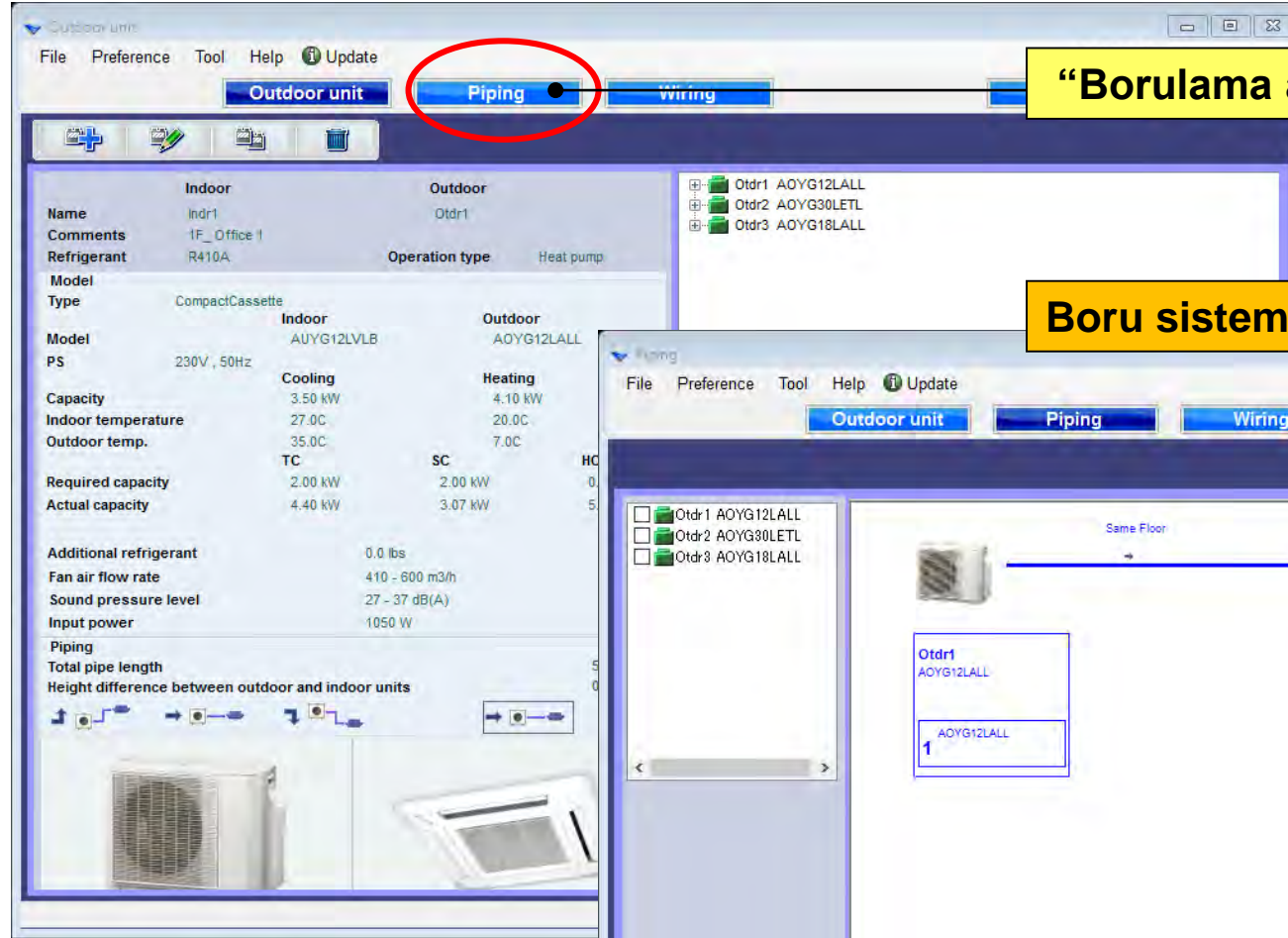
Wybór układu chłodniczego



Zaznacz układ chłodniczy

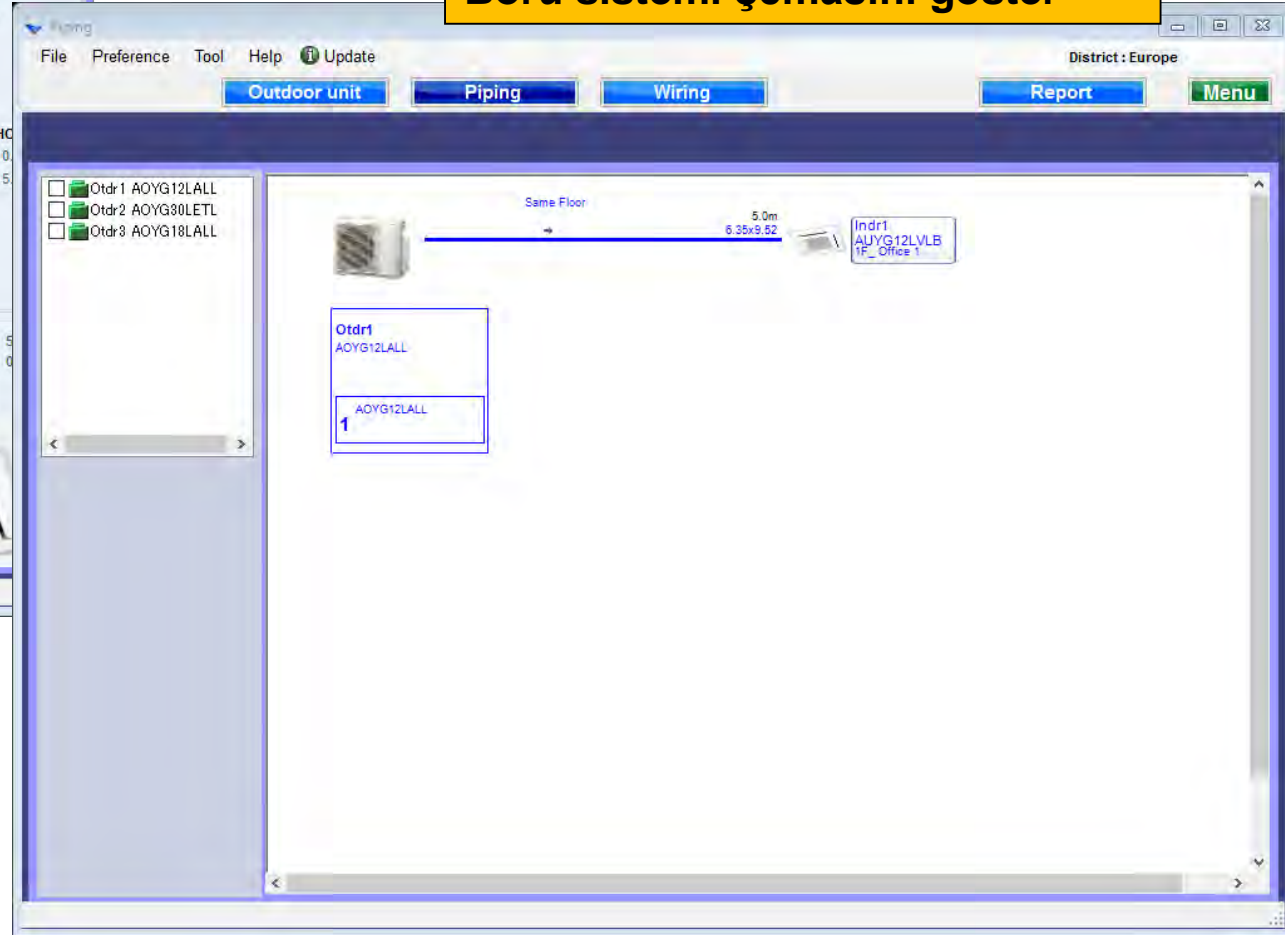
Zaznaczony układ chłodniczy nie może być edytowany na każdym ekranie

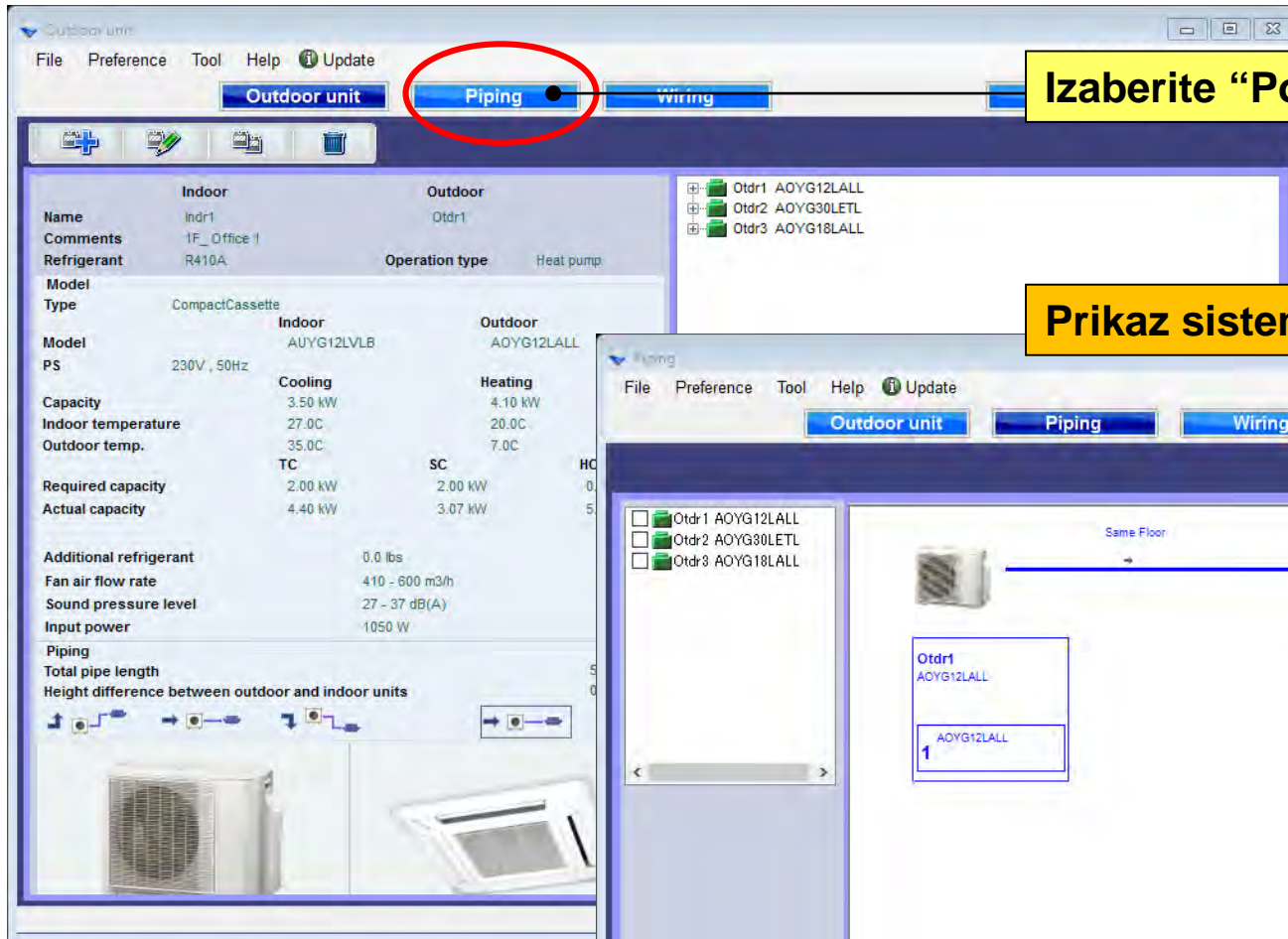




“Borulama ayarları” seç

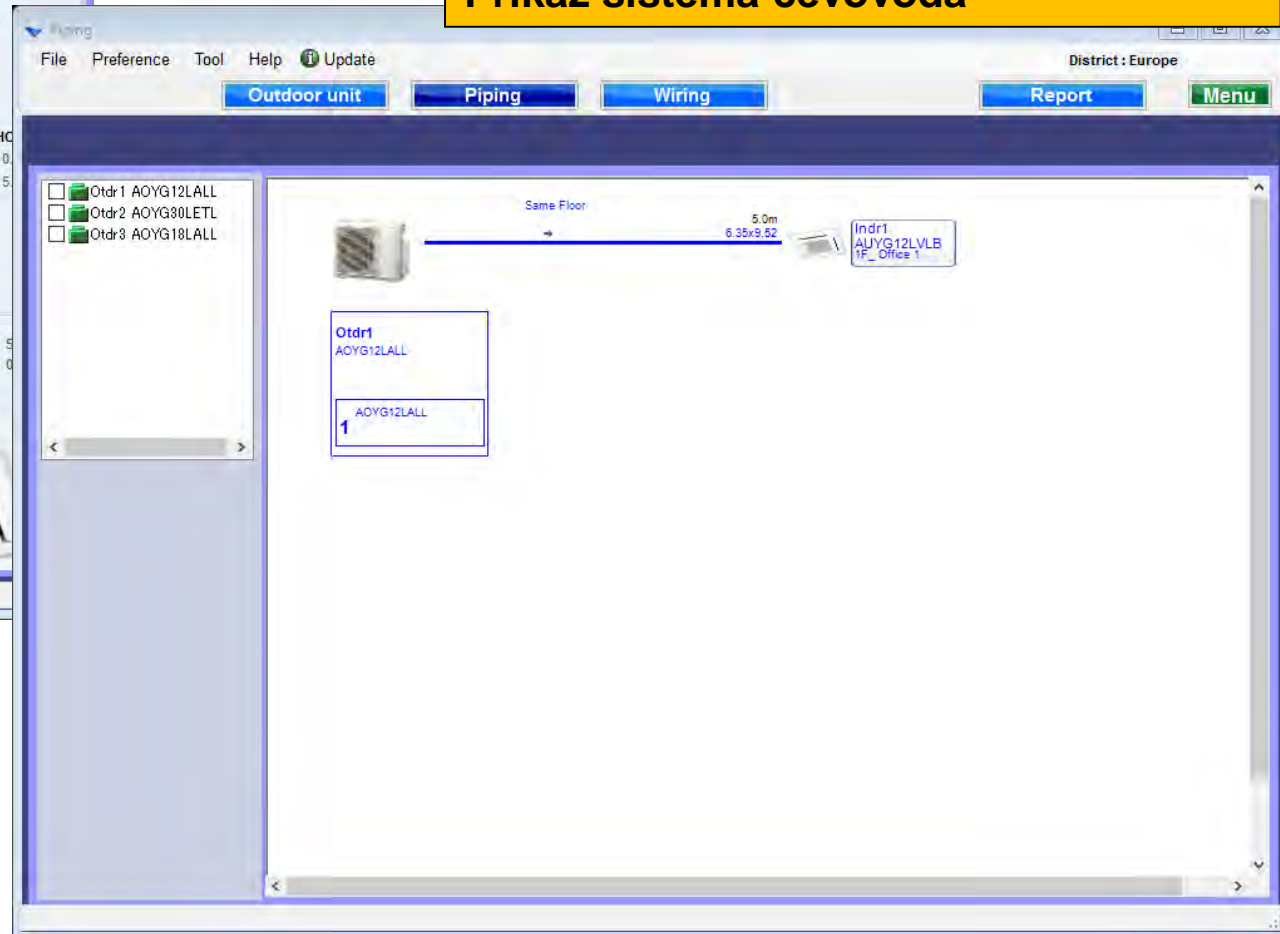
Boru sistemi şemasını göster



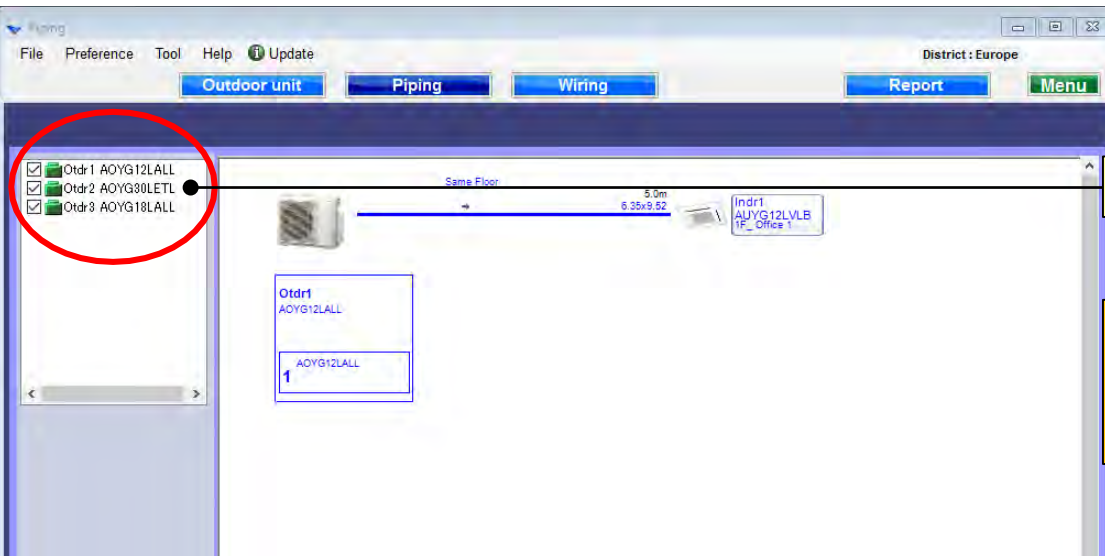


Izaberite "Podešavanje cevovoda"

Prikaz sistema cevovoda

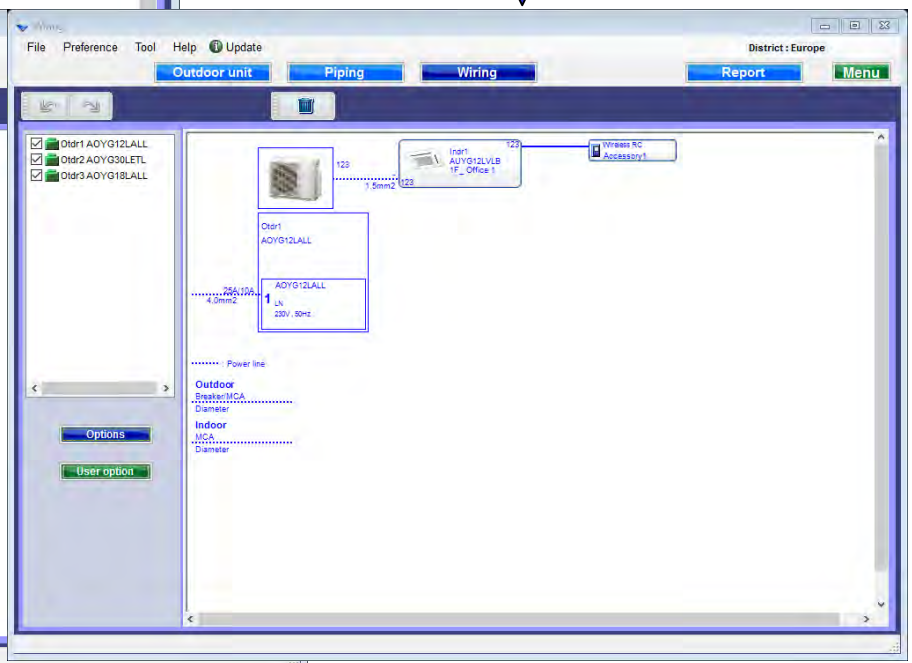
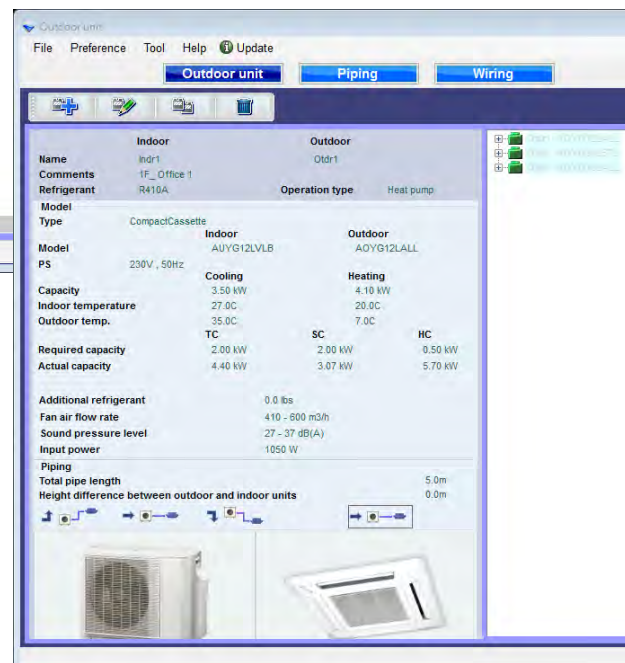


Određivanje sistema rashladnog fluida



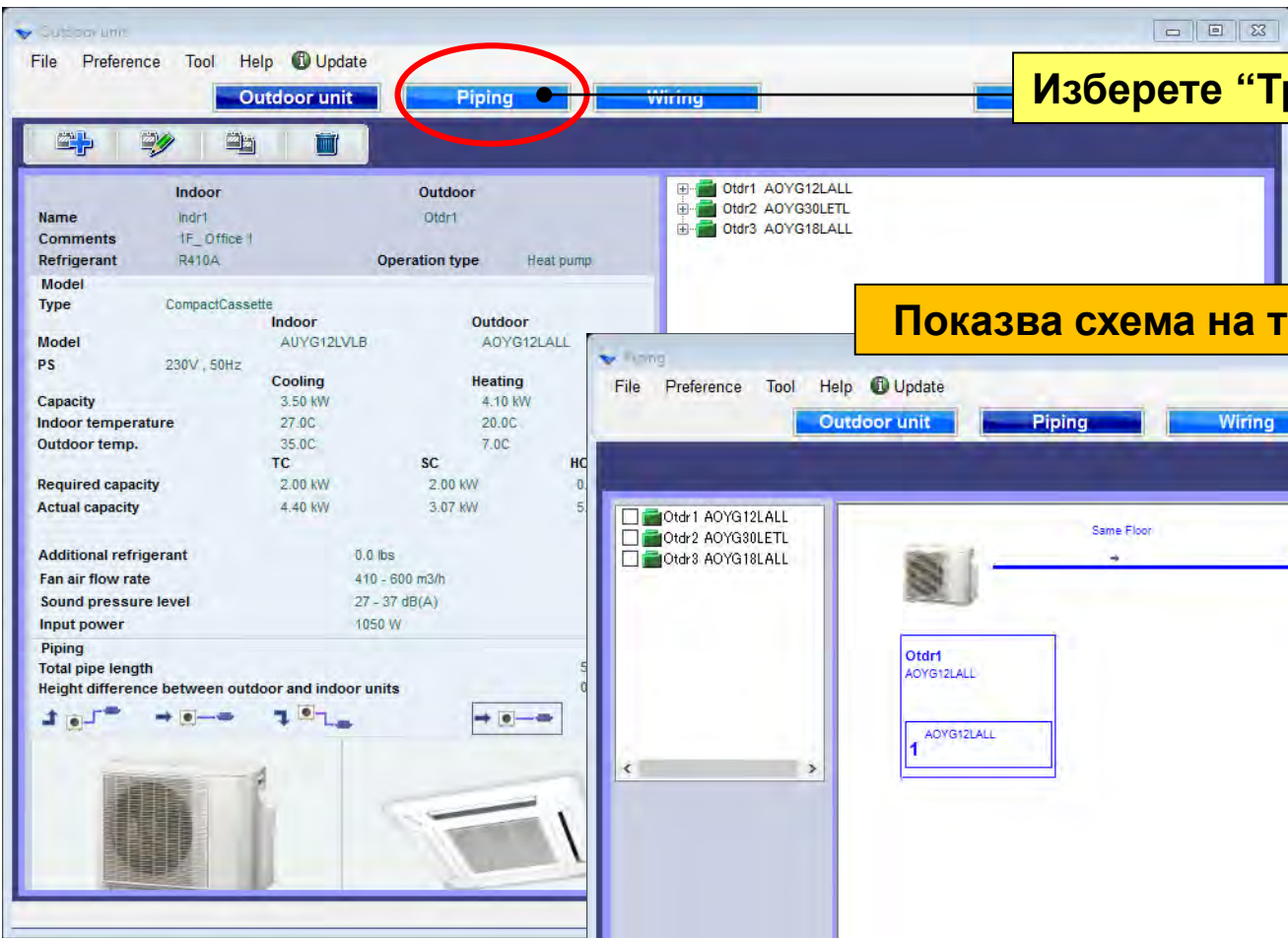
Izaberite sistem rashladnog fluida

Izabrani sistem rashladnog fluida ne može se uređivati na svakom ekranu

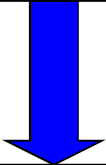


Тръбно трасе

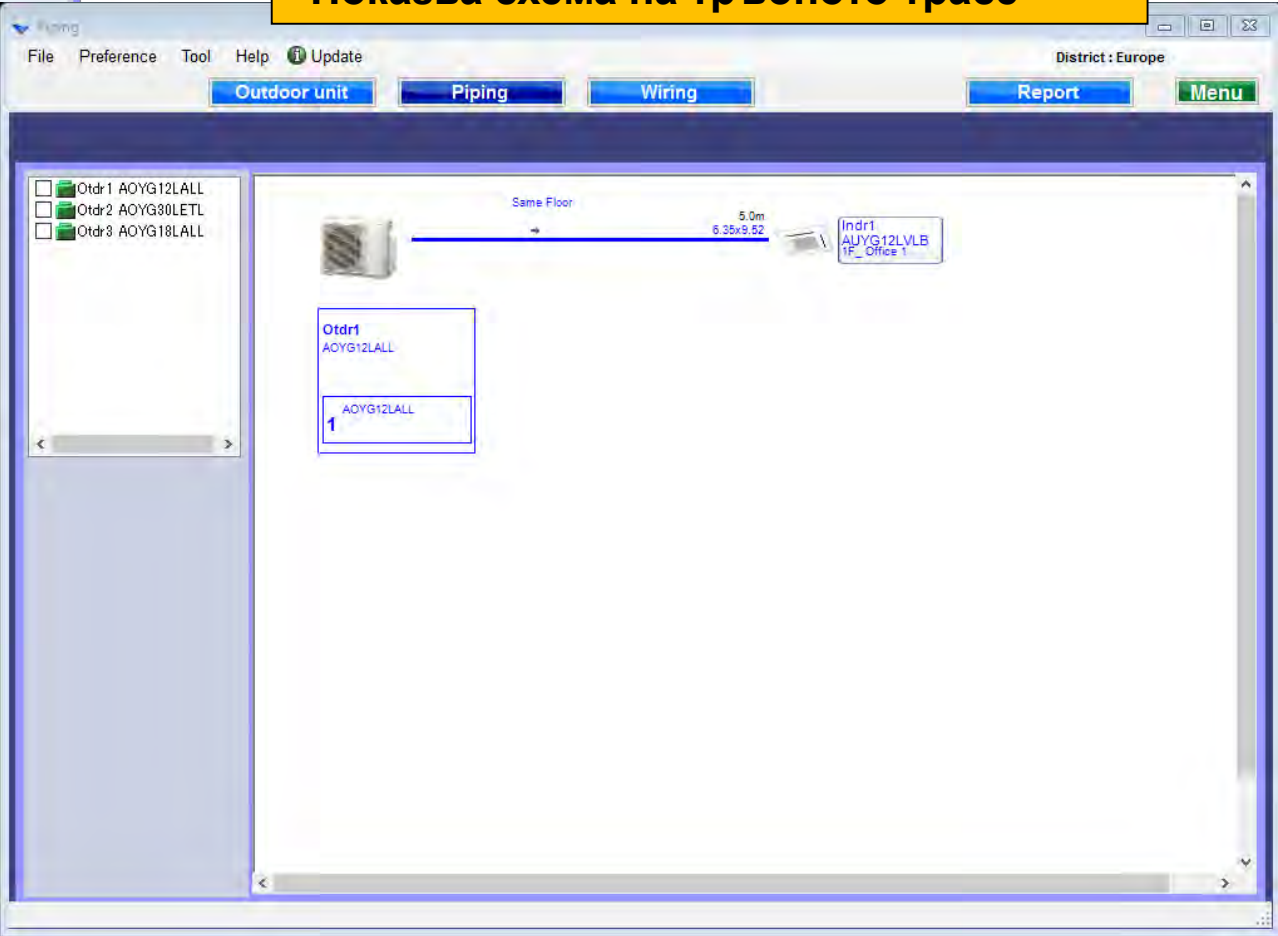
Design simulator



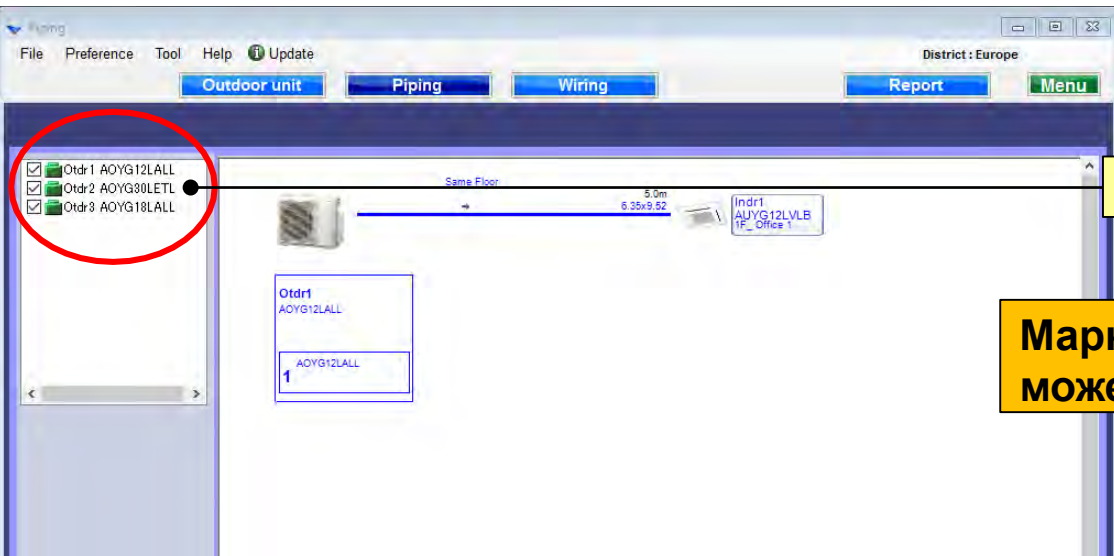
Изберете "Тръбно трасе"



Показва схема на тръбното трасе

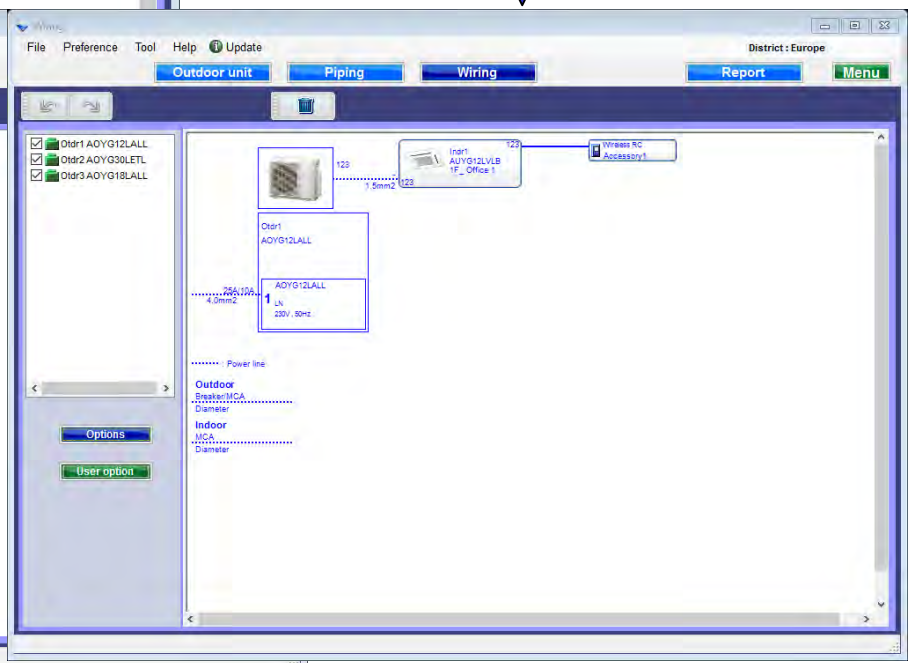
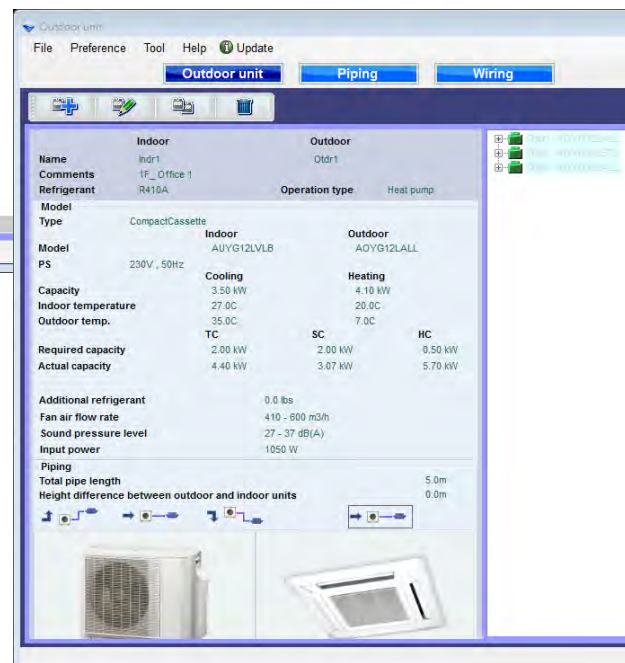


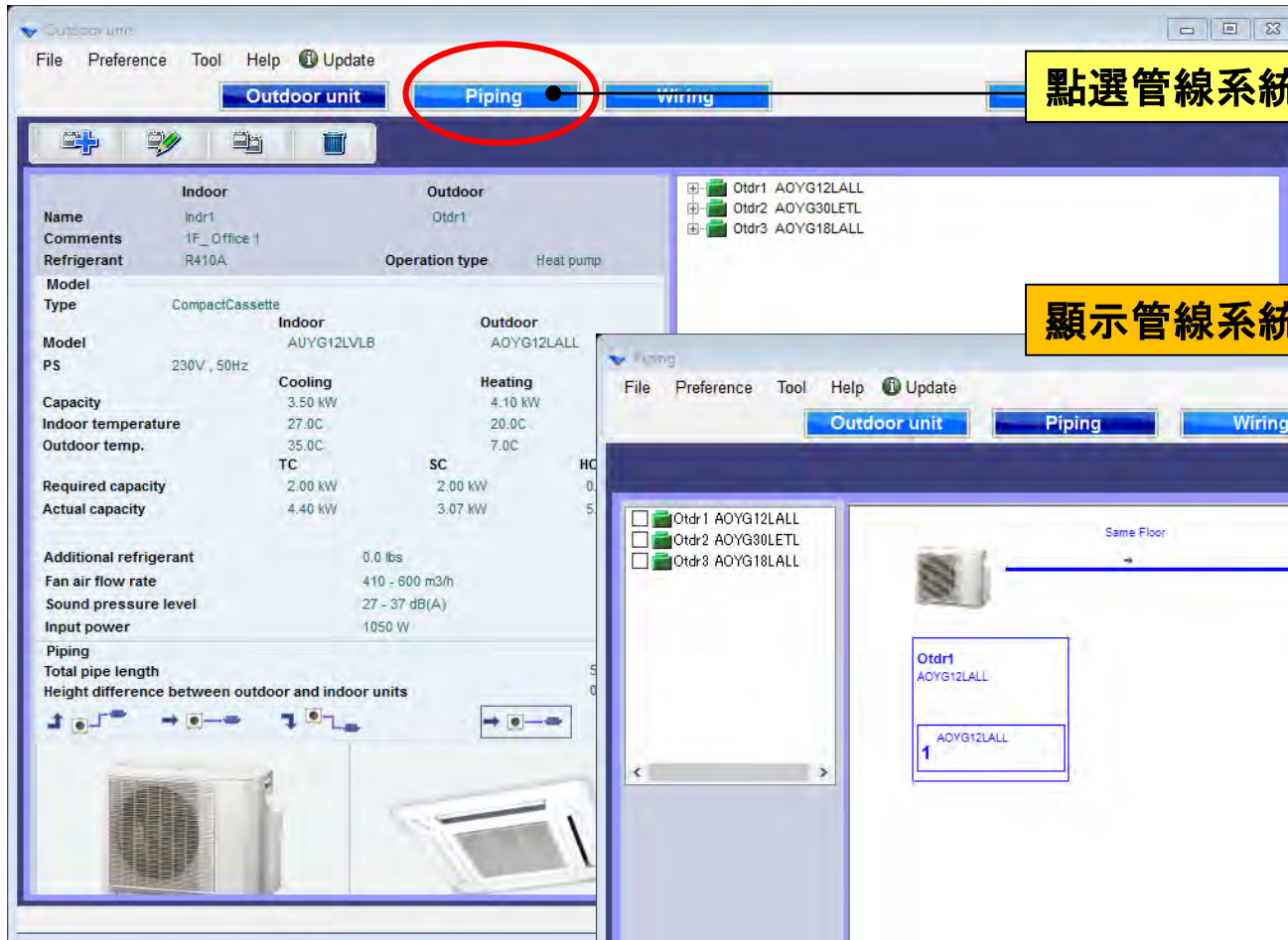
Изчисляване на хладилната система



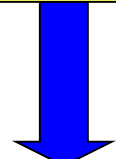
Маркирайте хладилната система

Маркирана хладилна система не може да се променя във всеки модул

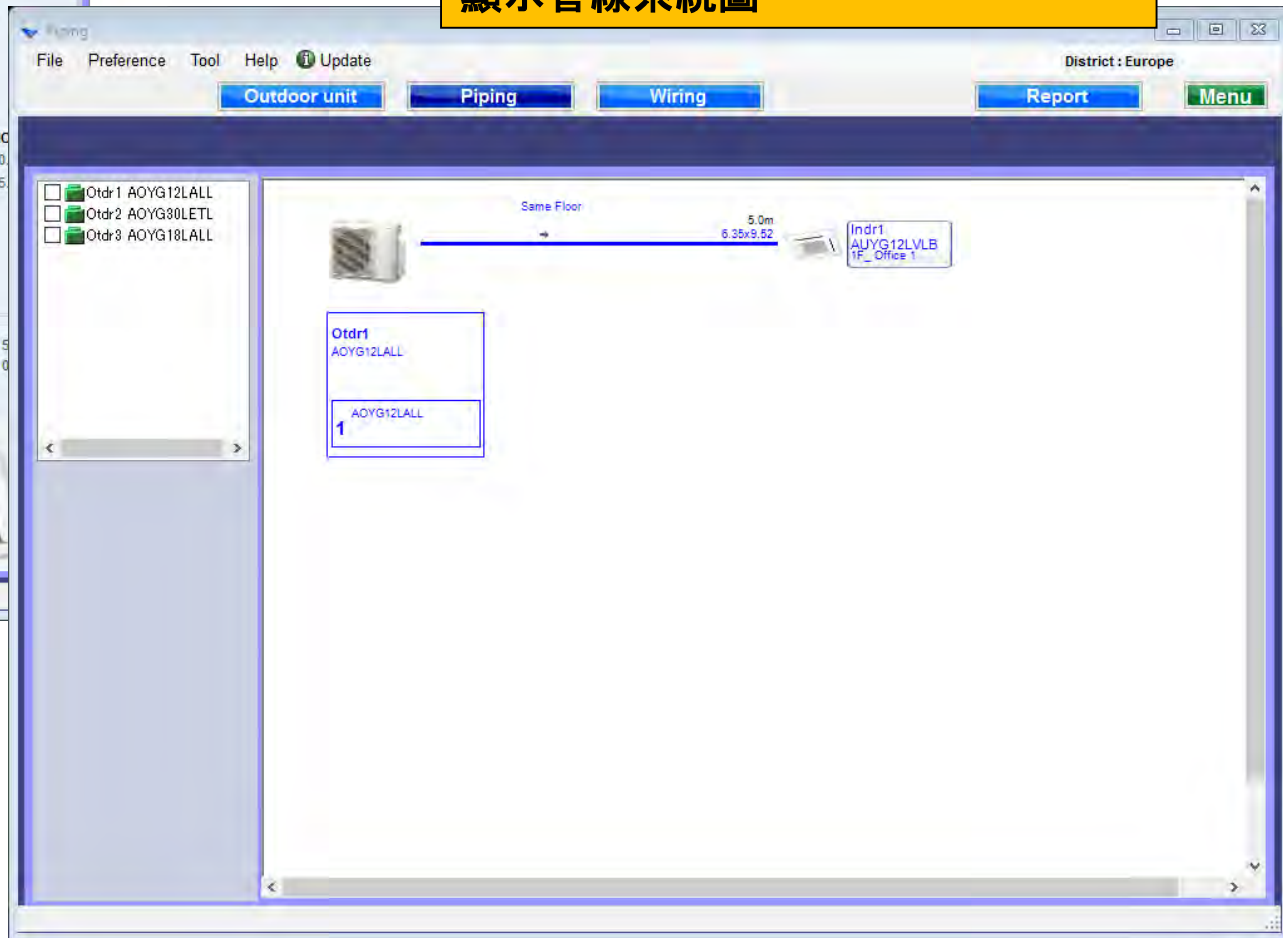




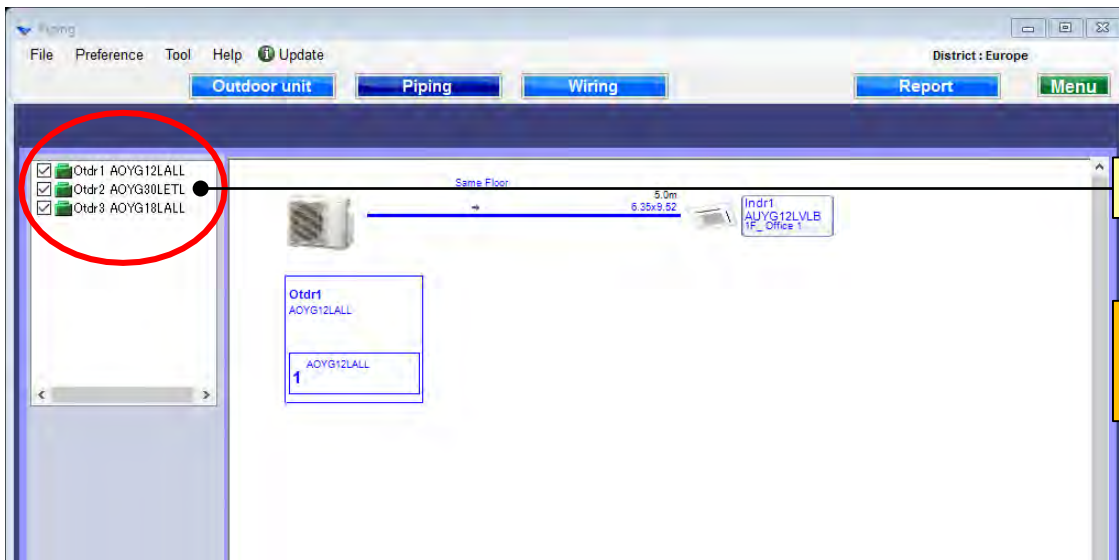
點選管線系統設定



顯示管線系統圖



冷媒系統判斷



點選冷媒系統

點選冷媒系統
在這個視窗不能被編輯

