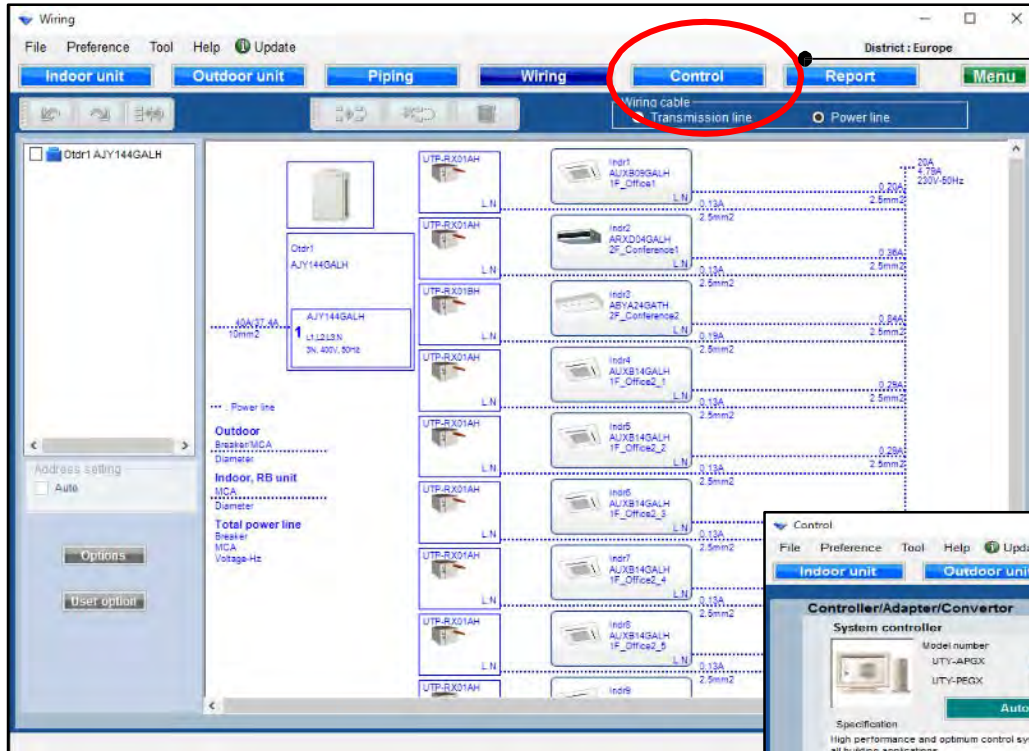
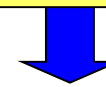


Centralized control settings

Design Simulator



Select "Control"



Change to centralized control initial screen



Control

File Preference Tool Help Update District : Europe

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Controller/Adapter/Converter

System controller	System controller	System controller Lite
 Model number UTY-APGX UTY-PEGX Auto	 Model number UTY-APGXZ1 0	 Model number UTY-ALGX UTY-PLGXA1 0
Specification High performance and optimum control system for all building applications A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard	Specification High performance and optimum control system for all building applications A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard	Specification High performance and optimum control system for all building applications A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard

System controller Lite	Touch panel controller	Touch panel controller(Internet access)
 Model number UTY-ALGXZ1 UTY-PLGXA2 UTY-PLGXR2 UTY-PLGXE2 Auto	 Model number UTY-DTGY 0 Auto	 Model number UTY-DTGYZ1 UTY-PTGXA 0 Auto
Specification This software has standard functions sufficient for air conditioner management in small and medium scale buildings and good costperformance. A wide variety of management software is available as an option to give customers a wide range of choices.	Specification Functionality in a compact housing with built-in schedule timer It allows operation and monitoring to be achieved from the central control room, at each floor, by each tenant, or in the plant room.	Specification Air conditioner can be monitored from LAN from PC. Electricity charge apportionment is possible easily for the power consumption of each air conditioning power conditioner (Option:UTY-PTGXA)

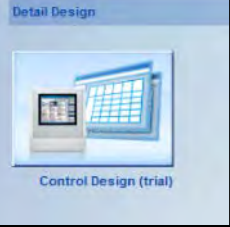
Central Remote Controller	Group remote controller	Network converter
 Model number UTY-DCGY 0 Auto	 Model number UTY-VGGXZ1 UTY-CGGY 0 Auto	 Model number UTY-VGGXZ1 0
Specification Operation status monitor displays for all indoor units. (Max. 100 units). Easy comprehensible display and operation button.	Specification Group control of indoor units with simple operation. Network converter (UTY-VGGXZ1) is required to connect group remote controller to a VRF system.	Specification This Network Converter is to be used for connecting single split system or Group Remote Controller with the VRF system.

Input amount of centralized controller

When "Auto" is selected, necessary minimum amount is calculated automatically.

Centralized control settings

Design Simulator



Controller

File Preference Help

District : Europe

VRF system Controller Etc Address Output Menu

Controller Name	Abbreviation	Model	Done	Caution	ALL
<input checked="" type="radio"/> System Controller	SC	UTY-APGX	1	0	1
<input type="radio"/> System Controller Z1	SCZ1	UTY-APGXZ1	0	0	0

Control

File Preference Tool Help Update

Indoor unit Outdoor unit Piping

Controller/Adapter/Convertor

System controller

Model number	UTY-APGX	<input type="text" value="1"/>
Model number	UTY-PEGX	<input type="text" value="1"/>

Auto

Specification

High performance and optimum control system for all building applications
A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard

System controller Lite

Model number	UTY-ALGX	<input type="text" value="0"/>
Model number	UTY-PLGXA1	<input type="text" value="0"/>
Model number	UTY-PLGXR1	<input type="text" value="0"/>
Model number	UTY-PLGXE1	<input type="text" value="0"/>

Auto

Specification

This software has standard functions sufficient for air conditioner management in small and medium scale buildings and good costperformance. A wide variety of management software is available as an option to give customers a wide range of choices.

Touch panel controller

Model number	UTY-DTGY	<input type="text" value="0"/>
--------------	----------	--------------------------------

Auto

Specification

Functionality in a compact housing with built-in schedule timer
It allows operation and monitoring to be achieved from the central control room, at each floor, by each tenant, or in the plant room.

Touch panel controller(Internet access)

Model number	UTY-DTGYZ1	<input type="text" value="0"/>
Model number	UTY-PTGXA	<input type="text" value="0"/>

Auto

Specification

Air conditioner can be monitored and controlled via LAN from PC.
Electricity charge apportionment can be performed easily for the power consumed when billing users for air conditioning power charges. (Option:UTY-PTGXA)

The number of units set at Control Design is set at the following red circle parts.

When the number of controllers is set at Control Design, it cannot be changed on this screen.

The screenshot shows the 'Control' software interface with the following sections:

- Indoor unit**
- Outdoor unit**
- Piping**
- Wiring**
- Control** (Active)
- Report**
- Menu**

Modbus® Convertor for VRF

Model number: UTY-VMGX **Auto**

Specification: VRF System can be integrated with the Building management system supported by Modbus.

KNX® Convertor for VRF

Model number: UTY-VKGX **Auto**

Specification: New KNX Convertor enables to connect central/home controller and FG VRF system. A maximum of 128 indoor units and 100 outdoor units can be connected to single KNX Convertor.

BACnet® Gateway (Hardware)

Model number: UTY-VBGX **Auto**

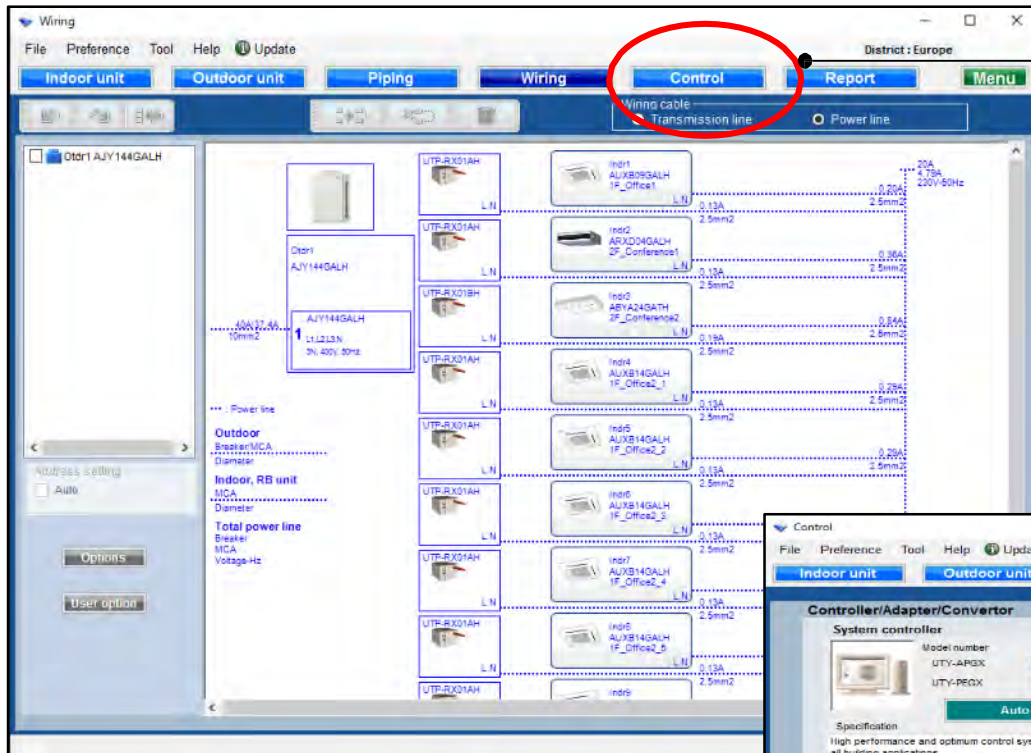
Specification: BACnet® Gateway enables to connect a BMS and FG VRF system. A maximum of 128 indoor units and 32 refrigerant system can be connected to a single BACnet® Gateway. Compatible with BACnet® (ANSI / ASHRAE-135-2010).

Group remote controller

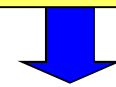
Model number: UTY-VGGXZ1
UTY-CGGGU **Auto**

Specification: For UAE market only (ESMA regulation) Group control of indoor units with simple operation. Network convertor (UTY-VGGXZ1) is required to connect group remote controller to a VRF system.

Callout Box: The number of unreleased controllers cannot be set. *Only when the area is set by Preference -> Brand setting



Naciśnij „Sterowanie”



Widok przełączy się na ekran początkowy centralnego sterowania



Control

File Preference Tool Help Update District : Europe

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Controller/Adapter/Converter

System controller

Model number
UTY-APGX
UTY-PEGX

Auto

Specification
High performance and optimum control system for all building applications
A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard

System controller

Model number
UTY-APGXZ1

Specification
High performance and optimum control system for all building applications
A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard

System controller Lite

Model number
UTY-ALGX
UTY-PLGXA1

Specification
High performance and optimum control system for all building applications
A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard

System controller Lite

Model number
UTY-ALGXZ1
UTY-PLGXA2
UTY-PLGXR2
UTY-PLGXE2

Specification
This software has standard functions sufficient for air conditioner management in small and medium scale buildings and good costperformance. A wide variety of management software is available as an option to give customers a wide range of choices.

Touch panel controller

Model number
UTY-DTGY

Auto

Specification
Functionality in a compact housing with built-in schedule timer
It allows operation and monitoring to be achieved from the central control room, at each floor, by each tenant, or in the plant room.

Touch panel controller(Internet access)

Model number
UTY-DTGYZ1
UTY-PTGXA

Auto

Specification
Air conditioner can be monitored and controlled via LAN from PC.
Electricity charge apportionment is possible easily for the power consumer.
Option:UTY-PTGXA

Central Remote Controller

Model number
UTY-DCGY

Auto

Specification
Operation status monitor displays for all indoor units. (Max. 100 units).
Easy comprehensible display and operation button.

Group remote controller

Model number
UTY-VGGXZ1
UTY-CGGY

Auto

Specification
Group control of indoor units with simple operation.
Network converter (UTY-VGGXZ1) is required to connect group remote controller to a VRF system.

Network converter

Model number
UTY-VGGXZ1

Specification
This Network Converter is to be used for connecting single split system or Group Remote Controller with the VRF system.

Wprowadź ilość sterowników centralnych

Po naciśnięciu przycisku „Auto”, minimalna niezbędna ilość sterowników zostanie obliczona automatycznie.

Detail Design



Control Design (trial)



Controller Name	Abbreviation	Model	Done	Caution	ALL
<input checked="" type="radio"/> System Controller	SC	UTY-APGX	1	0	1
<input type="radio"/> System Controller Z1	SCZ1	UTY-APGXZ1	0	0	0

Controller/Adapter/Convertor

System controller

Model number	UTY-APGX	<input type="text" value="1"/>
Model number	UTY-PEGX	<input type="text" value="1"/>

System controller Lite

Model number	UTY-APGXZ1	<input type="text" value="0"/>
Model number	UTY-PEGXZ1	<input type="text" value="0"/>

System controller

Model number	UTY-ALGX	<input type="text" value="0"/>
Model number	UTY-PLGXA1	<input type="text" value="0"/>
Model number	UTY-PLGXR1	<input type="text" value="0"/>
Model number	UTY-PLGXE1	<input type="text" value="0"/>

System controller Lite

Model number	UTY-APGXZ1	<input type="text" value="0"/>
Model number	UTY-PEGXZ1	<input type="text" value="0"/>

Touch panel controller

Model number	UTY-DTGY	<input type="text" value="0"/>
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Touch panel controller(Internet access)

Model number	UTY-DTGYZ1	<input type="text" value="0"/>
Model number	UTY-PTGXA	<input type="text" value="0"/>

Ilość urządzeń ustawiona w projekcie systemu sterowania zaznaczono czerwonym okręgiem.

Jeżeli ilość sterowników ustawiono w projekcie systemu sterowania, nie będzie można jej zmienić na tym ekranie.

Control

File Preference Tool Help Update

District: Middle East

Indoor unit Outdoor unit Piping Wiring Control Report Menu

The converter for connecting VRF network system to the BMS system built by BACnet® open network, for large sized BMS and VRF network system.
A maximum of four VRF systems (1600 Indoor unit / outdoor unit 400) can be connected to one BACnet® Gateway.

network systems.
Trouble free operation at all times by web monitoring system.
The operation status of the VRF network system within the building can be monitored in real time over the Internet.

network converters offer total solutions for multiple air-conditioning systems control.
UTY-VTGX(DC power supply type)
UTY-VTGXV(AC power supply type)

Modbus® Converter for VRF

Model number
UTY-VMGX

Auto

Specification
VRF System can be integrated with the Building management system supported by Modbus.

KNX® Converter for VRF

Model number
UTY-VKGX

Auto

Specification
New KNX Converter enables to connect central/home controller and FG VRF system.
A maximum of 128 indoor units and 100 outdoor units can be connected to single KNX Converter.

BACnet® Gateway (Hardware)

Model number
UTY-VBGX

Auto

Specification
BACnet® Gateway enables to connect a BMS and FG VRF system.
A maximum of 128 indoor units and 32 refrigerant system can be connected to a single BACnet® Gateway.
Compatible with BACnet® (ANSI / ASHRAE-135-2010, BACnet® (ANSI / ASHRAE-135-2010))

Group remote controller

Model number
UTY-VGGXZ1
UTY-CGGGU

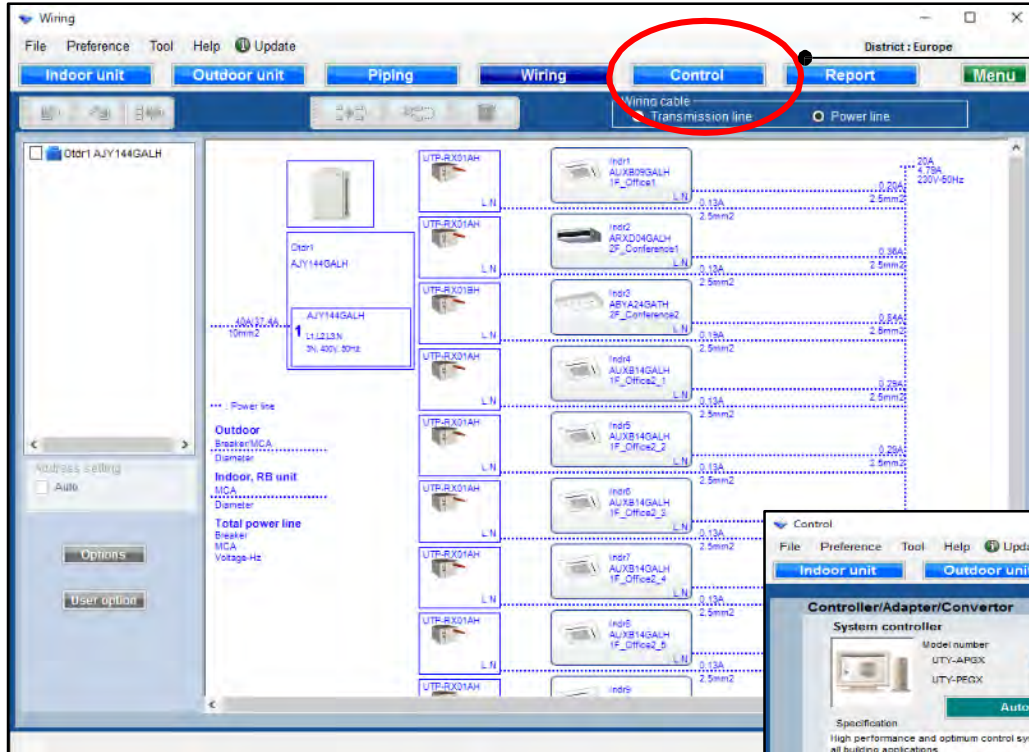
Auto

Specification
For UAE market only (ESMA regulation)
Group control of indoor units with simple operation.
Network converter (UTY-VGGXZ1) is required to connect group remote controller to a VRF system.

**Nie można ustawić ilości nieobsługiwanych sterowników.
*Z wyjątkiem ustawienia regionu na ekranie Preferencji -> Wybór marki**

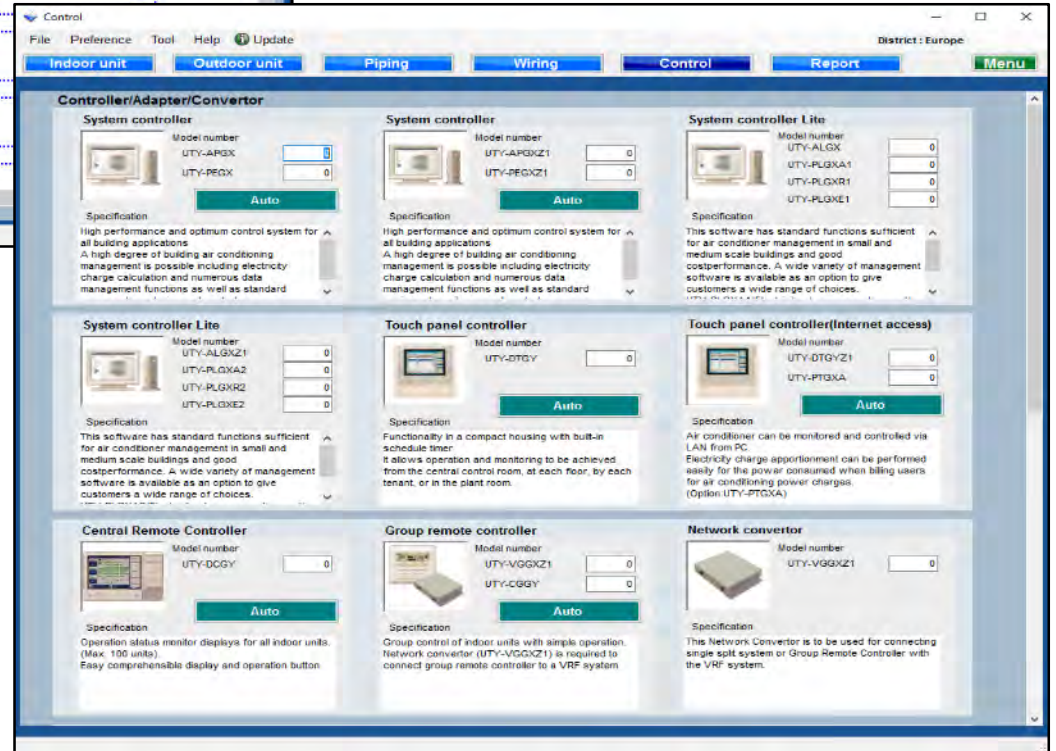
Merkezi kontrol ayarları

Dizayn Simülatör



“Kontrol” seç

Merkezi kontrol başlangıç ekranına değiştirme



Control

File Preference Tool Help Update District : Europe

Indoor unit Outdoor unit Piping Wiring Control Report Menu

Controller/Adapter/Converter

System controller

Model number
UTY-APGX
UTY-PEGX

Auto

Specification
High performance and optimum control system for all building applications
A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard

System controller

Model number
UTY-APGXZ1

Specification
High performance and optimum control system for all building applications
A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard

System controller Lite

Model number
UTY-ALGX
UTY-PLGXA1

Specification
High performance and optimum control system for all building applications
A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard

System controller Lite

Model number
UTY-ALGXZ1
UTY-PLGXA2
UTY-PLGXR2
UTY-PLGXE2

Specification
This software has standard functions sufficient for air conditioner management in small and medium scale buildings and good costperformance. A wide variety of management software is available as an option to give customers a wide range of choices.

Touch panel controller

Model number
UTY-DTGY

Auto

Specification
Functionality in a compact housing with built-in schedule timer
It allows operation and monitoring to be achieved from the central control room, at each floor, by each tenant, or in the plant room.

Touch panel controller(Internet access)

Model number
UTY-DTGYZ1
UTY-PTGXA

Auto

Specification
Air conditioner can be monitored and controlled via LAN from PC.
Electricity charge apportionment is possible easily for the power consumption of each air conditioning power unit.
(Option:UTY-PTGXA)

Central Remote Controller

Model number
UTY-DCGY

Auto

Specification
Operation status monitor displays for all indoor units. (Max. 100 units).
Easy comprehensible display and operation button.

Group remote controller

Model number
UTY-VGGXZ1
UTY-CGGY

Auto

Specification
Group control of indoor units with simple operation. Network converter (UTY-VGGXZ1) is required to connect group remote controller to a VRF system.

Network converter

Model number
UTY-VGGXZ1

Specification
This Network Converter is to be used for connecting single split system or Group Remote Controller with the VRF system.

Merkezi kontrolörün giriş miktarı

"Otomatik" seçildiğinde, gerekli minimum tutar otomatik olarak hesaplanır.



Controller

File Preference Help

District : Europe

VRF system Controller Etc Address Output Menu

Controller Name	Abbreviation	Model	Done	Caution	ALL
<input checked="" type="radio"/> System Controller	SC	UTY-APGX	1	0	1
<input type="radio"/> System Controller Z1	SCZ1	UTY-APGXZ1	0	0	0

Control

File Preference Tool Help Update

Indoor unit Outdoor unit Piping

Controller/Adapter/Convertor

System controller

Model number

UTY-APGX 1

UTY-PEGX 1

Auto

Specification

High performance and optimum control system for all building applications

A high degree of building air conditioning management is possible including electricity charge calculation and numerous data management functions as well as standard

System controller Lite

Model number

UTY-DTGY 0

UTY-PTGXA 0

Auto

Specification

Functionality in a compact housing with built-in schedule timer

It allows operation and monitoring to be achieved from the central control room, at each floor, by each tenant, or in the plant room.

Touch panel controller

Model number

UTY-DTGYZ1 0

UTY-PTGXA 0

Auto

Specification

Air conditioner can be monitored and controlled via LAN from PC.

Electricity charge apportionment can be performed easily for the power consumed when billing users for air conditioning power charges. (Option:UTY-PTGXA)

System controller

Model number

UTY-ALGX 0

UTY-PLGXA1 0

UTY-PLGXR1 0

UTY-PLGXE1 0

Auto

Specification

This software has standard functions sufficient for air conditioner management in small and medium scale buildings and good costperformance. A wide variety of management software is available as an option to give customers a wide range of choices.

Kontrol tasarımında belirlenen birim sayısı aşağıdaki kırmızı Daire parçalarında ayarlanır.

Denetleyicilerin sayısı kontrol tasarımında ayarlandığında, bu ekranda değiştirilemez.

Control

File Preference Tool Help Update

District : Middle East

Indoor unit Outdoor unit Piping Wiring Control Report Menu

The converter for connecting VRF network system to the BMS system built by BACnet® open network, for large sized BMS and VRF network system.
A maximum of four VRF systems (1600 Indoor unit / outdoor unit 400) can be connected to one BACnet® Gateway.

network systems.
Trouble free operation at all times by web monitoring system.
The operation status of the VRF network system within the building can be monitored in real time over the Internet.

network converters offer total solutions for multiple air-conditioning systems control.
UTY-VTGX(DC power supply type)
UTY-VTGXV(AC power supply type)

Modbus® Convertor for VRF

Model number
UTY-VMGX

Auto

Specification
VRF System can be integrated with the Building management system supported by Modbus.

KNX® Convertor for VRF

Model number
UTY-VKGX

Auto

Specification
New KNX Convertor enables to connect central/home controller and FG VRF system.
A maximum of 128 indoor units and 100 outdoor units can be connected to single KNX Convertor.

BACnet® Gateway (Hardware)

Model number
UTY-VBGX

Auto

Specification
BACnet® Gateway enables to connect a BMS and FG VRF system.
A maximum of 128 indoor units and 32 refrigerant system can be connected to a single BACnet® Gateway.
Compatible with BACnet® (ANSI / ASHRAE-135-2000, BACnet® (ANSI / ASHRAE-135-2000))

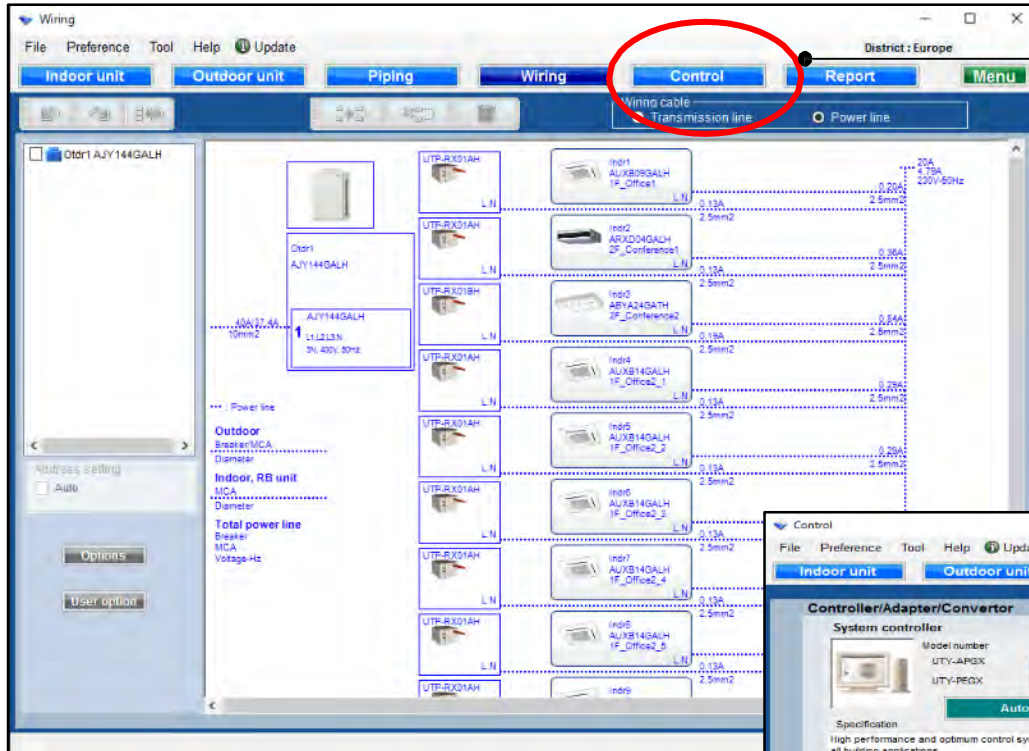
Group remote controller

Model number
UTY-VGGXZ1
UTY-CGGGU

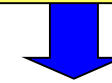
Auto

Specification
For UAE market only (ESMA regulation)
Group control of indoor units with simple operation.
Network convertor (UTY-VGGXZ1) is required to connect group remote controller to a VRF system.

Yayınlanmamış denetleyicilerin sayısı ayarlanamaz.
*** Sadece alan Tercihe göre ayarlandığında - > marka ayarı**



Izaberite "Kontrola"



Izaberite početni ekran za centralnu kontrolu



The screenshot shows the 'Control' software interface with a menu bar (File, Preference, Tool, Help, Update) and a sub-menu (Indoor unit, Outdoor unit, Piping, Wiring, Control, Report, Menu). The main area is titled 'Controller/Adapter/Converter' and contains several product cards:

- System controller**: Model number UTY-APGX (quantity 1, circled in red) and UTY-PEGX (quantity 0). An 'Auto' button is present.
- System controller**: Model number UTY-APGXZ1 (quantity 0).
- System controller Lite**: Model number UTY-ALGX (quantity 0) and UTY-PLGXA1 (quantity 0).
- System controller Lite**: Model number UTY-ALGXZ1 (quantity 0), UTY-PLGXA2 (quantity 0), UTY-PLGXR2 (quantity 0), and UTY-PLGXE2 (quantity 0).
- Touch panel controller**: Model number UTY-DTGY (quantity 0). An 'Auto' button is circled in red.
- Touch panel controller(Internet access)**: Model number UTY-DTGYZ1 (quantity 0) and UTY-PTGXA (quantity 0). An 'Auto' button is present.
- Central Remote Controller**: Model number UTY-DCGY (quantity 0). An 'Auto' button is present.
- Group remote controller**: Model number UTY-VGGXZ1 (quantity 0) and UTY-CGGY (quantity 0). An 'Auto' button is present.
- Network converter**: Model number UTY-VGGXZ1 (quantity 0).

Unesite količinu centralnog kontrolera

Kada je izabrarano "Auto" automatski se izračunava neophodna minimalna količina

Detail Design



Control Design (trial)



Controller Name	Abbreviation	Model	Done	Caution	ALL
<input checked="" type="radio"/> System Controller	SC	UTY-APGX	1	0	1
<input type="radio"/> System Controller Z1	SCZ1	UTY-APGXZ1	0	0	0

Controller/Adapter/Convertor

System controller

Model number	UTY-APGX	<input type="text" value="1"/>
Model number	UTY-PEGX	<input type="text" value="1"/>

System controller Lite

Model number	UTY-ALGX	<input type="text" value="0"/>
Model number	UTY-PLGXA1	<input type="text" value="0"/>
Model number	UTY-PLGXR1	<input type="text" value="0"/>
Model number	UTY-PLGXE1	<input type="text" value="0"/>

Touch panel controller

Model number	UTY-DTGY	<input type="text" value="0"/>
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Touch panel controller(Internet access)

Model number	UTY-DTGYZ1	<input type="text" value="0"/>
Model number	UTY-PTGXA	<input type="text" value="0"/>

Broj jedinica podešenih na kontrolnom dizajnu prikazan je u zaokruženim crvenim poljima

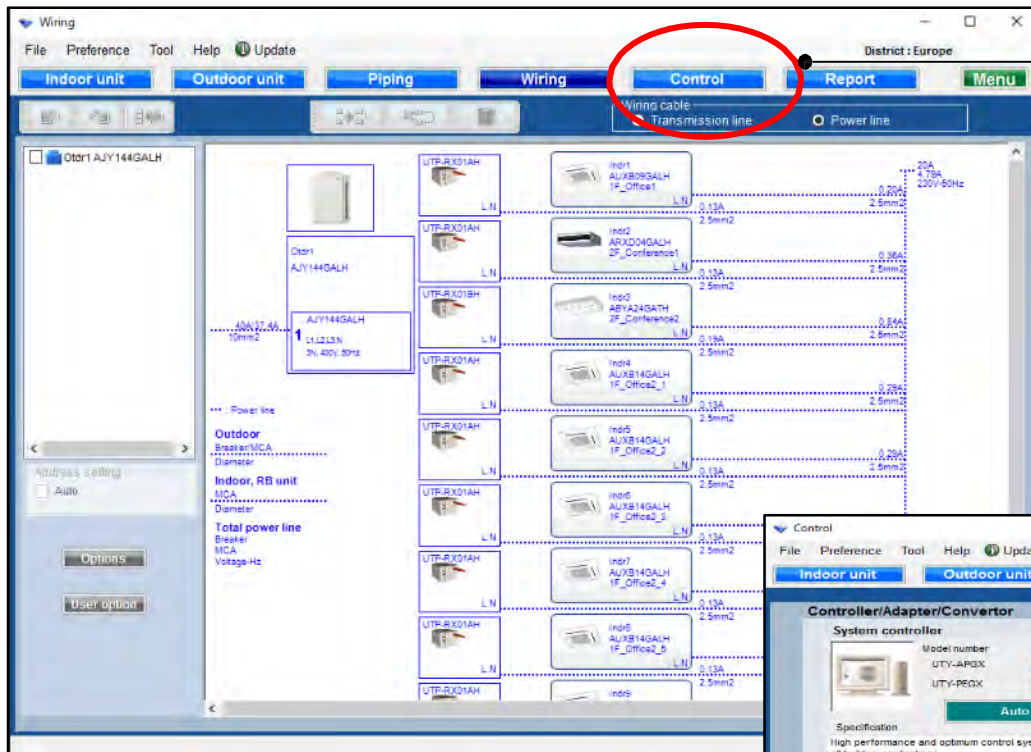
Kada je broj kontrolera podešen na kontrolni dizajn on se ne može promeniti na ovom ekranu

The screenshot shows the 'Control' software interface with the following components:

- Menu Bar:** File, Preference, Tool, Help, Update (with an information icon).
- Location:** District: Middle East
- Navigation Tabs:** Indoor unit, Outdoor unit, Piping, Wiring, **Control** (selected), Report, Menu.
- Modbus® Convertor for VRF:** Model number UTY-VMGX, value 1, Auto button. Specification: VRF System can be integrated with the Building management system supported by Modbus.
- KNX® Convertor for VRF:** Model number UTY-VKGX, value 1, Auto button. Specification: New KNX Convertor enables to connect central/home controller and FG VRF system. A maximum of 128 indoor units and 100 outdoor units can be connected to single KNX Convertor.
- BACnet® Gateway (Hardware):** Model number UTY-VBGX, value 1, Auto button. Specification: BACnet® Gateway enables to connect a BMS and FG VRF system. A maximum of 128 indoor units and 32 refrigerant system can be connected to a single BACnet® Gateway. Compatible with BACnet® (ANSI / ASHRAE-135-2010).
- Group remote controller (highlighted):** Model number UTY-VGGXZ1 (value 0) and UTY-CGGGU (value 0), Auto button. Specification: For UAE market only (ESMA regulation) Group control of indoor units with simple operation. Network convertor (UTY-VGGXZ1) is required to connect group remote controller to a VRF system.

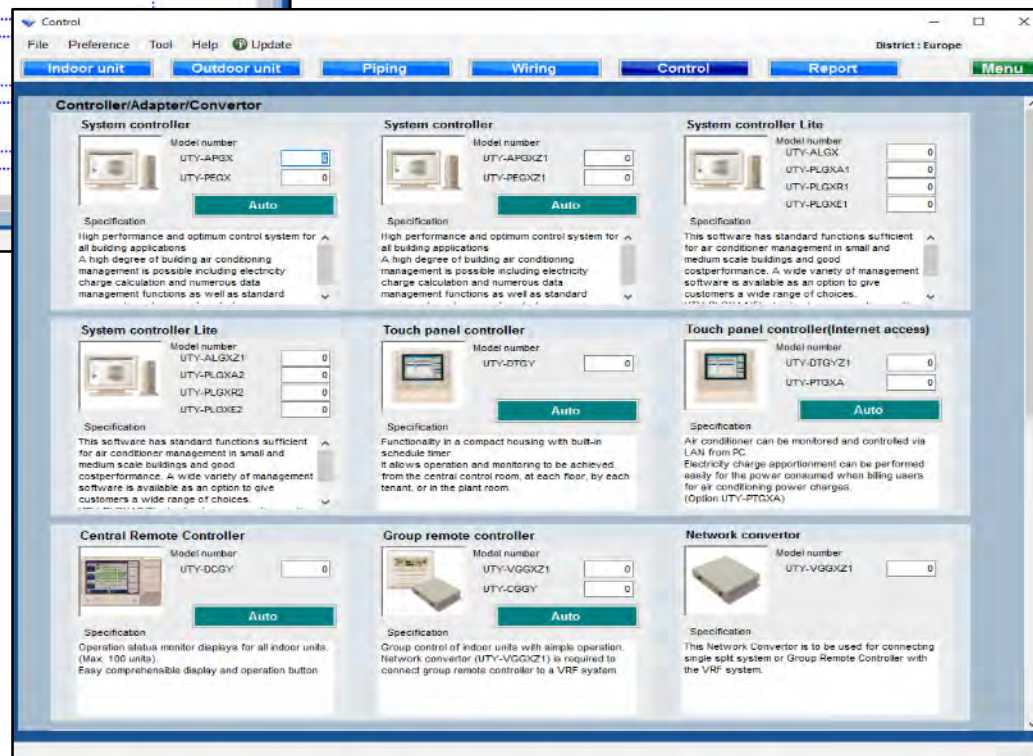
Централно управление

Design simulator



изберете "Управление"

Променя към началния екран на централните управления



The screenshot shows the 'Control' software interface with the following components:

- Menu:** Indoor unit, Outdoor unit, Piping, Wiring, Control, Report, Menu.
- Controller/Adapter/Converter Section:**
 - System controller:** Model number UTY-APGX (circled in red), UTY-PEGX (0). Specification: High performance and optimum control system for all building applications.
 - System controller:** Model number UTY-APGXZ1 (0). Specification: High performance and optimum control system for all building applications.
 - System controller Lite:** Model number UTY-ALGX (0), UTY-PLGXA1 (0). Specification: High performance and optimum control system for all building applications.
 - System controller Lite:** Model number UTY-ALGXZ1 (0), UTY-PLGXA2 (0), UTY-PLGXR2 (0), UTY-PLGXE2 (0). Specification: This software has standard functions sufficient for air conditioner management in small and medium scale buildings and good costperformance.
 - Touch panel controller:** Model number UTY-DTGY (0). Specification: Functionality in a compact housing with built-in schedule timer.
 - Touch panel controller(Internet access):** Model number UTY-DTGYZ1 (0), UTY-PTGXA (0). Specification: Air conditioner can be monitored via LAN from PC.
 - Central Remote Controller:** Model number UTY-DCGY (0). Specification: Operation status monitor displays for all indoor units.
 - Group remote controller:** Model number UTY-VGGXZ1 (0), UTY-CGGY (0). Specification: Group control of indoor units with simple operation.
 - Network converter:** Model number UTY-VGGXZ1 (0). Specification: This Network Converter is to be used for connecting single split system or Group Remote Controller with the VRF system.

Annotation 1: Изберете броя централни управления (Select the number of central controls) - points to the red circle around the UTY-APGX model number.

Annotation 2: Когато е избран "Авто", се изчислява автоматично необходимия минимален брой. (When "Auto" is selected, the minimum required number is automatically calculated) - points to the red box around the "Auto" button of the Touch panel controller.

Detail Design



Control Design (trial)



Controller Name	Abbreviation	Model	Done	Caution	ALL
<input checked="" type="radio"/> System Controller	SC	UTY-APGX	1	0	1
<input type="radio"/> System Controller Z1	SCZ1	UTY-APGXZ1	0	0	0

Controller/Adapter/Convertor

System controller

Model number	UTY-APGX	1
Model number	UTY-PEGX	1

System controller

Model number	UTY-APGXZ1	0
Model number	UTY-PEGXZ1	0

System controller Lite

Model number	UTY-ALGX	0
Model number	UTY-PLGXA1	0
Model number	UTY-PLGXR1	0
Model number	UTY-PLGXE1	0

System controller Lite

Model number	UTY-DTGY	0
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Touch panel controller

Model number	UTY-DTGY	0
--------------	----------	---

Touch panel controller(Internet access)

Model number	UTY-DTGYZ1	0
Model number	UTY-PTGXA	0

Зададеният в модул "Управления" брой тела е показан в червените кръгове.

Когато броят управления е зададен в модул "Управления", тук не може да се промени.

Control

File Preference Tool Help Update

District : Middle East

Indoor unit Outdoor unit Piping Wiring Control Report Menu

The converter for connecting VRF network system to the BMS system built by BACnet® open network, for large sized BMS and VRF network system.
A maximum of four VRF systems (1600 Indoor unit / outdoor unit 400) can be connected to one BACnet® Gateway.

network systems.
Trouble free operation at all times by web monitoring system.
The operation status of the VRF network system within the building can be monitored in real time over the Internet.

network converters offer total solutions for multiple air-conditioning systems control.
UTY-VTGX(DC power supply type)
UTY-VTGXV(AC power supply type)

Modbus® Converter for VRF

Model number
UTY-VMGX

Auto

Specification
VRF System can be integrated with the Building management system supported by Modbus.

KNX® Converter for VRF

Model number
UTY-VKGX

Auto

Specification
New KNX Converter enables to connect central/home controller and FG VRF system.
A maximum of 128 indoor units and 100 outdoor units can be connected to single KNX Converter.

BACnet® Gateway (Hardware)

Model number
UTY-VBGX

Auto

Specification
BACnet® Gateway enables to connect a BMS and FG VRF system.
A maximum of 128 indoor units and 32 refrigerant system can be connected to a single BACnet® Gateway.
Compatible with BACnet® (ANSI / ASHRAE-135-2000) and BACnet® (ISO 15926-4:2002).

Group remote controller

Model number
UTY-VGGXZ1
UTY-CGGGU

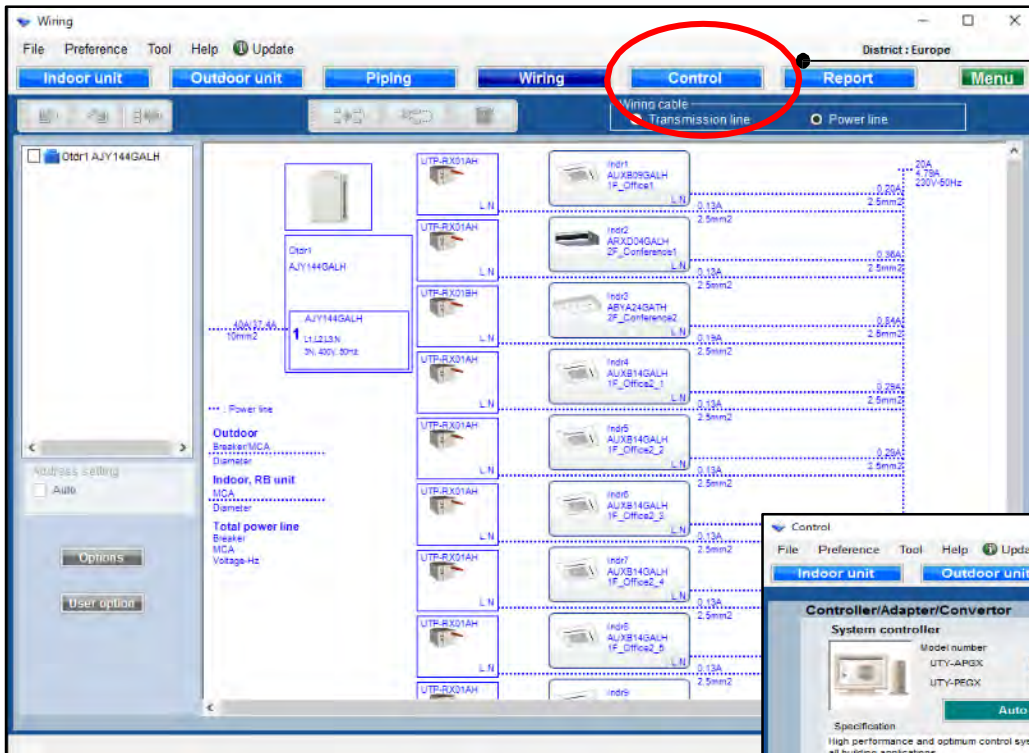
Auto

Specification
For UAE market only (ESMA regulation)
Group control of indoor units with simple operation.
Network converter (UTY-VGGXZ1) is required to connect group remote controller to a VRF system.

**Броят на новите контролери не може да се зададе.
*Само когато районът е настроен от Предпочитания -> Марка**

群控設置

選機軟體



選擇“控制”

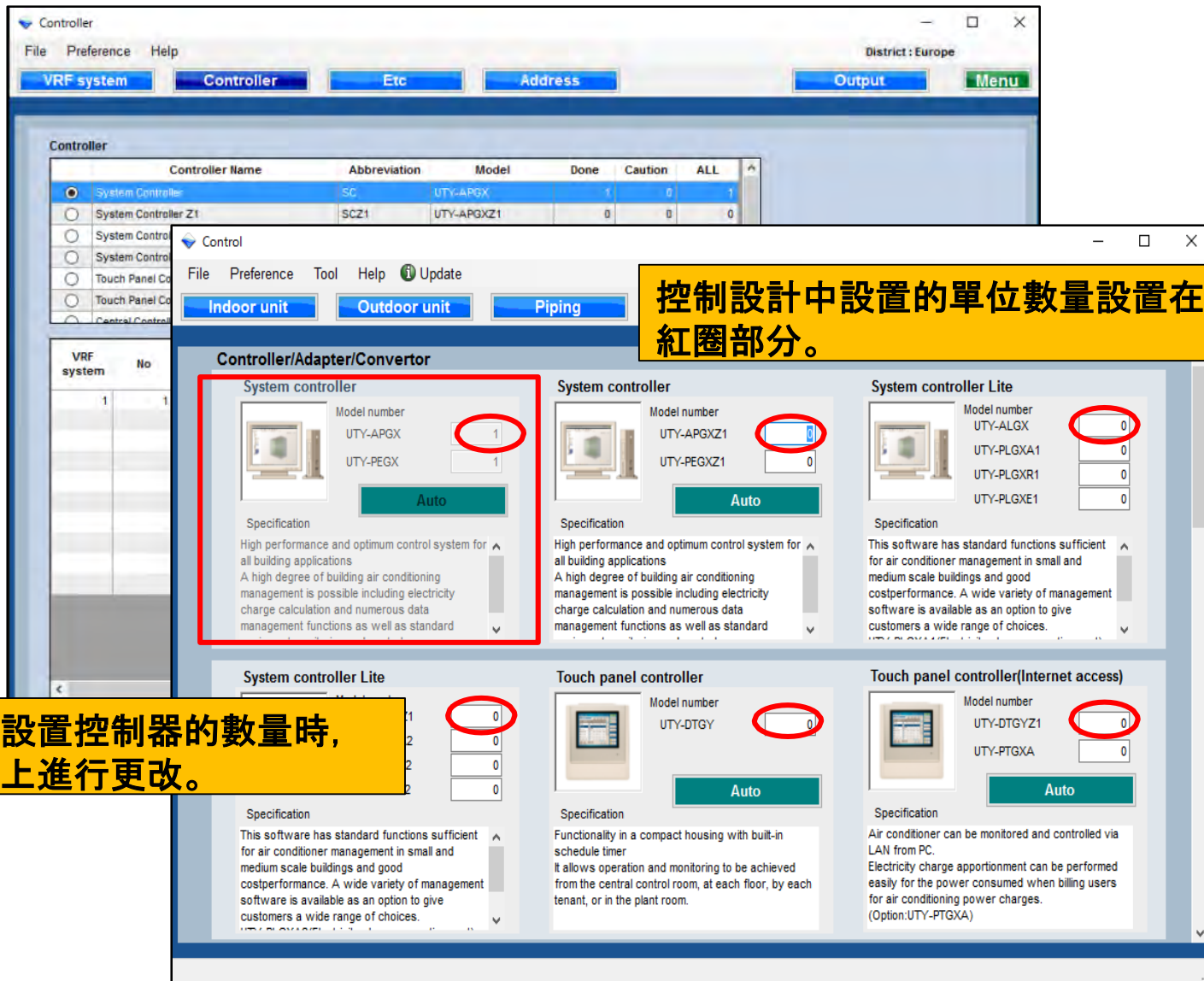
更改為群控制初視窗





群控制器的輸入量

當選擇“自動”時，自動計算所需的最小量。



Controller Name	Abbreviation	Model	Done	Caution	ALL
<input checked="" type="radio"/> System Controller	SC	UTY-APGX	1	0	1
<input type="radio"/> System Controller Z1	SCZ1	UTY-APGXZ1	0	0	0

Control

Indoor unit Outdoor unit Piping

Controller/Adapter/Convertor

System controller

Model number	UTY-APGX	1
Model number	UTY-PEGX	1

System controller

Model number	UTY-APGXZ1	0
Model number	UTY-PEGXZ1	0

System controller Lite

Model number	UTY-ALGX	0
Model number	UTY-PLGXA1	0
Model number	UTY-PLGXR1	0
Model number	UTY-PLGXE1	0

System controller Lite

Model number	UTY-DTGY	0
Model number	UTY-DTGYZ1	0
Model number	UTY-PTGXA	0

Touch panel controller

Model number	UTY-DTGY	0
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Touch panel controller(Internet access)

Model number	UTY-DTGYZ1	0
Model number	UTY-PTGXA	0

控制設計中設置的單位數量設置在以下紅圈部分。

在控制設計中設置控制器的數量時，不能在該畫面上進行更改。

Control

File Preference Tool Help Update

District: Middle East

Indoor unit Outdoor unit Piping Wiring Control Report Menu

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network systems.
Trouble free operation at all times by web monitoring system.
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network converters offer total solutions for multiple air-conditioning systems control.
UTY-VTGX(DC power supply type)
UTY-VTGXV(AC power supply type)

Modbus® Converter for VRF

Model number
UTY-VMGX

Auto

Specification
VRF System can be integrated with the Building management system supported by Modbus.

KNX® Converter for VRF

Model number
UTY-VKGX

Auto

Specification
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Auto

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A maximum of 128 indoor units and 32 refrigerant system can be connected to a single BACnet® Gateway.
Compatible with BACnet® (ANSI / ASHRAE-135-2000, BACnet® (ANSI / ASHRAE-135-2000))

Group remote controller

Model number
UTY-VGGXZ1
UTY-CGGGU

Auto

Specification
For UAE market only (ESMA regulation)
Group control of indoor units with simple operation.
Network converter (UTY-VGGXZ1) is required to connect group remote controller to a VRF system.

沒有選擇數量的控制器數量不能被設置。
*只有當該區域由首選項 -> 品牌設置設置時