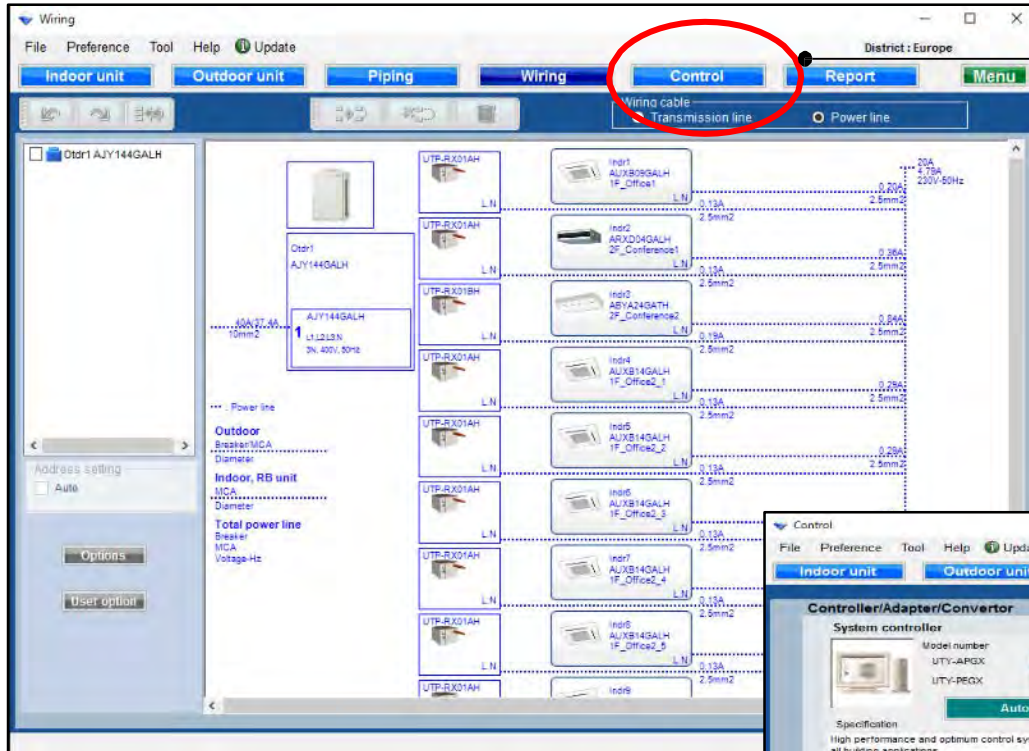
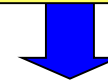


Centralized control settings

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

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 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

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.

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

VRF system No

1	1
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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

<input type="text" value="0"/>
<input type="text" value="0"/>
<input type="text" value="0"/>
<input type="text" value="0"/>

System controller

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

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-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"/>
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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 components:

- Menu Bar:** File, Preference, Tool, Help, Update (with an information icon).
- Navigation Buttons:** Indoor unit, Outdoor unit, Piping, Wiring, Control (highlighted), Report, Menu.
- Configuration Panels:**
 - 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.

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