

ACCESSORY CARD

VRF

CONTROLLERS / CONVERTERS / HARDWARE



Control System Overview


for VRF


To meet the diverse needs of customers, we offer a variety of control options for our VRF systems, such as individual control, centralized control, and building management system (BMS) options.

Air Conditioning Individual control

NEW  **Wired remote controller (Design type)**
UTY-RVRY


 **Wired remote controller (with touch panel)**
UTY-RNRYZ5


 **Wired remote controller**
UTY-RLRY


 **Compact wired remote controller**
UTY-RCRYZ1

 **Simple remote controller**
UTY-RSRY
UTY-RHRY
Without operation mode

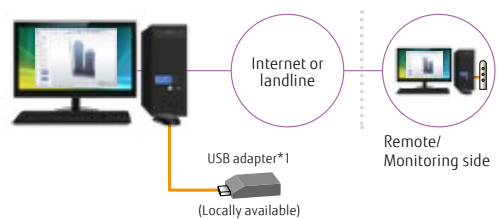
NEW  **Wireless Remote Controller**
UTY-LNVY
UTY-LNHY

 **IR receiver unit**
UTB-YWC for duct type

 **UTY-TRHX**
for One-way flow cassette Series
3D flow cassette Series/duct type

 **UTY-LBHXD**
for Circular flow cassette Series

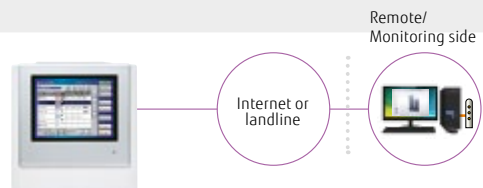
Air Conditioning Centralized control



System controller **Software**
UTY-APGXZ1/UTY-ALGXZ1 (Lite version)

Up to **1600**^{*2}
Indoor units

*1: Echelon® U10 USB Network Interface
*2: The Lite version controls up to 400 indoor units.



Touch panel controller
UTY-DTGYZ1

Up to **400**
Indoor units

NEW  **Central remote controller**
UTY-DCGYZ3

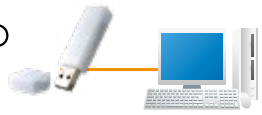
Up to **100**
Indoor units



Converters/Adapters

For external control via BMS/Home Automation Systems

BACnet® gateway
UTY-ABGXZ1 **Software**



VTY-VBGX **Hardware**



BACnet® interface for Indoor units
FG-IR-BMG1Z1



Network converter (For LONWORKS™)
UTY-VLGX



MODBUS® converter for Indoor units
UTY-VMSX



for VRF
UTY-VMGX



KNX® converter for Indoor units
UTY-VKSX



for VRF
UTY-VKGX



WLAN adapter
UTY-TFSXJ3 / UTY-TFSXZ1



External switch controller
UTY-TERX



Card-key
(Locally available)



Internet device



BMS/BAS^{*3}



BMS^{*3}, Home automation system



*3: BMS/BAS: Building Management System/Building Automation System

Converters/Adapters for system expansion

Network converter DC power supply type
UTY-VTGX



Single split

Network converter AC power supply type
UTY-VTGXV



























Single split

Signal amplifier
UTY-VSGXZ1



Controller system list (available) for VRF













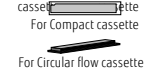






Controller Options:

| Type | Refrigerant | Indoor unit | | | | | | | | | |
|---|---|---------------------------------|---|---------------------------------|--------------------------------|---|---|---|---|--------------------------------|--|
| | | Cassette | | | | | Duct | | | | |
| | | One-way flow | 3D flow | Compact Grid type/Standard type | | Slim type | Large type | Low static pressure duct | | | |
| | | | | High Efficiency | Circular flow | | Mini (With drain pump) | Slim (With drain pump) | | High Efficiency | |
|  | | | AUXB 004/005/007/ 009/012/014/ 018HLAH | AUXN 009/012/014 HLAH | | | | ARXD 004/005/007/ 009/012/014/ 018/024 HLAH | ARXP 009/012/014 HLAH | | |
|  | AUXV 004/007/009/ 012/014/018/ 024GLEH | AUXS 018/024 GLEH | AUXB 004/007/009/ 012/014/018/ 024GLEH | | AUXM 018/024/030 GLEH | AUXK 018/024/030/ 034/036/045/ 054GLEH | ARXK 004/007/009/ 012/014/018/ 024GLGH | ARXD 04GALH | ARXD 007/009/012/ 014/018/024 GLEH | | |
| Interfaces |  | ● UTY-ABGX1, UTY-VBGX | | | | | | | | | |
| |  | ● FG-AC-BAC1Z1 | | | | | | | | | |
| |  | ● FG-IR-BMG1Z1+ UTY-TRHX | ● FG-IR-BMG1Z1 | ● FG-IR-BMG1Z1+ UTY-LBHXD | ● FG-IR-BMG1Z1+ UTY-TRHX | ● FG-IR-BMG1Z1+ UTB-YWC | ● FG-IR-BMG1Z1+ UTY-TRHX | | | ● FG-IR-BMG1Z1+ UTY-TRHX | |
| Network converter for LonWorks™ |  | ● UTY-VLGX | | | | | | | | | |
| MODBUS® Converter |  | ● UTY-VMSX | | | | | | | | | |
| |  | ● UTY-VMGX FG-TL-MBS16Z1 | | | | | | | | | |
| MODBUS® interface |   | ● FG-AC-MBS1Z1 | | | | | | | | | |
| |  | ● FG-IR-BMG1Z1+ UTY-TRHX | ● FG-IR-BMG1Z1 | ● FG-IR-BMG1Z1+ UTY-LBHXD | ● FG-IR-BMG1Z1+ UTY-TRHX | ● FG-IR-BMG1Z1+ UTB-YWC | ● FG-IR-BMG1Z1+ UTY-TRHX | | | ● FG-IR-BMG1Z1+ UTY-TRHX | |
| KNX® converter |  | ● UTY-VK SX | | | | | | | | | |
| |  | ● UTY-VK GX FG-TL-KNX16Z1 | | | | | | | | | |
| KNX® interface |   | ● FG-AC-KNX1Z1 | | | | | | | | | |
| |  | ● FG-IR-KNX1Z1+ UTY-TRHX | ● FG-IR-KNX1Z1 | ● FG-IR-KNX1Z1+ UTY-LBHXD | ● FG-IR-KNX1Z1+ UTY-TRHX | ● FG-IR-KNX1Z1+ UTB-YWC | ● FG-IR-KNX1Z1+ UTY-TRHX | | | ● FG-IR-KNX1Z1+ UTY-TRHX | |
| WLAN adapter |  | ● UTY-TFSXJ3 UTY-TFSXZ1 | | | | | | | | | |
| |   | ● FG-AC-WIF1Z1 | | | | | | | | | |
| |  | ● FG-IR-WIF1Z1+ UTY-TRHX | ● FG-IR-WIF1Z1 | ● FG-IR-WIF1Z1+ UTY-LBHXD | ● FG-IR-WIF1Z1+ UTY-TRHX | ● FG-IR-WIF1Z1+ UTB-YWC | ● FG-IR-WIF1Z1+ UTY-TRHX | | | ● FG-IR-WIF1Z1+ UTY-TRHX | |
| |   | ● FG-AC-WMP1Z1 | | | | | | | | | |
| |  | ● FG-IR-WMP1Z1+ UTY-TRHX | ● FG-IR-WMP1Z1 | ● FG-IR-WMP1Z1+ UTY-LBHXD | ● FG-IR-WMP1Z1+ UTY-TRHX | ● FG-IR-WMP1Z1+ UTB-YWC | ● FG-IR-WMP1Z1+ UTY-TRHX | | | ● FG-IR-WMP1Z1+ UTY-TRHX | |
| External switch controller |  | ● UTY-TERX | | | | | | | | | |

| Indoor unit | | | | | | | | | | | | | |
|--------------------------------|-------------------------------------|---|---|---|-------------------------------------|-------------------------------------|---|---|----------------------|---------------------|-------------------|---------------------|--|
| Duct | | | Floor | | Ceiling/ Floor | Ceiling | Wall-mounted | | | | | | |
| Low static pressure duct | Medium static pressure | High static pressure | - | external EEV | | | - | external EEV | - | external EEV | - | - | |
| High Efficiency | Normal | Normal | | | | | ASVA 004/005/007/ 009/012/014 HCAH | ASVE 004/005/007/ 009/012/014 HCAH | | | | | |
| ARXP 018/030 GLFH | ARXA 024/030/ 036/045 GLEH | ARXC 036/045/060/ 072/090/096 GTEH | AGYA 004/007/ 009/012/014 CCGH | AGYE 004/007/ 009/012/014 GCEH | ABYA 012/014/ 018/024 GTEH | ABYA 030/036/ 045/054 GTEH | ASVA 004/007/009 CCGH | ASVE 004/007/009 GCEH | ASVA 012/014GCCGH | ASVE 012/014GCEH | ASVA 18/24GBCH | ASVA 030/034GTEH | |
| ● UTY-ABGXZ1, UTY-VBGX | | | | | | | | | | | | | |
| ● FG-AC-BAC1Z1 | | | | | | | | | | | | | |
| ● FG-AC-BAC1Z1 | | | | | | | | | | | | | |
| ● FG-IR-BMG1Z1+ UTY-TRHX | | | ● FG-IR-BMG1Z1 | | | | | | | | | | |
| ● UTY-VLGX | | | | | | | | | | | | | |
| ● UTY-VMSX | | | | | | | | | | | | | |
| ● UTY-VMSX | | | | | | | | | | | | | |
| ● UTY-VMGX FG-TL-MBS16Z1 | | | | | | | | | | | | | |
| ● FG-AC-MBS1Z1 | | | | | | | | | | | | | |
| ● FG-RC-MBS1Z1 | | | | | | | | | | | | | |
| ● FG-AC-MBS1Z1 | | | | | | | | | | | | | |
| ● FG-IR-BMG1Z1+ UTY-TRHX | | | ● FG-IR-BMG1Z1 | | | | | | | | | | |
| ● UTY-VKSX | | | | | | | | | | | | | |
| ● UTY-VKSX | | | | | | | | | | | | | |
| ● UTY-VKGX FG-TL-KNX16Z1 | | | | | | | | | | | | | |
| ● FG-AC-KNX1Z1 | | | | | | | | | | | | | |
| ● FG-RC-KNX1Z1 | | | | | | | | | | | | | |
| ● FG-AC-KNX1Z1 | | | | | | | | | | | | | |
| ● FG-IR-KNX1Z1+ UTY-TRHX | | | ● FG-IR-KNX1Z1 | | | | | | | | | | |
| ● UTY-TFSXJ3 UTY-TFSXZ1 | | | | | | | | | | | | | |
| ● UTY-TFSXJ3 UTY-TFSXZ1 | | | | | | | | | | | | | |
| ● FG-AC-WIF1Z1 | | | | | | | | | | | | | |
| ● FG-RC-WIF1Z2 | | | | | | | | | | | | | |
| ● FG-AC-WIF1Z1 | | | | | | | | | | | | | |
| ● FG-IR-WIF1Z1+ UTY-TRHX | | | ● FG-IR-WIF1Z1 | | | | | | | | | | |
| ● FG-AC-WMP1Z1 | | | | | | | | | | | | | |
| ● FG-RC-WMP1Z1 | | | | | | | | | | | | | |
| ● FG-AC-WMP1Z1 | | | | | | | | | | | | | |
| ● FG-IR-WMP1Z1+ UTY-TRHX | | | ● FG-IR-WMP1Z1 | | | | | | | | | | |
| ● UTY-TERX | | | | | | | | | | | | | |

*1: For compatibility of the new WLAN adapters with the indoor units which are not listed in this catalogue, please refer to page C-021.

Optional parts list for VRF

| Type | Refrigerant | Indoor unit | | | | | | | | | |
|---|---|--|---|---|-----------------------------|---|--|--------------------------|--|-----------------------------|------------|
| | | Cassette | | | | | Duct | | | | |
| | | One-way flow | 3D flow | Compact grid type/ Standard type | | Slim type | Large type | Low static pressure duct | | | |
| | | | | High Efficiency | Circular flow | | Mini (With drain pump) | Slim (With drain pump) | | High Efficiency | |
|  | | | AUXB 004/005/007/ 009/012/014/ 018HLAH | AUXN 009/012/014 HLAH | | | | | ARXD 004/005/007/ 009/012/014/ 018/024 HLAH | ARXP 009/012/014 HLAH | |
|  | AUXV 004/007/009/ 012/014/018/ 024GLEH | AUXS 018/024GLEH | AUXB 004/007/009/ 012/014/018/ 024GLEH | | AUXM 018/024/030 GLEH | AUXK 018/024/030/ 034/036/045/ 054GLEH | ARXK 004/007/009/ 012/014/018/ 024GLGH | ARXD 04GALH | ARXD 007/009/012/ 014/018/024 GLEH | | |
| Human sensor kit |  | | | | | | | | | | UTY-SHZXC |
| Remote sensor unit |  | | | | | | | | | | UTY-XSZXZ1 |
| Cassette grille |  | • UTG-UNYA-W (004-012) • UTG-UNYB-W (014-024) | • UTG-USYA-W | • UTG-UFYE-W • UTG-UFYC-W • UTG-UFYH-W (HLAH) | • UTG-UFYH-W | • UTG-UKYC-W • UTG-UKYA-B | | | | | |
| Auto louver grille kit |  | | | | | | | | • UTD-GXTA-W (4-14), • UTD-GXTB-W (18), • UTD-GXTC-W (24) | | |
| Silver ion filter |  | | | • UTD-HFAA | | • UTD-HFRA | • UTD-HFTA (004-014) • UTD-HFTB (018) • UTD-HFTC (024) | • UTD-HFTA | • UTD-HFTA (007-014) • UTD-HFTB (018) • UTD-HFTC (024) | | |
| Long-life filter |  | | | | | | | | | | |
| Flange |  | | | | | | | | | | |
| Drain Pump Unit |  | | | | | | | | | | |
| Wide Panel |  | | | | | • UTG-AKXA-W | | | | | |
| Panel spacer |  | | | | | • UTG-BKXA-W | | | | | |
| Fresh air intake kit*1 |  | | | • UTZ-VXAA | | • UTZ-VXRA | | | | | |
| Air outlet shutter plate: |  | | | • UTR-YDZB | | • UTR-YDZK | | | | | |
| Insulation kit for high humidity |  | | | • UTZ-KXGC | | • UTZ-KXRA | | | | | |
| Half concealed kit |  | | | | | | | | | | |
| External power supply unit |  | • UTZ-GXXA • UTZ-GXXC | | • UTZ-GXXA • UTZ-GXXC • UTZ-GXXD (HLAH) | • UTZ-GXXD | | • UTZ-GXXA • UTZ-GXXC | | • UTZ-GXXA • UTZ-GXXC • UTZ-GXXD (HLAH) | • UTZ-GXXD | |
| Pressure sensor kit |  | | | | | | | | | | |
| Gas sensor kit |  | | | • UTY-SGZY (HLAH) | • UTY-SGZY | | | | • UTY-SGZY (HLAH) | • UTY-SGZY | |

| Indoor unit | | | | | | | | | | | | |
|--------------------------|-------------------------------------|-----------------------------|-----------------------------|---|---|-------------------------------------|-------------------------------------|---|---|-------------------|---------------------------|---|
| Duct | | | | Floor | | Floor/Ceiling | Ceiling | Wall-mounted | | | | V-IV Series |
| Low static pressure duct | Medium static pressure | High static pressure | | - | external EEV | | | - | external EEV | - | - | |
| High Efficiency | Normal | Normal | | | | | | | | | | |
| | | | | | | | | ASYA 004/005/007/ 009/012/014 HCAH | ASYE 004/005/007/ 009/012/014 HCAH | | | |
| ARXP 018/030 GLFH | ARXA 024/030/ 036/045 GLEH | ARXC 036/045/060 GTEH | ARXC 072/090/096 GTEH | AGYA 004/007/ 009/012/014 GCGH | AGYE 004/007/ 009/012/014 GCEH | ABYA 012/014/ 018/024 GTEH | ABYA 030/036/ 045/054 GTEH | ASYA 004/007/009 012/014 GCGH | ASYE 004/007/009 012/014 GCEH | ASYA 18/24GBCH | ASYA 030/034GTEH | AJY 072/090/108/ 126/144/162 LALDH |
| ● UTY-XSZXZ1 | | | | | | | | ● UTY-XSZXZ1 | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | ● UTD-HFND | ● UTD-HFKB | | ● UTR-FA03-5 | | | | ● UTR-FA16-5 | | ● UTR-FA13-3 | | |
| | ● UTD-LF25NA | ● UTD-LF60KA | | | | | | | | | | |
| | ● UTD-SF045T UTD-RF204 | | | | | | ● UTD-RF204 | | | | | |
| | ● UTZ-PX1NBA | | | | | | ● UTR-DPB24T | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | ● UTR-STA | | | | | | | | |
| | | | | ● UTZ-GXXA UTZ-GXXC | | | | ● UTZ-GXXA UTZ-GXXC UTZ-GXXD (HCAH) | | | ● UTZ-GXXA UTZ-GXXC | |
| | | | | | | | | | | | | ● UTY-SPWX |
| | | | | | | | | ● UTY-SGZY (HCAH) | | | | |

Function list for VRF

External input and output function/External connect kit


| Type | Refrigerant | Indoor unit | | | | | | | | | | | | | |
|---|--|---|-----------------------------|---|---------------|-----------------------------|---|---|---|--------|-------------------------|-------------------------------------|--|---|---|
| | | Cassette | | | | | | Duct | | | | | | Floor | |
| | | One-way flow | 3D flow | Compact grid type/ Standard type | | Slim type | Large type | Low static pressure | | | Low static pressure | Medium static pressure | High static pressure | - | EEV external |
| | | | | High Efficiency | Circular flow | | | Mini (With drain pump) | Slim (With drain pump) | | | | | | |
| AUXB 004/005/007/ 009/012/014/ 018HLAH | AUXN 009/012/014 HLAH | ARXD 004/005/007/ 009/012/014/ 018/024 HLAH | ARXP 009/012/014 HLAH | | | High Efficiency | High Efficiency | | Normal | Normal | | | | | |
| | | | | | | | | | | | | | | | |
| | | AUXV 004/007/009/ 012/014/018/ 024GLEH | AUXS 018/024 GLEH | AUXB 004/007/009/ 012/014/018/ 024GLEH | | AUXM 018/024/030 GLEH | AUXK 018/024/030/ 034/036/045/ 054GLEH | ARXK 004/007/009/ 012/014/018/ 024GLEH | ARXD 007/009/012/ 014/018/024 GLEH ARXD 04GALH | | ARXP 018/030 GLFH | ARXA 024/030/ 036/045 GLEH | ARXC 036/045/060 072/090/096 GLEH | AGYA 004/007/ 009/012/014 GCGH | AGYE 004/007/ 009/012/014 GCEH |
| Input | Operation/Stop | ● UTY-XWZXZD ○ UTY-XWZXZB | | | | | | | | | | | | | |
| | All On/All Off | | | | | | | | | | | | | | |
| | Group stop | | | | | | | | | | | | | | |
| | Forced stop | ● UTY-XWZXZD ○ UTY-XWZXZB | | | | | | | | | | | | | |
| | Emergency stop | ● UTY-XWZXZD ○ UTY-XWZXZB | | | | | | | | | | | | | |
| | Forced thermostat off | ● UTY-XWZXZE ○ UTY-XWZXZ7 | | | | | | | | | | | | | |
| | Low noise mode operation | | | | | | | | | | | | | | |
| | Cooling/ Heating priority | | | | | | | | | | | | | | |
| | Outdoor unit operation peak control | | | | | | | | | | | | | | |
| | Power usage information from electricity meter | | | | | | | | | | | | | | |
| Input | Operation status | ● UTY-XWZXZC | | | | | | | | | | | | | |
| | Error status | ● UTY-XWZXZC | | | | | | | | | | | | | |
| | Indoor unit fan operation status | ● UTY-XWZXZC | | | | | | | | | | | | | |
| | Auxiliary heater output | | | | | | | | | | | | | | |
| | Base pan heater | | | | | | | | | | | | | | |
| Other | Expansion kit | | | ● UTZ-JXXA+ UTY-XWZXZL (HLAH) | | | | | ● UTZ-JXXA+ UTY-XWZXZL (HLAH) | | | | | | |

*2: The Touch panel controller has the functions of dry contact and voltage application, but the external connection kit described above is not necessary because the touch panel controller has an external input terminal block.

For

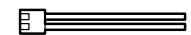
VRF Communication system

NEW Expansion kit



UTZ-JXXA

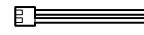
NEW Connection Cable





UTY-XWZXZL


External connect kit


For indoor unit

UTY-XWZXZ7 

UTY-XWZXZB 

UTY-XWZXZC 

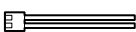
UTY-XWZXZD 

UTY-XWZXZE 

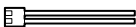
| Indoor unit | | | | | | Outdoor unit | | | | | | controller | Other |
|---------------------------------|---------------------------------|---|---|-------------------|---------------------|-----------------------------|---|---|-----------------------------|---|---|----------------------------|--|
| Floor/Ceiling | | Wall-mounted | | | | J-VS | J-IVL | J-IV | J-IVS | V-IV | VR-IV | Central remote controller | RB unit |
| | | | EEV external | | | | | | | | | | |
| | | ASVA 004/005/007/ 009/012/014 HCAH | ASVE 004/005/007/ 009/012/014 HCAH | | | AJY 040/045/054 KCTAH | | AJY 040/045/054 LBLDH, AJY 040/045/054 LELDH | AJY 040/045/054 LCLDH | AJY 072/090/108/ 126/144/162 LALDH | AJY 072/090/108/ 126/144 GALDH | UTY-DCGYZ3 | UTP-RX01AH UTP-RX01BH UTP-RX01CH UTP-RX06BH UTP-RX08AH UTP-RX12AH |
| ABYA 012/014/018/ 024GTEH | ABYA 030/036/045/ 054GTEH | ASVA 004/007/009 012/014 GCEH | ASVE 004/007/009 012/014 GCEH | ASVA 18/24GBCH | ASVA 030/034GTEH | | AJY 072/090/108/ 126/144/162 LELDH | AJY 040/045/054 LBLDH, AJY 040/045/054 LELDH | AJY 040/045/054 LCLDH | AJY 072/090/108/ 126/144/162 LALDH | AJY 072/090/108/ 126/144 GALDH | UTY-DCGYZ3 | UTP-RX01AH UTP-RX01BH UTP-RX01CH UTP-RX06BH UTP-RX08AH UTP-RX12AH |
| ● UTY-XWZXZD ○ UTY-XWZXZB | | | | | | | | | | | | | |
| | | | | | | | | | | | | ●UTY-XWZXZ7 ○UTY-XWZXZ8 | |
| | | | | | | ● UTY-XWZXZ6 | | | | | | | |
| ● UTY-XWZXZD ○ UTY-XWZXZB | | | | | | | | | | | | | |
| ● UTY-XWZXZD ○ UTY-XWZXZB | | | | | | ● UTY-XWZXZ6 | | | | | | ●UTY-XWZXZ7 ○UTY-XWZXZ8 | |
| ● UTY-XWZXZE ○ UTY-XWZXZ7 | | | | | | | | | | | | | |
| | | | | | | ● UTY-XWZXZ6 | | | | | | | |
| | | | | | | ● UTY-XWZXZ6 | | | | | | ●UTY-XWZXZ6 ○UTY-XWZXZ8 | |
| | | | | | | ● UTY-XWZXZ6 | | | | | | | |
| | | | | | | ● UTY-XWZXZF | | | | | | | |
| ● UTY-XWZXZC | | | | | | ○ UTY-XWZXZ6 | | | | | | ○UTY- XWZXZA | |
| ● UTY-XWZXZC | | | | | | ○ UTY-XWZXZ6 | | | | | | ○UTY- XWZXZA | |
| ● UTY-XWZXZC | | | | | | | | | | | | | |
| | | | | | | ● UTY-XWZXZ9 | | | | ● UTY-XWZXZ9 | | | |
| | | ●UTZ-JXXA+ UTY-XWZXZL (HCAH) | | | | | | | | | | | |

●: Dry Contact ○: Apply Voltage

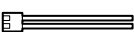
For outdoor unit

UTY-XWZXZ6 

UTY-XWZXZ9 

UTY-XWZXZF 

For RB unit


UTY-XWZXZ6 

UTY-XWZXZB 

Central remote controller

UTY-XWZXZ7 

UTY-XWZXZ8 

UTY-XWZXZA 



















For Touch panel controller

UTY-XWZXZA 











Separation tube

for VRF






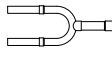

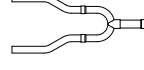

Separation tube

| | | | |
|--|--|---|--|
| <p>UTP-AX054A</p> <p>Gas pipe</p>  <p>Liquid pipe</p>  | <p>UTP-AX090A</p> <p>Gas pipe</p>  <p>Liquid pipe</p>  | <p>UTP-AX180A</p> <p>Gas pipe</p>  <p>Liquid pipe</p>  | <p>UTP-AX567A</p> <p>Gas pipe</p>  <p>Liquid pipe</p>  |
| <p>UTP-BX090A</p> <p>Suction Gas pipe</p>  <p>Discharge Gas pipe</p>  <p>Liquid pipe</p>  | <p>UTP-BX180A</p> <p>Suction Gas pipe</p>  <p>Discharge Gas pipe</p>  <p>Liquid pipe</p>  | <p>UTP-BX567A</p> <p>Suction Gas pipe</p>  <p>Discharge Gas pipe</p>  <p>Liquid pipe</p>  | <p>UTP-LX180A</p> <p>For DX kit</p>  |





Header





| | | | |
|---|---|--|---|
| <p>UTR-H0906L / UTR-H1806L</p> <p>Gas pipe</p>  <p>Liquid pipe</p>  | <p>UTR-H0908L / UTR-H1808L</p> <p>Gas pipe</p>  <p>Liquid pipe</p>  | <p>UTP-J0906A / UTP-J1806A</p> <p>Suction gas pipe</p>  <p>Discharge gas pipe</p>  <p>Liquid pipe</p>  | <p>UTP-J0908A / UTP-J1808A</p> <p>Suction gas pipe</p>  <p>Discharge gas pipe</p>  <p>Liquid pipe</p>  |
|---|---|--|---|

| | |
|----------------------------------|--------------------------------------|
| <h3>Outdoor unit branch kit</h3> | <h3>Separation tube for RB unit</h3> |
|----------------------------------|--------------------------------------|

| | | | |
|--|--|--|--|
| <p>UTP-CX567A</p> <p>Gas Pipe</p>  <p>Liquid Pipe</p>  | <p>UTP-DX567A</p> <p>Suction Gas Pipe</p>  <p>Discharge Gas Pipe</p>  <p>Liquid Pipe</p>  | <p>UTP-EX060A</p> <p>Gas Pipe</p>  <p>Liquid Pipe</p>  | <p>UTP-EX096A</p> <p>Gas Pipe</p>  <p>Liquid Pipe</p>  |
|--|--|--|--|

for VRF

| EV kit | | Shut off valve kit | |
|---|--|--|---|
| Model name ≤ 09 : UTR-EV09XB Model name ≥ 12 : UTR-EV14XB for compact wall-mounted type | NEW Model name ≤ 09 : UTR-EV09XC Model name ≥ 12 : UTR-EV14XC for R32 VRF wall-mounted type | NEW UTP-GX027A for R32 VRF indoor unit | NEW UTP-GX060A for R32 VRF outdoor unit |
|  |  |  |  |

| RB unit | | | |
|---|---|--|---|
| UTP-RX01AH / UTP-RX01BH / UTP-RX01CH Single type | UTP-RX04BH Multi-split type | UTP-RX08AH Multi-split type | UTP-RX12AH Multi-split type |
|  |  |  |  |

Specifications

Separation tube

| | | | | |
|--|--------------|--------------|--------------|--------------|
| Model name | UTP-AX054A | UTP-AX090A | UTP-AX180A | UTP-AX567A |
| Total cooling capacity of indoor unit (kW) | 19.6 or less | 28.0 or less | 28.1 to 56.0 | 56.1 or more |
| Model name | UTP-BX090A | UTP-BX180A | UTP-BX567A | |
| Total cooling capacity of indoor unit (kW) | 28.0 or less | 28.1 to 56.0 | 56.1 or more | |

Header

| | | | |
|--|--------------|--------------|--------------|
| Model name | 3-6 Branches | UTR-H0906L | UTR-H1806L |
| | 3-8 Branches | UTR-H0908L | UTR-H1808L |
| Total cooling capacity of indoor unit (kW) | | 28.0 or less | 28.1 to 56.0 |
| Model name | 3-6 Branches | UTP-J0906A | UTP-J1806A |
| | 3-8 Branches | UTP-J0908A | UTP-J1808A |
| Total cooling capacity of indoor unit (kW) | | 28.0 or less | 28.1 to 56.0 |

Outdoor unit branch kit

| | | | |
|-------------------------|-----------------|-----------------------|------------------------|
| Model name | | UTP-CX567A (for V-IV) | UTP-DX567A (for VR-IV) |
| Number of outdoor units | 2 outdoor units | | 1 |
| | 3 outdoor units | | 2 |

EV kit

| | | | | | | |
|-------------------|---|---|----------------------------|----------------------------|--|----------------------------|
| Model name | UTR-EV09XB | | UTR-EV14XB | | UTR-EV09XC | UTR-EV14XC |
| Application model | ASYE004GCEH ASYE007GCEH ASYE009GCEH | AGYE004GCEH AGYE007GCEH AGYE009GCEH | ASYE012GCEH ASYE014GCEH | AGYE012GCEH AGYE014GCEH | ASYE004HCAH ASYE005HCAH ASYE007HCAH ASYE009HCAH | ASYE012HCAH ASYE014HCAH |

RB unit

| Type | Single type | | | Multi-split type | | |
|---|--|------------|------------|------------------|------------|------------|
| Model name | UTP-RX01AH | UTP-RX01BH | UTP-RX01CH | UTP-RX04BH | UTP-RX08AH | UTP-RX12AH |
| Power source | V/Ø/Hz 230/1/50 | | | | | |
| Input power | W 17 24 31 96 136 204 | | | | | |
| Number of branches | 1 | 1 | 1 | 4 | 8 | 12 |
| Maximum capacity of connectable indoor units (Q) | kW $Q \leq 8.0$ $Q \leq 18.0$ $Q \leq 28.0$ $Q \leq 56.1^{*1}$ $Q \leq 72.0$ $Q \leq 95.0$ | | | | | |
| Maximum capacity of connectable indoor units per branch (Q) | kW $Q \leq 8.0$ $Q \leq 18.0$ $Q \leq 28.0$ $Q \leq 18.0$ $Q \leq 8.0$ $Q \leq 8.0$ | | | | | |
| Maximum Connectable Indoor Units per Branch | 3 8 8 8 7 7 | | | | | |
| Dimensions (H × W × D) | mm 198 × 298 × 268 260 × 658 × 428 298 × 660 × 618 298 × 990 × 618 | | | | | |

Shut off valve kit

| | | | |
|---|--------------------|--|-----------------|
| Model name | UTP-GX027A | | UTP-GX060A |
| Power source | V/Ø/Hz 230/1/50 | | 230/1/50 |
| Input power | W 24 | | 24 |
| Number of branches | 1 | | 1 |
| Maximum number of connectable Expansion kit | kW 4 | | 4 |
| Maximum capacity of connectable indoor units (Q) | kW $Q \leq 8.0$ | | $Q \leq 18.0$ |
| Maximum capacity of Connectable Indoor Units per Branch (Q) | kW $Q \leq 8.0$ | | $Q \leq 18.0$ |
| Dimensions (H × W × D) | mm 250 × 540 × 267 | | 250 × 540 × 267 |

*1. When two RB units are connected in series (8 branches in total), the maximum capacity of the connectable indoor units is up to 56.0 kW.



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