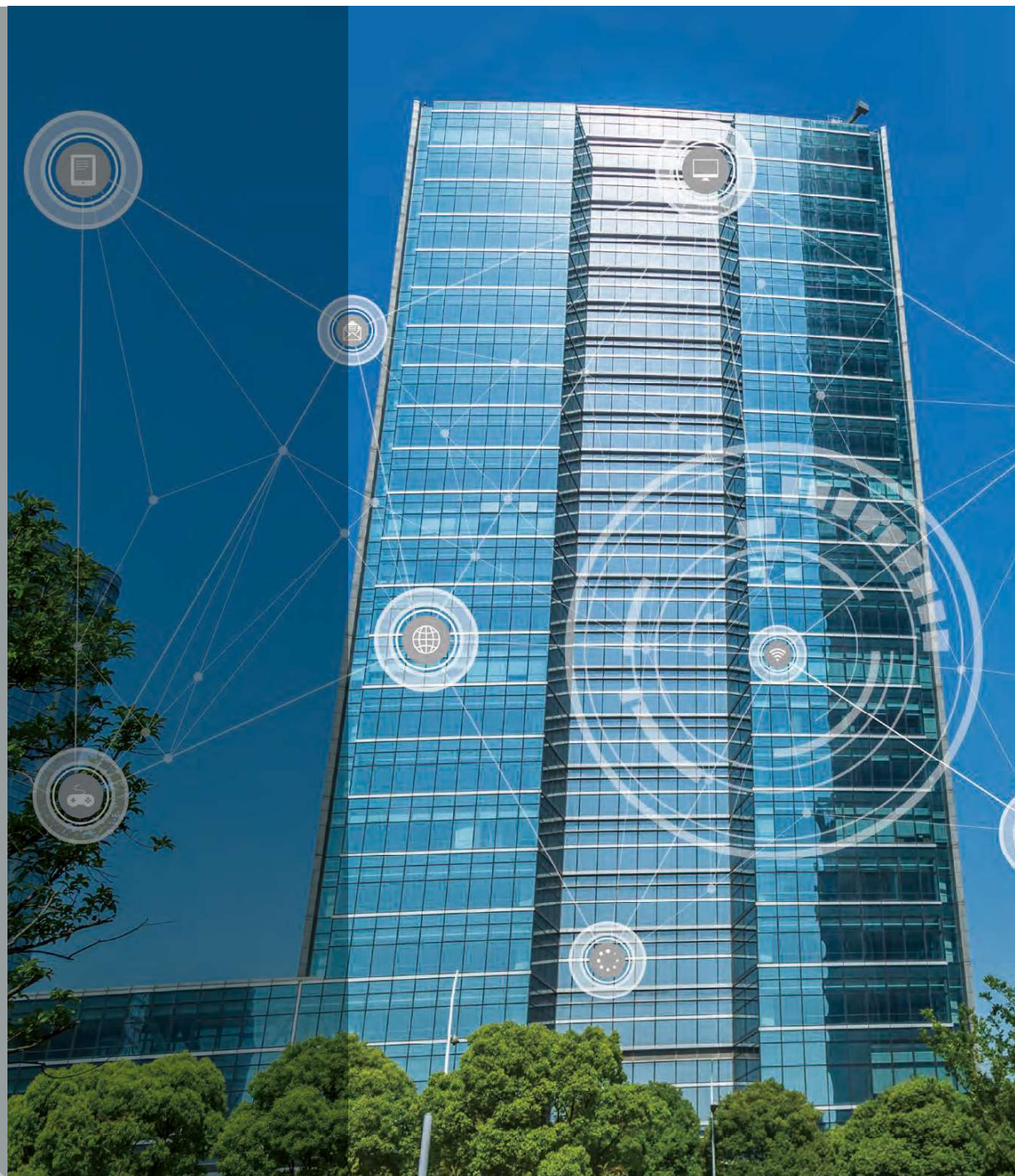
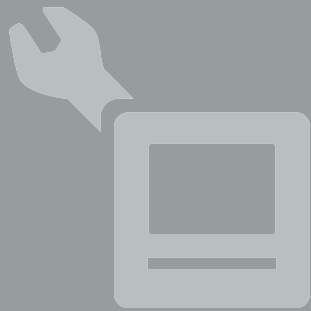


PRODUCT CATEGORY

CONTROL SYSTEM & OPTIONAL PARTS

All indoor units are provided with wireless or wired remote controllers as standard equipment. Other options, such as individual and central remote controllers, are also available.

- C-002 Individual Control
- C-008 Control System List
- C-012 Optional Parts
- C-014 Optional Parts List
- C-018 Quick service & maintenance
- C-022 Optional Parts Lineup



Wired remote controller (Design type)

UTY-RVRG

NEW



Up to
16 indoor units

Up to
1 group



reddot winner 2024



Simple and stylish design that harmonizes with the space

- The new stylish design controller, UTY-RVRG, enables intuitive operation with touch screen. It is compatible with many 2-wired indoor units.

Harmonizes with the Installation Space

When not in use, the controller is a part of the interior décor. This is achieved by using mirrors, glass, and clear panels, and it appears to be one with the wall. The sleek and stylish design won the 2022 Good Design Award and was selected as a finalist for the 2023 IDEA award.



Intuitive operation

The touch screen is easily operated by swiping vertically and horizontally, and users can operate the controller without using manuals.

Temp. Setting



Operation Mode



Status LED Colors

When not in use, the operation mode is indicated through LED lamp colors shown under the controller. The LED lamp can be switched ON and OFF to avoid glare at night.



Green: Dry

Purple: Auto

Features: Wired Remote Controller (Design type)

Refrigerant cycle monitor

The controller will display specific sensor values of outdoor and indoor units for maintenance and service support.

- Display screen example
- This function is only supported by split units, using the H-Serial communication protocol. Example: ASH-H30KMTB



Logo Display

The controller can display hotel logos when not in use. Images are sent via Bluetooth® connection where data is saved in the flash memory built into each controller.

- Color display available

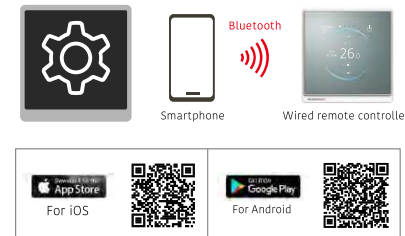


AIRSTAGE Remo Set application (free download)

Set up your new Wired Remote Controller via Bluetooth from your smartphone (or directly at the controller).

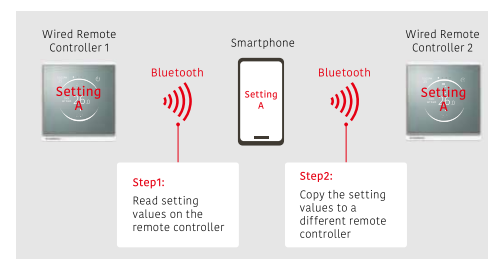
Features:

- Initial configuration
- Function setting
- Custom logo import
- Copy settings between controllers



Initial Settings / Indoor Unit Function

The initial controller settings and indoor unit function settings can be sent from a smartphone by pairing with the controller via Bluetooth. It also can read the setting values of a paired controller, and send a copy of them to one or more additional controllers, significantly reducing installation time.



*Smartphone : Wired Remote Controller = 1 : 1

Specifications

Model name	UTY-RVRG
Power Source	DC12V
Dimensions (H × W × D) (mm)	121.5 × 116 × 26
Weight (g)	225

Wired remote controller (with touch panel)

UTY-RNRGZ5



Easy operation due to large high-resolution STN-LCD touch panel screen

- Touch screen LCD
- Built-in daily/weekly timer (ON/OFF, temperature, modes)
- Backlit screen for easy operation in the dark.
- Room temperature display
- Controls up to 16 indoor units
- Supports 12 languages: Chinese, Dutch, English, French, German, Greek, Italian, Polish, Portuguese, Russian, Spanish, and Turkish
- nonpolar 2-core type

Up to
16 indoor units

Up to
1 group

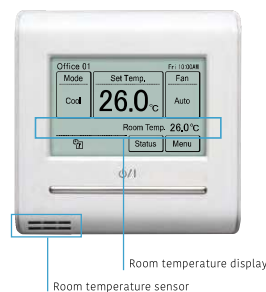
High performance and compact size

A single remote controller controls each connected indoor unit and provides a weekly timer function and a variety of energy-saving options.



Accurate control for comfort

A thermo sensor built into the remote controller monitors room temperature accurately.



Room temperature display

Room temperature sensor

Energy saving controls

Custom Auto

- Maintains 2 separate setpoints for heating and cooling operations.
- Automatically switches between heating and cooling modes.

* Not available for some models

Auto-off timer

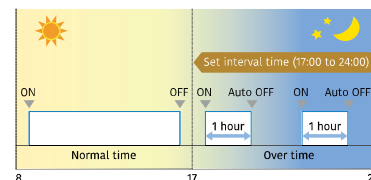
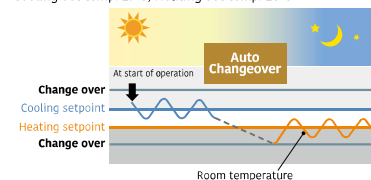
- While the Auto-timer is activated, if the set off time is specified as, for example, one hour, the power will automatically turn off one hour after the start of operation.
- A desired time frame can be specified for the Auto-off timer.
- The off-time can be set from 30 to 240 minutes.

2-setting weekly timer

Set temperature auto return

Setting temperature range limitation

Cooling set temp. 27°C, Heating set temp. 26°C



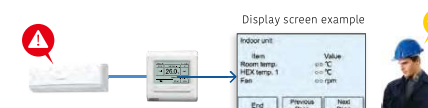
e.g.) Between 17:00 and 24:00 (over time hours), when the 1 hour set off time has elapsed, the system will automatically turn off the indoor unit as it has been judged to be "forgotten to turn off".
Set off time for over time hours: 1 hour

Features: Wired Remote Controller (Touch Panel)

Refrigerant cycle monitor

Wired Remote Controller (Touch Panel) will support to display some sensor values for maintenance and service support.

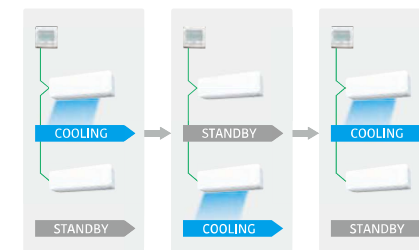
* This function is only supported by split units, using the H-Serial communication protocol! Example: ASHH30KMTB



Multi System Control¹

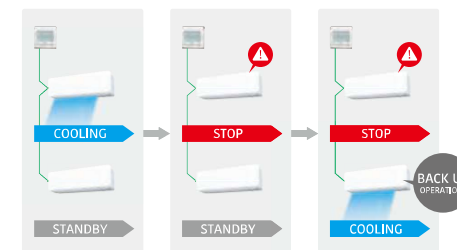
1) Lead Lag Operation

Standby Indoor Unit can be selected in lead lag operation. By this, the Indoor units will last longer than operating by nonstop.



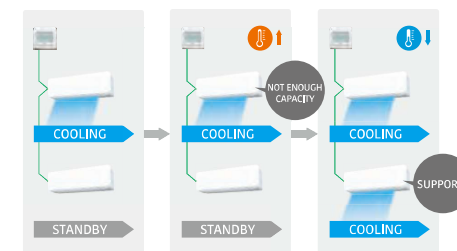
2) Back up operation

In case of unexpected Indoor unit error, other Indoor units will start providing back up operation.



3) Lag Operation

In case of unexpected room temperature rise, other Indoor Units will start providing lag operation.



*1: "Lead Lag Setting" is an easy-to-use function for room temperature control when using multiple indoor units, while reducing the burden placed on each indoor unit.
If you wish to make use of this function, ensure you use indoor units equipped with a "Special Cooling" function.
If you use indoor units that do not have a "Special Cooling" function, under certain conditions, there is a chance that "Backup operation" may not operate correctly, and the "Lead Lag Setting" function will not give the expected results.
Additionally, for rooms that require strict conditions, such as server rooms, please consider other appropriate measures.
Please note that we will not provide compensation for any damages suffered to your appliances or data as a result of using this function.
For more details, please confirm with your nearest retail store.

Specifications

Model name	UTY-RNRGZ5
Power Source	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 20.4
Weight (g)	220

DC 12 V is supplied by the indoor unit.

Wired Remote Controller

UTY-RLRG



- Various timer setup (ON / OFF / WEEKLY) are possible.
- The room temperature can be controlled by detecting the temperature accurately with Built-in thermo sensor.
- When a failure occurs, the error code is displayed.
- Error history. (Last 16 error codes can be accessed.)
- 2-wire type

High performance and compact size

In addition to the individual control, weekly timer, and various energy saving controls can be realized using only one remote controller.



High visibility and easy operation

- "Mode", "Set Temp", and "Fan" are displayed at large size on the top screen.
- Each function to be set is indicated by an icon.
- Control guide is displayed and operation is simple and straightforward.



Wired Remote Controller

UTY-RNNGM

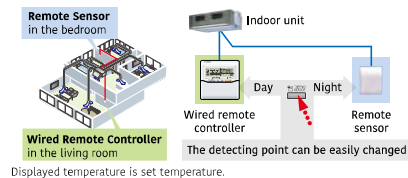


- Simple operation with Built-in Weekly / Daily Timer.
- Control up to 16 indoor units.
- Up to 2 wired remote controllers can be connected to a single indoor unit.

Accurate and comfortable

Indoor temperature can be detected accurately by the inclusion of a thermo sensor in the body of the wired remote controller. This wired remote controller and the optional remote sensor allows flexibility in sensor location, suitable for all requirements.

Example of changing sensor



Built-in timers

Weekly timer: Possible to set ON/OFF time to operate twice each day of the week.

Setback timer: Possible to set temperature for two times spans and for each day of the week. At "Weekly timer" + "Set back timer" setup

Specifications

Model name	UTY-RLRG	UTY-RNNGM
Power Source	DC 12 V	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 17	120 × 120 × 18
Weight (g)	170	160

DC 12 V is supplied by the indoor unit.

Compact Wired Remote Controller

UTY-RCRGZ1 / UTY-RCRGZ1K



UTY-RCRGZ1



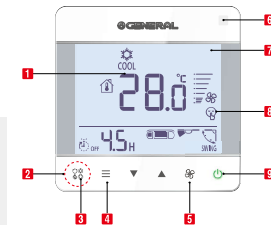
UTY-RCRGZ1K

- Simple design to match the stylish interior
- Easy to install : Body of controller is designed to fit in European standard junction box
- Can be operated both by wireless and wired remote controller.
- 2-wire type

Large screen and simple display

- Although the size is compact, the screen is large
- Large letters makes it easy to see
- Operation is simple and easy-to-understand

- 1 Visible large letter
- 2 Touch key (Frequently-used operation is placed on the direct button)
- 3 Operation mode
- 4 Menu
- 5 Air flow
- 6 Built in IR receiver
- 7 LCD with backlight is clearly visible in the dark
- 8 Easy-to-understand pictograph display
- 9 LED is mounted for the ON/OFF key (Green light on when R.C. is turned on)



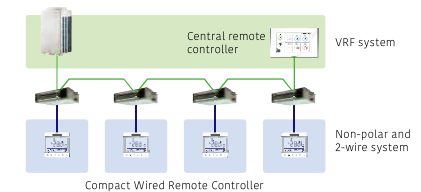
Maximum Controllable
1 single indoor unit

Maximum Controllable
1 Group

System overview

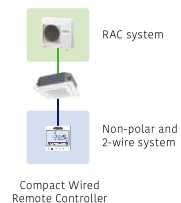
VRF connection

One indoor unit and one remote controller are connected in one non-polar and 2-wire remote controller system.



RAC (Room air conditioner) connection

One indoor unit and one remote controller are connected in one non-polar and 2-wire remote controller system.



Specifications

Model name	UTY-RCRGZ1	UTY-RCRGZ1K
Power Source	DC12V	
Dimensions (H × W × D) (mm)	86 × 86 × 44	
Weight (g)	135	

DC 12 V is supplied by the indoor unit.

Simple Remote Controller

UTY-RSRG / UTY-RHRG (Without operation mode)



UTY-RSRG
UTY-RHRG
(Without operation mode)

Compact remote controller provides access to basic functions

- Up to 16 indoor units can be controlled with one remote controller.
- Suitable for hotels or offices as it is easily operated with no complex functions.
- Stylish design: Simple design to match the stylish interior.
- Large LCD screen & simple operation buttons
- Backlight: White colored backlight on monitor enable easy operation in dark.
- 2-wire type

Maximum Controllable
16 indoor units

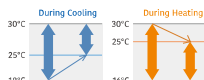
Maximum Controllable
1 Group

Corresponding to various applications

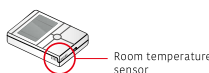
- **Vertical louver control:** Vertical air flow direction can be adjusted for Duct types with auto louver and Cassette types, which are installed in hotels and conference rooms, can be adjusted.



- **Room temperature set point limitation:** The Simple Remote Controller can manage to energy saving operation in small buildings without the central control unit.



- **Built in room temperature sensor:** The Simple Remote Controller detects actual room temperature and controls room climate accuracy.



Simple Remote Controller

UTY-RSNGM



UTY-RSNGM

Compact remote controller provides access to basic functions

- Up to 16 indoor units can be controlled with one remote controller.
- Suitable for hotels or offices as it is easily operated with no complex functions.
- Backlight enables easy operation in a darkened room.
- 3-wire type

Easy-to-use operation

- Provides access to basic operations, such as Start / Stop, Fan control, Operation mode switching, and Room temperature setting.
- A large On / Off button is provided in the centre of the remote controller for easy operation.
- Can be used jointly with other individual control unit.
- Following an error display, diagnostics can be carried out on the controller.

Specifications

Model name	UTY-RSRG	UTY-RHRG	UTY-RSNGM
Power Source	DC 12 V	DC 12 V	DC 12 V
Dimensions (H × W × D) (mm)	120 × 75 × 19.4	120 × 75 × 19.4	120 × 75 × 19.4
Weight (g)	120	120	120

DC 12 V is supplied by the indoor unit.

Wired Remote Controller

UTY-RVNGM

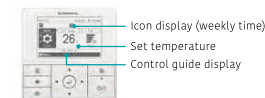


Hi-grade individual control using various functions.

- 3.7-inch LCD backlight screen.
- Supporting various Energy Saving functions with simple operation.
- Multiple Language Support.
(English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)

High visibility and Easy operation

- Icon display of effectual functions.
- Main functions in large icons: "Mode", "Set Temp", and "Fan".
- Easy to operate by Control guide display.
- Simple operation with easy 4-way navigation pad.



High performance and compact size

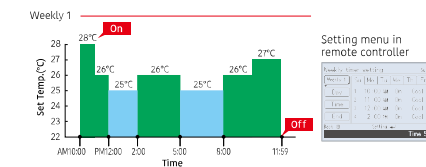
- In addition to the individual control, various energy saving controls can be realized using only one remote controller.



Various energy saving control

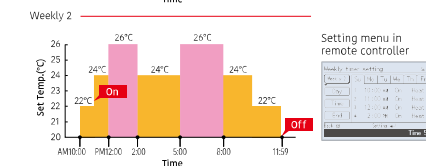
Weekly Timer function

- Can be set up to 8 times per day (On/Off, mode, Temp)
- 2 pattern settings (i.e. Summer/ Winter setting) are available.



Auto OFF Timer

- Set Temperature Auto Return
- Set Temperature Upper and Lower Limit Setting



Specifications

Model name	UTY-RVNGM
Power Source	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 21.3
Weight (g)	220

DC 12 V is supplied by the indoor unit.

Split Control System List-INVERTER

Country		★ for Vietnam			Common models											
Type		Wall Mounted			Wall Mounted			Compact Cassette	Circular Flow Cassette	Ceiling	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct		Big Duct	
Model name		ASGH 09/12CPTB-V	ASGG 09/12/18/24 CPTA-V	ASGG09LLTB-V ASGG12LLTA-V	ASGG 18/24/30/36 CETA-B	ASHH09/12KLTA	ASGH 18/24KMTA-R	ASGG 18/24KJTA-B	AUXG18KVLA AUXG24KVLA	AUXG 18/24/30/36/45/54 KRLB	ABHG 18/24/30/36/45/54 KRTA	ARXG18KLLAP	ARXG 24/30/36/45 KMLA	ARXG45/54KHTB	ARHG60LHTA	ARHG72/90LHTA
																
Controllers	Wired Remote Controller															
					● UTY-RNRGZ5+ UTY-TWRXZ2		● UTY-RNRGZ5	● UTY-RNRGZ5+ UTY-TWRXZ2	● UTY-RNRGZ5	● UTY-RNRGZ5	● UTY-RNRGZ5	● UTY-RNRGZ5	● UTY-RNRGZ5	● UTY-RNRGZ5	● UTY-RNRGZ5	● UTY-RNRGZ5
					● UTY-RLRG+ UTY-TWRXZ2		● UTY-RLRG	● UTY-RLRG+ UTY-TWRXZ2	● UTY-RLRG	● UTY-RLRG	● UTY-RLRG	● UTY-RLRG	● UTY-RLRG	● UTY-RLRG	● UTY-RLRG	● UTY-RLRG
									● UTY-RVNGM	● UTY-RVNGM		● UTY-RVNGM	● UTY-RVNGM		● UTY-RVNGM	● UTY-RVNGM
									● UTY-RNNGM	● UTY-RNNGM		● UTY-RNNGM	● UTY-RNNGM		● UTY-RNNGM	● UTY-RNNGM
	Compact Wired Remote Controller						● UTY-RCRGZ1 UTY-RCRGZ1K		● UTY-RCRGZ1 UTY-RCRGZ1K	● UTY-RCRGZ1 UTY-RCRGZ1K	● UTY-RCRGZ1 UTY-RCRGZ1K	● UTY-RCRGZ1 UTY-RCRGZ1K	● UTY-RCRGZ1 UTY-RCRGZ1K	● UTY-RCRGZ1 UTY-RCRGZ1K	● UTY-RCRGZ1 UTY-RCRGZ1K	● UTY-RCRGZ1 UTY-RCRGZ1K
	Simple Remote Controller	 2-wire type 3-wire type			● UTY-RSRG, UTY-RHRG+ UTY-TWRXZ2		● UTY-RSRG UTY-RHRG	● UTY-RSRG, UTY-RHRG+ UTY-TWRXZ2	● UTY-RSRG UTY-RHRG UTY-RSNGM	● UTY-RSRG UTY-RHRG UTY-RSNGM	● UTY-RSRG UTY-RHRG	● UTY-RSRG UTY-RHRG UTY-RSNGM	● UTY-RSRG UTY-RHRG UTY-RSNGM	● UTY-RSRG UTY-RHRG	● UTY-RSRG UTY-RHRG UTY-RSNGM	● UTY-RSRG UTY-RHRG UTY-RSNGM
	Wireless remote controller								● UTY-LNTG							
	IR Receiver Kit	 For Cassette								● UTY-LBTGC						
		 For Duct										● UTY-LBTGM	● UTY-LBTGM	● UTY-LBTGM	● UTY-LRHGM	● UTY-LBTGM UTY-LRHGM
		 For Ceiling									● UTY-LBTGH					
Interface	MODBUS™ Converter						● UTY-VMSX		● UTY-VMSX	● UTY-VMSX	● UTY-VMSX	● UTY-VMSX	● UTY-VMSX	● UTY-VMSX		● UTY-VMSX
	KNX® Converter						● UTY-VKSX		● UTY-VKSX	● UTY-VKSX	● UTY-VKSX	● UTY-VKSX	● UTY-VKSX	● UTY-VKSX		● UTY-VKSX
	Wireless LAN Adapter				● UTY-TFSXF3	● UTY-TFSXF3	● UTY-TFSXF3	● UTY-TFSXF3	● UTY-TFSXZ2	● UTY-TFSXZ2	● UTY-TFSXZ2	● UTY-TFSXZ2	● UTY-TFSXZ2	● UTY-TFSXZ2	● UTY-TFNKZ3	● UTY-TFSXZ2
	External switch controller						● UTY-TERX		● UTY-TERX	● UTY-TERX	● UTY-TERX	● UTY-TERX	● UTY-TERX	● UTY-TERX	● UTY-TERX	● UTY-TERX
	Network Converter for Single Split	 DC Power Supply Type AC Power Supply Type					● UTY-VTGX UTY-VTGXV		● UTY-VTGX UTY-VTGXV	● UTY-VTGX UTY-VTGXV	● UTY-VTGX UTY-VTGXV	● UTY-VTGX UTY-VTGXV	● UTY-VTGX UTY-VTGXV	● UTY-VTGX UTY-VTGXV	● UTY-VTGX UTY-VTGXV	● UTY-VTGX UTY-VTGXV

Multi-Split Control System List-INVERTER

			Indoor Units for 2-unit, 3-unit, 4-unit, 5-unit Multi-split				Indoor Units for 2-unit, 3-unit, 4-unit, 5-unit Multi-split			
Type	Wall Mounted			Cassette			Duct			
Series	Designer Series		Standard Series		Compact 4-way Flow Grid type Series		Mini (With drain pump)	Slim (With drain pump)	Medium Static Pressure	
Model name	ASHG07/09/12/14KETE	ASHG07/09/12/14KETE ASHG07/09/12/14KETE-B	ASHG07/09/12/14KMCE	ASHG18/22/24KMTE	AUXG 07/09/12/14/18/22 KVLA		ARXG 07/09/12/14/18 KSLAP	ARXG 07/09/12/14/18 KLLAP	ARXG22KMLB	
Controllers	Wired Remote Controller									
			UTY-RNRGZ5+UTY-TWRXZ2	UTY-RNRGZ5+UTY-TWRXZ2	UTY-RNRGZ5+UTY-TWRXZ2	UTY-RNRGZ5	UTY-RNRGZ5	UTY-RNRGZ5	UTY-RNRGZ5	
			UTY-RLRG+UTY-TWRXZ2	UTY-RLRG+UTY-TWRXZ2	UTY-RLRG+UTY-TWRXZ2	UTY-RLRG	UTY-RLRG	UTY-RLRG	UTY-RLRG	
						UTY-RVNGM	UTY-RVNGM	UTY-RVNGM	UTY-RVNGM	
						UTY-RNNGM	UTY-RNNGM	UTY-RNNGM	UTY-RNNGM	
	Compact Wired Remote Controller		UTY-RCRGZ1+UTY-TWRXZ2 UTY-RCRGZ1K+UTY-TWRXZ2	UTY-RCRGZ1+UTY-TWRXZ2 UTY-RCRGZ1K+UTY-TWRXZ2	UTY-RCRGZ1+UTY-TWRXZ2 UTY-RCRGZ1K+UTY-TWRXZ2	UTY-RCRGZ1 UTY-RCRGZ1K	UTY-RCRGZ1 UTY-RCRGZ1K	UTY-RCRGZ1 UTY-RCRGZ1K	UTY-RCRGZ1 UTY-RCRGZ1K	
	Simple Remote Controller	 2-wire type 3-wire type	UTY-RSRG+UTY-TWRXZ2 UTY-RHRG+UTY-TWRXZ2	UTY-RSRG+UTY-TWRXZ2 UTY-RHRG+UTY-TWRXZ2	UTY-RSRG+UTY-TWRXZ2 UTY-RHRG+UTY-TWRXZ2	UTY-RSRG UTY-RHRG UTY-RSNGM	UTY-RSRG UTY-RHRG UTY-RSNGM	UTY-RSRG UTY-RHRG UTY-RSNGM	UTY-RSRG UTY-RHRG UTY-RSNGM	
	Wireless remote controller					UTY-LNTG				
	IR Receiver Kit	 For Duct					UTY-LBTGM	UTY-LBTGM	UTY-LBTGM	
Interface	MODBUS™ Converter		UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	
	KNX® Converter		UTY-VKSX	UTY-VKSX	UTY-VKSX	UTY-VKSX	UTY-VKSX	UTY-VKSX	UTY-VKSX	
	Wireless LAN Adapter		UTY-TFSXF3	UTY-TFSXF3	UTY-TFSXF3	UTY-TFSXF3				
						UTY-TFSXZ2	UTY-TFSXZ2	UTY-TFSXZ2	UTY-TFSXZ2	
	External switch controller		UTY-TERX+UTY-TWRXZ2	UTY-TERX+UTY-TWRXZ2	UTY-TERX+UTY-TWRXZ2	UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX	
	Network Converter for Single Split	 DC Power Supply Type AC Power Supply Type	UTY-VTGX+UTY-TWRXZ2 or UTY-VTGXV+UTY-TWRXZ2	UTY-VTGX+UTY-TWRXZ2 or UTY-VTGXV+UTY-TWRXZ2	UTY-VTGX+UTY-TWRXZ2 or UTY-VTGXV+UTY-TWRXZ2	UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV	UTY-VTGX UTY-VTGXV	

Silver Ion Filter II

UTR-FA16-7 / UTR-FA16-8

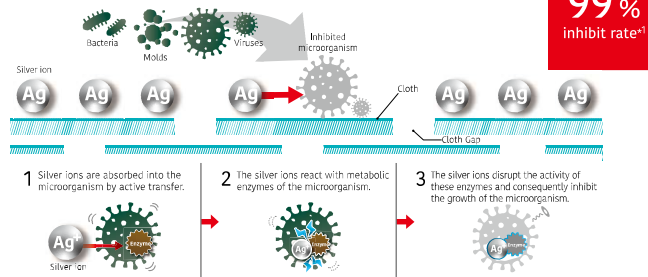


The Silver ion filter helps to keep indoor air free from viruses, bacteria and molds.

(Not a result of experiments in an actual use environment. Silver ion filter inhibits activity or growth of microorganism, but do not prevent infection.)

The silver ion filter inhibits the activities of viruses*1, bacteria*2 and molds*3 trapped on the filter.

(Only effective when the microorganism is trapped on the filter with dust or droplet)



*1 [Testing organization] Kitasato Research Center for Environmental Science [Test Report] No. 2020_0408 [Test virus] Escherichia coli phage Qbeta NBRC 20012 (1 type) [Test Method] Based on the antiviral test method for textile products (JIS L 1922) [Test results] Inhibited by at least 99% in 24 hours. Not tested to prevent transmission of SARS-CoV-2.

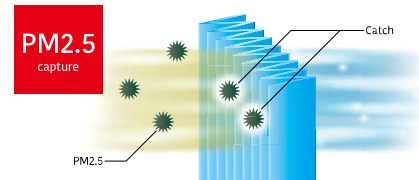
*2 [Testing organization] Kitasato Research Center for Environmental Science [Test Report] No. 2020_0409 [Test bacteria] Escherichia coli NBRC 3972 (1 type) [Test Method] Based on the determination of antibacterial activity and efficacy of textile products (JIS L 1902) [Test results] The growth of the test bacteria was inhibited by 24 hours testing

*3 [Testing organization] Kitasato Research Center for Environmental Science [Test Report] No. 2020_0410 [Test fungi] Aspergillus Niger NBRC 105649 and other fungi (3 types) [Test Method] Based on the test for fungus resistance (JIS Z 2911) [Test results] The growth of the fungus was inhibited by 28 days testing

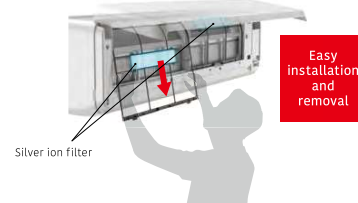
Catch up PM2.5

The silver ion filter II cleans the air firmly catching the particle of 0.3 ~ 2.5 μm*4.

*4 PM2.5 is a general term for micro particulate matter less than 2.5 μm.



Easy installation and removal



Specifications

Model name		UTR-FA16-7	UTR-FA16-8
Net Dimension (H × W × D)	mm	35 × 210 × 5	51 × 364 × 5
Quantity		2	2

Auto Louver Grille Kit

UTD-GXTA-W / UTD-GXTB-W

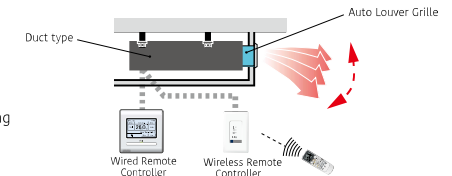


Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.

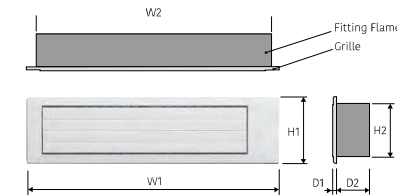


Flexible Control

- **Operation with indoor unit**
Auto Louver can be operated by synchronizing remote controller of indoor unit.
- UP and Down auto swing
- Auto airflow direction and auto swing
- 4 steps selectable
- **Auto-closing louver**
When operation of indoor unit is stopped, the louver will automatically close.



Dimensions



Model Name	W1	W2	H1	H2	D1	D2
UTD-GXTA-W	683	645	180	148	9	84
UTD-GXTB-W	883	845	180	148	9	84

Unit:mm

Specifications

Model name		UTD-GXTA-W		UTD-GXTB-W	
Applicable Indoor Unit		ARXG07/09/12/14KSLAP ARXG07/09/12/14KLLAP		ARXG18KLLAP ARXG18KSLAP	
Power Supply		Connecting with Control box of indoor unit			
Fixing of Auto Louver Grille		Screw fixing to Flange or Square Duct			
Extension Square Duct Limit		1.0m (Max. duct length between indoor unit and Grille)			
Net Dimension (H × W × D)		mm	180 × 683 × (84 + 9)		180 × 883 × (84 + 9)
Weight	Net	kg (lbs)	2.0 (4.4)		2.5 (5.6)
	Gross		3.0 (6.7)		3.5 (7.8)
Color		White			
Louver Motor		Stepping Motor			
Accessories		Fitting Flame, etc.			
Operation range	Cooling	°C	18 to 32		
		% RH	80% or less		
	Heating	°C	16 to 30		

Split Optional Parts List-INVERTER

Country		★ for Vietnam			Common models											
Type		Wall Mounted			Wall Mounted			Compact Cassette	Circular Flow Cassette	Ceiling	Slim Duct	Medium Static Pressure Duct	High Static Pressure Duct		Big Duct	
Model name		ASGH 09/12CPTB-V	ASGG 09/12/18/24 CPTA-V	ASGG09LLTB-V ASGG12LLTA-V	ASGG 18/24/30/36 CETA-B	ASHH09/12KLTA	ASGH 18/24KMTA-R	ASGG 18/24KJTA-B	AUXG18KVLA AUXG24KVLA	AUXG 18/24/30/36/45/54 KRLB	ABHG 18/24/30/36/45/54 KRTA	ARXG18KLLAP	ARXG 24/30/36/45 KMLA	ARXG45/54KHTB	ARHG60LHTA	ARHG72/90LHTA
																
Others	Human sensor kit									● UTY-SHZXC						
	Remote Sensor Unit											● UTY-XSZXZ1	● UTY-XSZXZ1	● UTY-XSZXZ1	● UTY-XSZXZ1	● UTY-XSZXZ1
	Cassette Grille								● UTG-UFQF-W	● UTG-UKGA-B UTG-UKGA-W UTG-UKGC-W						
	Auto Louver Grille Kit											● UTD-GXTB-W				
	Flange												● UTD-RF204 UTD-SF045T			
	Drain Pump Unit										● UTR-DPB24T		● UTZ-PXINBA			● UTZ-PXINAB
	Wide Panel / Additional Grille									● UTG-AKXA-W						
	Panel Spacer									● UTG-BKXA-W						
	Fresh Air Intake Kit								● UTZ-VXAA	● UTZ-VXRA						
	Air Outlet Shutter Plate								● UTR-YDZB	● UTR-YDZK						
	Insulation Kit For High Humidity								● UTZ-KXGC	● UTZ-KXRA						
	Silver ion filter II (PM2.5+Anti Virus)		● Accessory	● UTR-FA16-7	● UTR-FA16-8	● UTR-FA16-7	● Accessory	● UTR-FA16-7								
	PM2.5 filter		● UTR-FA16-4	● Accessory	● Accessory		● Accessory									
External Connect Kit / Communication Kit	Long-life filter												● UTD-LF25NA	● UTD-LF60KA		● UTD-LFKA
	Remote controller holder			● UTZ-RXLA												
	L-type piping kit										● UTP-FX24A (18/24) UTP-FX35A (30/36/45/54)					
	Communication Kit				● UTY-TWRXZ2		● UTY-TWRXZ2	● UTY-TWRXZ2			● UTY-TWRXZ3					
	External input and output PCB				● UTY-XCSXZ2		● UTY-XCSXZ2	● UTY-XCSXZ2	● UTY-XCSX	● UTY-XCSX	● UTY-XCSX		● UTY-XCSX			● UTY-XCSX
	External input and output PCB Box								● UTZ-GKRA	● UTZ-GKRA	● UTZ-GKEA		● UTZ-GKEA			
	External Connect Kit (For indoor)				● UTY-XWZXZ5		● UTY-XWZXZ5 UTY-XWZX	● UTY-XWZXZ5	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG	● UTY-XWZXZG
	External Connect Kit (For outdoor)								● UTY-XWZXZ3 (30/36/45/54)	● UTY-XWZXZ3 (30/36/45/54)	● UTY-XWZXZ3 (30/36/45/54)		● UTY-XWZXZ3 (30/36/45/54)	● UTY-XWZXZ3	● UTY-XWZXZ2	● UTY-XWZXZ3
	External Control Set													● UTD-EC55A		

Multi-Split Optional Parts List-INVERTER

			Indoor Units for 2-unit, 3-unit, 4-unit, 5-unit Multi-split					Indoor Units for 2-unit, 3-unit, 4-unit, 5-unit Multi-split		
Type	Wall Mounted					Cassette		Duct		
Series	Designer Series		Standard Series		Compact 4-way Flow Grid type Series		Mini (With drain pump)	Slim (With drain pump)	Medium Static Pressure	
Model name	ASHG07/09/12/14KGTE	ASHG07/09/12/14KETE ASHG07/09/12/14KETE-B	ASHG07/09/12/14KMCE	ASHG18/22/24KMTE	AUXG 07/09/12/14/18/22 KVLA		ARXG 07/09/12/14/18 KSLAP	ARXG 07/09/12/14/18 KLLAP	ARXG22KMLB	
Others	Remote Sensor Unit						• UTY-XSZXZ1	• UTY-XSZXZ1	• UTY-XSZXZ1	
	Cassette Grille					• UTG-UFGF-W				
	Auto Louver Grille Kit						• UTD-GXTA-W (07/09/12/14) UTD-GXTB-W (18)	• UTD-GXTA-W (07/09/12/14) UTD-GXTB-W (18)		
	Flange								• UTD-RF204 UTD-SF045T	
	Drain Pump Unit								• UTZ-PX1NBA	
	Fresh Air Intake Kit	 For Compact Cassette				• UTZ-VXAA				
	Air Outlet Shutter Plate	 For Compact Cassette				• UTR-YDZB				
	Insulation Kit For High Humidity	 For Compact Cassette				• UTZ-KXGC				
	Silver ion filter II (PM2.5+Anti virus)		• UTR-FA16-7	• UTR-FA16-7	• UTR-FA16-7	• UTR-FA16-7				
	Long-life filter								• UTD-LF25NA	
External Connect Kit / Communication Kit	Communication Kit		• UTY-TWRXZ2	• UTY-TWRXZ2	• UTY-TWRXZ2	• UTY-TWRXZ2				
	External input and output PCB		• UTY-XCSXZ2	• UTY-XCSXZ2	• UTY-XCSXZ2	• UTY-XCSXZ2	• UTY-XCSX			
	External Connect Kit (For indoor)		• UTY-XWZX UTY-XWZXZ5	• UTY-XWZX UTY-XWZXZ5	• UTY-XWZX UTY-XWZXZ5	• UTY-XWZX UTY-XWZXZ5	• UTY-XWZXZG	• UTY-XWZXZG	• UTY-XWZXZG	• UTY-XWZXZG

Quick service & maintenance



Easy maintenance & monitoring

Error diagnosis by Service tool

Connect Service tool to check the status details of units, from single split to VRF, on a computer screen.
Check the errors quickly for prompt countermeasures.

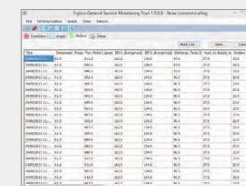
- Operating status/control
- Monitoring operating conditions
- Monitoring sensor data
- Indicating trend graphs
- Error history



Service monitoring tool



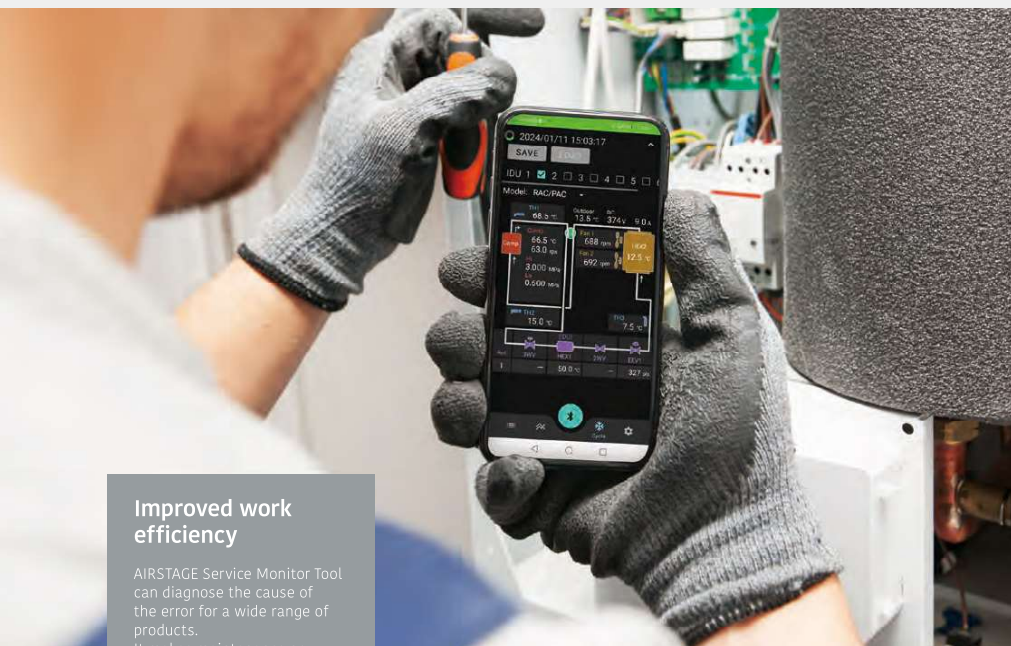
- A quick overview of the temperature sensor readings and the electronic expansion valves (EEVs), fans, compressors and other control components
- It is not always easy to read the temperature sensor and know the status of the control components. So let the Service monitoring tool judge them.
- Visualizes protected operations
- Troubleshoots intermittent problems effectively
- Provides proof of normal operation to customers during periodical maintenance



Model name	UTY-ASSX
Dimensions (H × W × D) (mm)	60 × 160 × 160
Weight (g)	500

AIRSTAGE Service Monitor Tool

UTY-ASSXZ1



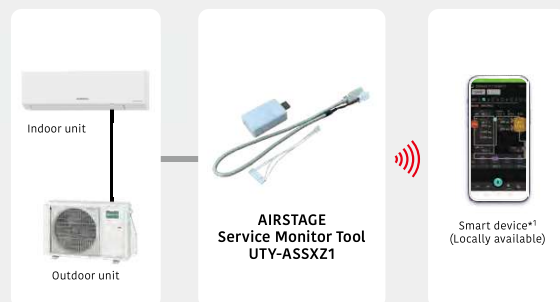
Improved work efficiency

AIRSTAGE Service Monitor Tool can diagnose the cause of the error for a wide range of products. It makes maintenance or service support faster and can also reduce the number of visits and maintenance costs.

*The values in the pictures are examples.

Bluetooth communication

AIRSTAGE Service Monitor Tool can diagnose by the smart device*1 and reduce the working time compared with diagnosis by PC. No need to connect a PC makes diagnosis easier even in narrow spaces.



*1 Android only.
You need to install the "AIRSTAGE Service Monitor Tool" app on your smart device.

Compact and lightweight design

New model is easy to carry by compact and lightweight design. The service personnel can visit the maintenance site with small luggage.



New application with simple design

New application for smart devices has been released. The stylish design makes the application easy to use for everyone.



AIRSTAGE Service Monitor Tool



Now available !



Refrigerant cycle diagram display

The operating status can be displayed with a simple, clear diagram*2 on the smart device. It reduces the time for diagnosis and makes diagnosis easier.

It can complement abundant experience and advanced knowledge of refrigerant cycle. This shortens the training time for service personnel.

*2 list and graph displays are also available



*The values in the pictures are examples.

Specifications

Model name	UTY-ASSXZ1
Dimensions (H x W x D) (mm)	20 x 35 x 60 (adapter)
Communication cable (cm)	60
Weight (g)	25 (adapter)
Communication method	Bluetooth 5.3
Max. communication distance (m)	10*3
Compatible device	Android8.0, IOS17 or later

*3 Depends on the environment

Function List

Model name	UTY-ASSXZ1	UTY-ASSX
Product specification	Outdoor unit PCB	Outdoor unit PCB
Communication	Bluetooth	Wired
Support product type	Split	Split
	Multi-split	Multi-split
	ATW	ATW
	VRF	VRF
Product distinction	Product distinction	Product distinction
Signal-type distinction	Signal-type distinction	Signal-type distinction
Function	Operating status display	Operating status display
	List	List
	Graph	Graph
	Refrigerant cycle diagram	Refrigerant cycle diagram
	New Operating history records	Operating history records
	Adapter firmware update	Adapter firmware update
	Adapter status monitoring	Adapter status monitoring
	Input and output of history data	Input and output of history data

Optional Parts Lineup



Split / Multi-Split Optional Parts Lineup

Controllers

For Individual & Centralized Control

NEW Wired Remote Controller (Design type) UTY-RVRG 	Wired Remote Controller UTY-RNRGZ5 	Wired Remote Controller UTY-RLRG 
Wired Remote Controller UTY-RVNGM 	Compact Wired Remote Controller UTY-RCRGZ1 UTY-RCRGZ1K  	Wired Remote Controller UTY-RNNGM 
Simple Remote Controller UTY-RSRG with operation mode UTY-RHRG without operation mode  	Simple Remote Controller UTY-RSNGM 	Wireless Remote Controller UTY-LNTG 

Others

For Duct type

Remote Sensor Unit UTY-XSZXZ1 New amenity space can be offered by installing the Remote sensor. 	IR Receiver Kit UTY-LRHGM UTY-LBTGM  	Auto Louver Grille Kit UTD-GXTA-W (For 07-14 type) UTD-GXTB-W (For 18 type) 
Long-Life Filter UTD-LF60KA UTD-LFKA  	Flange UTD-RF204 (Round) UTD-SF045T (Square)  	Drain Pump Unit UTZ-PX1N8A / UTZ-PX1N8B 

For Wall Mounted type

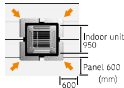
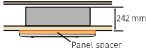
Remote controller holder UTR-RXLA 	Silver ion filter II (PM2.5+Anti virus) UTR-FA16-7 / UTR-FA16-8 	PM2.5 filter UTR-FA16-4 
--	--	--

For Ceiling type

Drain Pump Unit UTR-DPB24T 	IR Receiver unit UTY-LBTGH 	L type piping kit UTP-FX24A (For 18-24 type) UTP-FX35A (For 30-45 type) 
---	---	---

Split / Multi-Split Optional Parts Lineup

Others

For Cassette type		
Remote Sensor Unit UTY-XSZXZ1 New amenity space can be offered by installing the Remote sensor. 	Human sensor kit UTY-SHZXC For Circular Flow Cassette 	IR Receiver Kit UTY-LBTGC 
Cassette Grille UTG-UFGF-W For Compact Cassette 	Cassette Grille UTG-UKGC-W For Circular Flow Cassette 	Cassette Grille (Black panel) UTG-UKGA-B For Circular Flow Cassette 
Cassette Grille (with Remote Controller) UTG-UKGA-W For Circular Flow Cassette 	Wide Panel UTG-AKXA-W 	Panel Spacer UTG-BKXA-W For Circular Flow Cassette 
Fresh Air Intake Kit UTZ-VXAA 	Fresh Air Intake Kit UTZ-VXRA 	Insulation Kit For High Humidity UTZ-KXRA / UTZ-KXGC 
Air Outlet Shutter Plate UTR-YDZB For Compact Cassette Shuts the air outlet when only using as 3 blow out. 	Air Outlet Shutter Plate UTR-YDZK Shuts the air outlet when only using as 3 blow out. 	

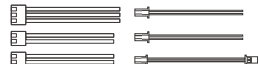
Service & Maintenance

Service Monitoring Tool UTY-ASSX 	AIRSTAGE Service Monitor Tool UTY-ASSXZ1 	
---	---	--

Communication devices

Communication Kit / External input and output PCB / Box		
Communication Kit UTY-TWRXZ2 / UTY-TWRXZ3 	External input and output PCB UTY-XCSXZ2 / UTY-XCSX 	External input and output PCB Box UTZ-GXRA / UTZ-GXEA 

Communication system

External Connect Kit / External Control set		
External Connect Kit For Indoor Unit  UTY-XWZX / UTY-XWZXZG UTY-XWZXZ5	External Control Set For Indoor Unit  UTD-ECSSA	External Connect Kit For Outdoor Unit  UTY-XWZXZ2 / UTY-XWZXZ3

Converters / Adaptors

External device		
Wireless LAN Adapter UTY-TFNXZ3 UTY-TFSXZ2  UTY-TFSXF3	Modbus Converter UTY-VMSX 	KNX Converter UTY-VKXS 
External Switch controller UTY-TERX 	Network converter UTY-VTGX DC Power Supply Type UTY-VTGXV AC Power Supply Type 	

Function list

Type		For Indoor unit			For Outdoor unit		
Model name		UTY-XWZX	UTY-XWZXZ5	UTD-ECSSA	UTY-XWZXZ2	UTY-XWZXZ3	UTY-XWZXZ4
Input	Control	●	●	●	—	—	—
	Peak cut	—	—	—	●	●	—
	Low noise	—	—	—	●	●	—
	Priority	—	—	—	—	●	—
	Emergency stop	—	—	—	—	●	—
Output	Operation status	●	●	●	●	●	—
	Error status	—	●	● ^{*1}	●	●	—
	Fresh air control	—	—	● ^{*2}	—	—	—
	Auxiliary heater	—	—	● ^{*3}	—	—	—
	Preparation	—	—	● ^{*4}	—	—	—
	Base heater	—	—	—	—	—	●
		—	—	—	—	—	—

* 1: This function has been had only wall mounted model such as LT, LU, and LM.

* 2: This function has been had only ducted model, cassette model, and ceiling mode.

* 3: This function has been had only ducted model.

* 4: This cable is necessary for some ducted model.