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.

Wired remote controller (with touch panel)
UTY-RNRGZ5

Up to
16 indoor units

Up to
1 group

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

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.

Individual control + Thermo sensor + Weekly timer + Auto-off timer →

Accurate control for comfort

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

Room temperature display

Room temperature sensor
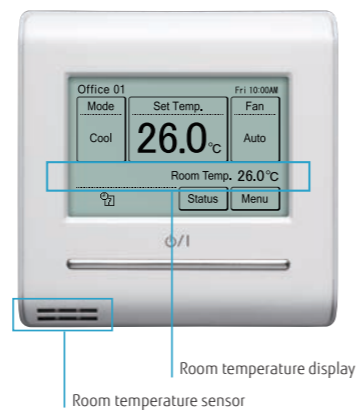
Energy saving controls

Custom Auto
- Maintains 2 separate setpoints for heating and cooling operations.
- Automatically switches between heating and cooling modes.
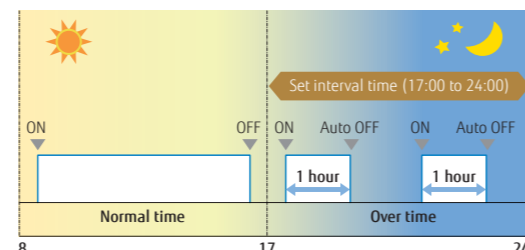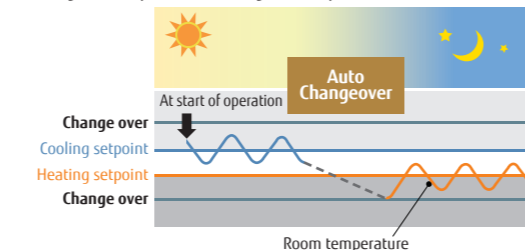
* Not available for some models

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℃, Heating set temp. 26℃

Auto Changeover

At start of operation

Change over
Cooling setpoint
Heating setpoint
Change over

Room temperature

Set interval time (17:00 to 24:00)

ON   OFF ON   Auto OFF   ON   Auto OFF
1 hour   1 hour
Normal time   Over time
8   17   24

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

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: ASH**H**30KMTB

Display screen example
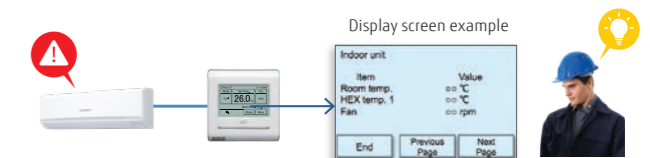
Multi System Control*1

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.

COOLING → STANDBY → COOLING
STANDBY   COOLING   STANDBY
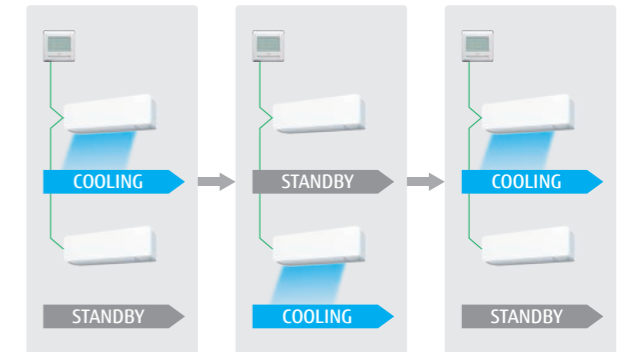
2) Back up operation
In case of unexpected Indoor unit error, other Indoor units will start providing back up operation.

COOLING → STOP → STOP
STANDBY   STANDBY   COOLING / BACK UP OPERATION!
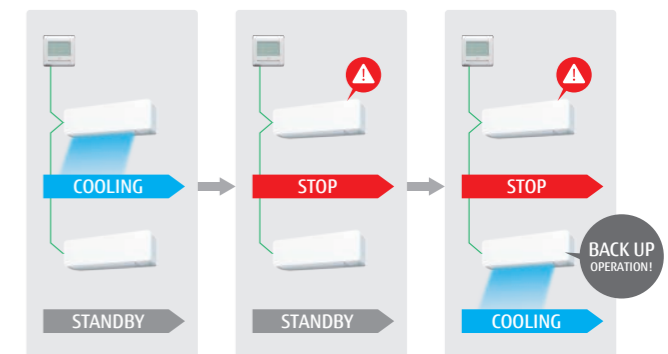
3) Lag Operation
In case of unexpected room temperature rise, other Indoor Units will start providing lag operation.

COOLING → COOLING → COOLING / NOT ENOUGH CAPACITY
STANDBY   STANDBY   COOLING / SUPPORT!
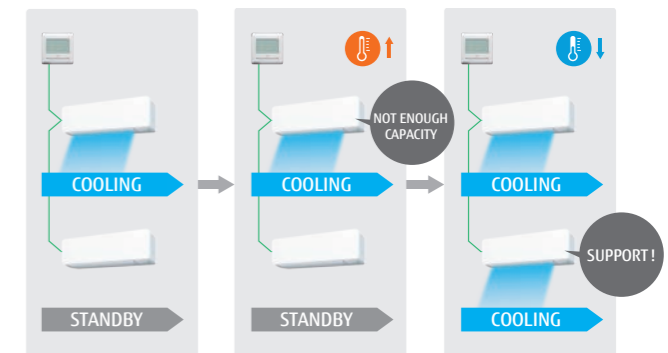
*1: "Lead Lag Setting" is an easy-to-use function for room temperature control when using multiple indoor units, while reducing the burden placed on each indoor unit.
If you wish to make use of this function, ensure you use indoor units equipped with a "Special Cooling" function.
If you use indoor units 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.

PRODUCT CATEGORY:
CONTROL SYSTEM & OPTIONAL PARTS

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

Maximum Controllable
16 indoor units

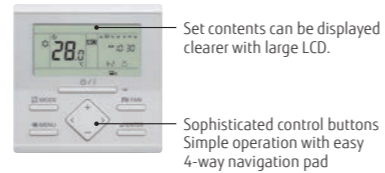Maximum Controllable
1 Group

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.
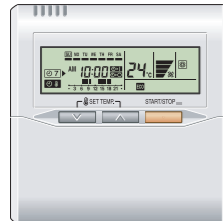
Individual control + Thermo sensor + Weekly timer + Auto off timer →

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.

Set contents can be displayed clearer with large LCD.

Sophisticated control buttons
Simple operation with easy
4-way navigation pad

Wired Remote Controller
UTY-RNNGM

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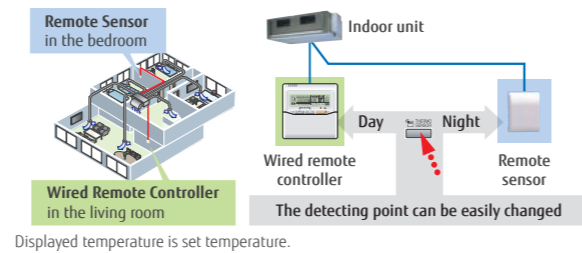• Up to 2 wired remote controllers can be connected to a single indoor unit.

Maximum Controllable
16 indoor units

Maximum Controllable
1 Group

Accurate and comfortable

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

Example of changing sensor

Remote Sensor in the bedroom

Indoor unit

Wired Remote Controller in the living room

Day　Night

Wired remote controller　Remote sensor

The detecting point can be easily changed

Displayed temperature is set temperature.

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.
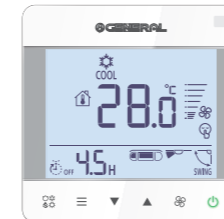At "Weekly timer" + "Set back timer" setup

Specifications

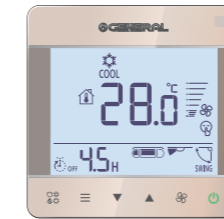| Model name	UTY-RLRG	UTY-RNNGM
Power Source	DC 12 V	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 17	120 × 120 × 18
Weight (g)	170	160

DC 12 V is supplied by the indoor unit.

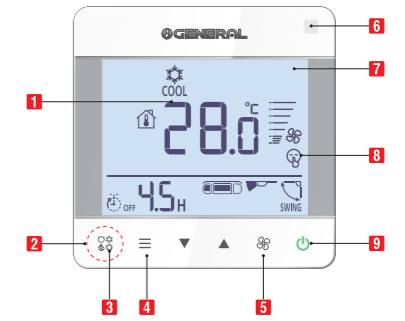# Compact Wired Remote Controller
UTY-RCRGZ1 / UTY-RCRGZ1K

UTY-RCRGZ1

• 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

UTY-RCRGZ1K

Maximum Controllable
1 single indoor unit

Maximum Controllable
1 Group

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 reciever
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)

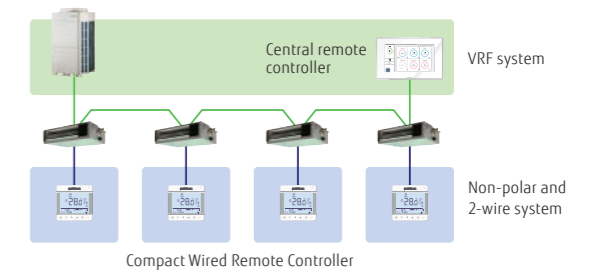## System overview

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

Central remote controller　VRF system

Non-polar and 2-wire system
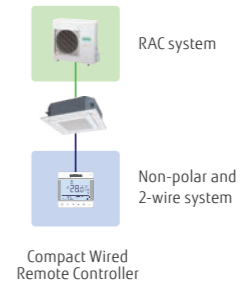
Compact Wired Remote Controller

RAC (Room air conditioner) connection
One indoor unit and one remote controller are connected in one non-polar and 2-wire remote controller system.

RAC system

Non-polar and 2-wire system

Compact Wired Remote Controller

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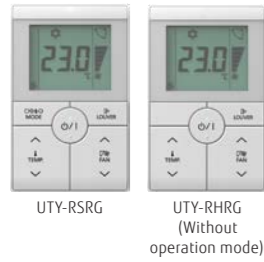
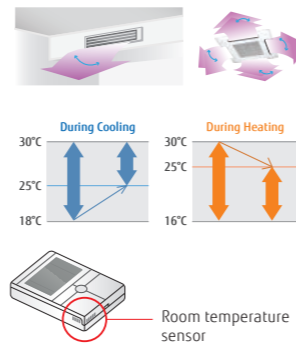UTY-RSRG   UTY-RHRG
(Without operation mode)

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.

During Cooling   During Heating
30℃   30℃
25℃   25℃
18℃   16℃

Room temperature sensor

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

Maximum Controllable
16 indoor units
Maximum Controllable
1 Group

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.
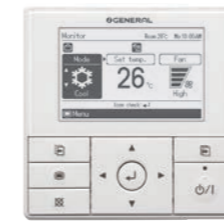
Specifications

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)

Maximum Controllable
16 indoor units
Maximum Controllable
1 Group

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.

Icon display (weekly time)
Set temperature
Control guide display
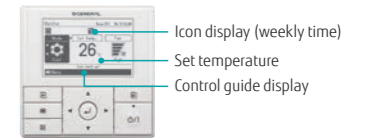
High performance and compact size

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

Individual control + Thermo sensor + Weekly timer + Auto off timer →

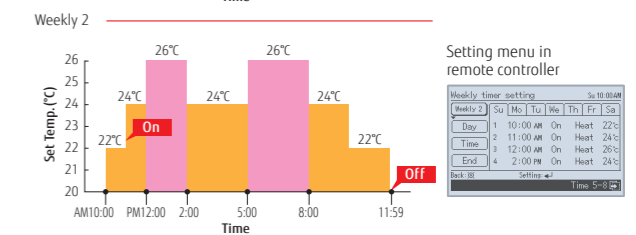## Various energy saving control

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.
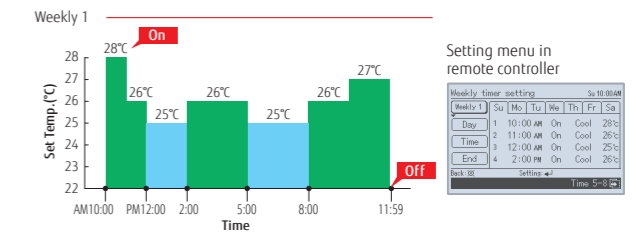
Auto OFF Timer
• Set Temperature Auto Return
• Set Temperature Upper and Lower Limit Setting

Weekly 1
On
28℃ 26℃ 25℃ 26℃ 25℃ 26℃ 27℃
Set Temp. (℃)
28 27 26 25 24 23 22
Off
AM10:00 PM12:00 2:00 5:00 8:00 11:59
Time
Setting menu in remote controller

Weekly 2
26℃ 26℃
24℃ 24℃ 24℃
22℃ On 22℃
Set Temp. (℃)
26 25 24 23 22 21 20
Off
AM10:00 PM12:00 2:00 5:00 8:00 11:59
Time
Setting menu in remote controller

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

R32 REFRIGERANT / R410A REFRIGERANT

Country		for Vietnam			Common models				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 No.		ASGH09/12CPTB-V	ASGG 09/12/18/24 CPTA-V	ASGG09LLTB-V ASGG12LLTA-V	ASGG 18/24/30/36 CETA-B	ASHH09/12KLTA	ASGH18/24KMTA-R	ASGG18/24KJTA-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
Refrigerant		R32	R32	R410A	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R410A	R410A
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-RLRG+ UTY-TWRXZ2		UTY-RLRG	UTY-RLRG+ UTY-TWRXZ2	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
Simple Remote Controller (2-wire type / 3-wire type)					UUTY-RSRG, UUTY-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-RSNGM		UTY-RSRG UTY-RHRG UTY-RSNGM
Wireless remote controller									UTY-LNTG							
IR Receiver Kit — For Cassette										UTY-LBTGC						
IR Receiver Kit — For Duct												UTY-LBTGM	UTY-LBTGM	UTY-LBTGM	UTY-LRHGM	UTY-LBTGM UTY-LRHGM
IR Receiver Kit — For Ceiling											UTY-LBTGH					
Interface — MODBUS™ Convertor							UTY-VMSX		UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX		UTY-VMSX
KNX® Convertor							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-TFNXZ3	UTY-TFSXZ2
External switch controller							UTY-TERX		UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX
Network Convertor 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 No.		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
Controllers	Wired Remote Controller	UTY-RNRGZ5+UTY-TWRXZ2	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-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-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-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™ Convertor	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX	UTY-VMSX
	KNX® Convertor	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
	External switch controller	UTY-TERX+UTY-TWRXZ2	UTY-TERX+UTY-TWRXZ2	UTY-TERX+UTY-TWRXZ2	UTY-TERX+UTY-TWRXZ2	UTY-TERX	UTY-TERX	UTY-TERX	UTY-TERX
	Network Convertor 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-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
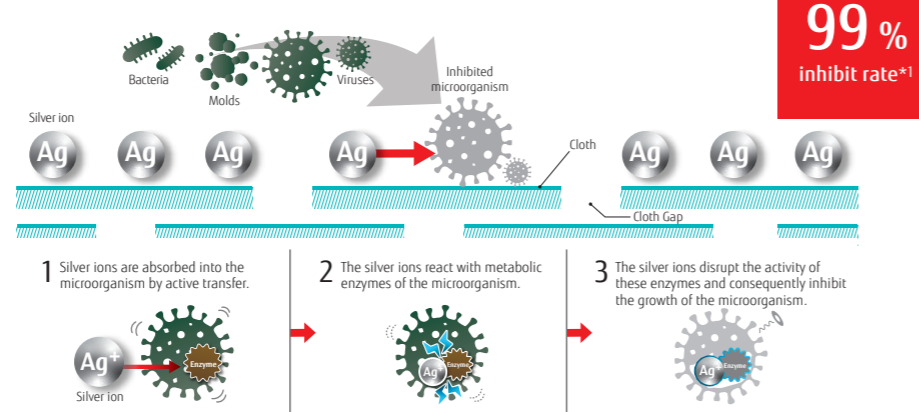**UTR-FA16-7 / UTR-FA16-8**

NEW

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)

99 %
inhibit rate*1

Bacteria   Molds   Viruses   Inhibited microorganism

Silver ion

Ag Ag Ag   Ag   Ag Ag Ag

Cloth

Cloth Gap

1 Silver ions are absorbed into the microorganism by active transfer.

2 The silver ions react with metabolic enzymes of the microorganism.

3 The silver ions disrupt the activity of these enzymes and consequently inhibit the growth of the microorganism.

Ag⁺ Silver ion

*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
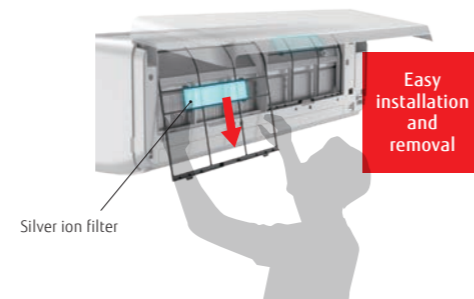
Catch up PM2.5

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.

PM2.5 capture

Catch

PM2.5

Easy installation and removal
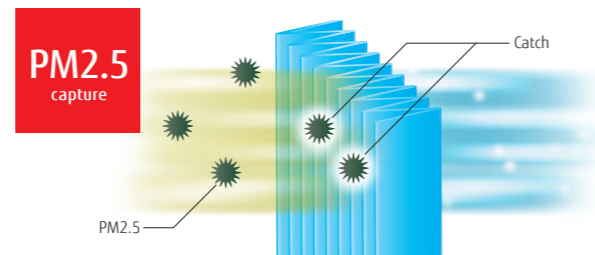
Easy installation and removal

Silver ion filter

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.

Closed louver   Opened louver

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.

Duct type

Auto Louver Grille

Wired Remote Controller   Wireless Remote Controller

Dimensions

W2

Fitting Flame

Grille

H1

H2

W1
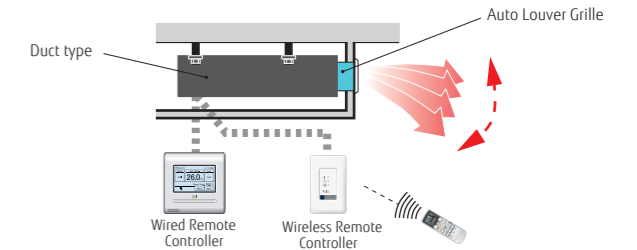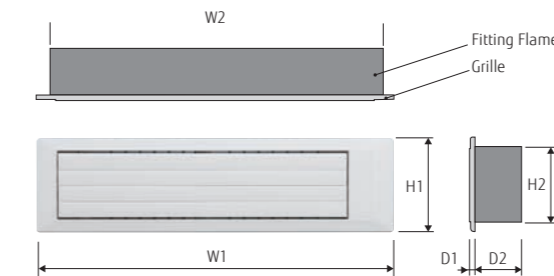
D1 D2

Unit:mm

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

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)
Weight Gross kg (lbs)	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	
Operation range Cooling % RH	80% or less	
Operation range Heating °C	16 to 30	

Split Optional Parts List–INVERTER

R32 REFRIGERANT / R410A REFRIGERANT

		for Vietnam			Common models										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 No.		ASGH09/12CPTB-V	ASGG 09/12/18/24 CPTA-V	ASGG09LLTB-V ASGG12LLTA-V	ASGG 18/24/30/36 CETA-B	ASHH09/12KLTA	ASGH18/24KMTA-R	ASGG18/24KJTA-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-UFGF-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-PX1NBA				● UTZ-PX1NAB
	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									
	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)						
External Connect Kit / Communication Kit	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-GXRA	● UTZ-GXRA	● UTZ-GXEA				● UTZ-GXEA	
	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
	External Connect Kit (For outdoor)									● UTY-XWZXZ3 (30/36/45/54)	● UTY-XWZXZ3 (30/36/45/54)		● UTY-XWZXZ3 (30/36/45)	● UTY-XWZXZ3	● UTY-XWZXZ2	● UTY-XWZXZ3	
	External Control Set													● UTD-ECS5A			

PRODUCT CATEGORY: CONTROL SYSTEM & OPTIONAL PARTS

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 No.		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					● UTZ-VXAA			
	Air Outlet Shutter Plate					● UTR-YDZB			
	Insulation Kit For High Humidity					● 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

PRODUCT CATEGORY:
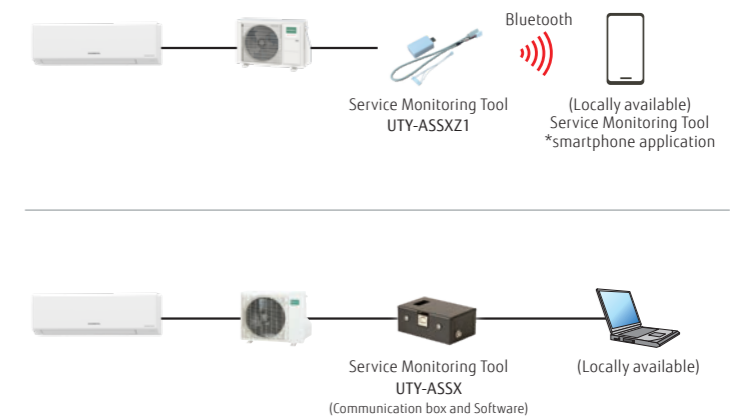CONTROL SYSTEM & OPTIONAL PARTS

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

Bluetooth

Service Monitoring Tool
UTY-ASSXZ1

(Locally available)
Service Monitoring Tool
*smartphone application

Service Monitoring Tool
UTY-ASSX
(Communication box and Software)

(Locally available)

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

Actual operating conditions

Graphs
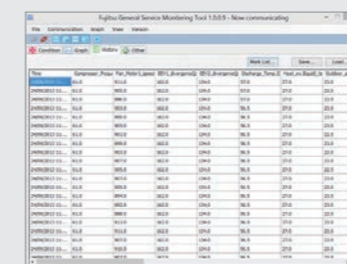
Operational histories

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

NEW AIRSTAGE Service Monitor Tool

UTY-ASSXZ1

**The values in the pictures are examples.*

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.

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.

Indoor unit

Outdoor unit

NEW

AIRSTAGE Service Monitor Tool UTY-ASSXZ1

Smart device*[1] (Locally available)
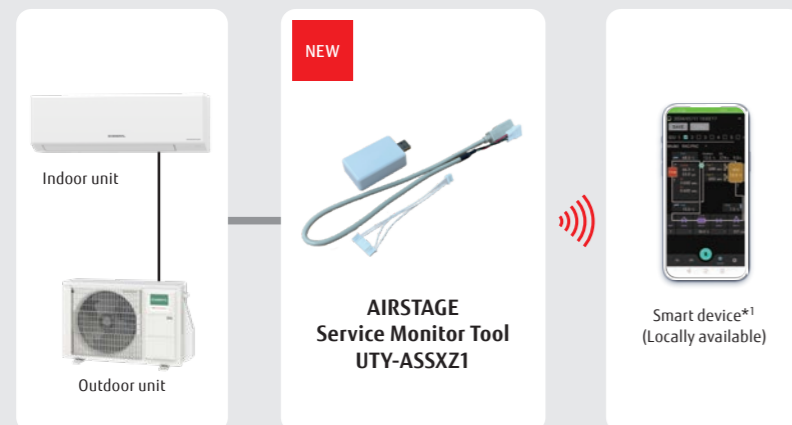
**1 Android only.
    You need to install the "AIRSTAGE Service Monitor Tool" app on your smart device.*

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*[2]

Refrigerant cycle diagram display

The operating status can be displayed with a simple, clear diagram*[3] 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.

*3 list and graph displays are also available

**2 Available on Google Play™ store.
    Public countries in Asia: Singapore, India, Thailand, Taiwan*
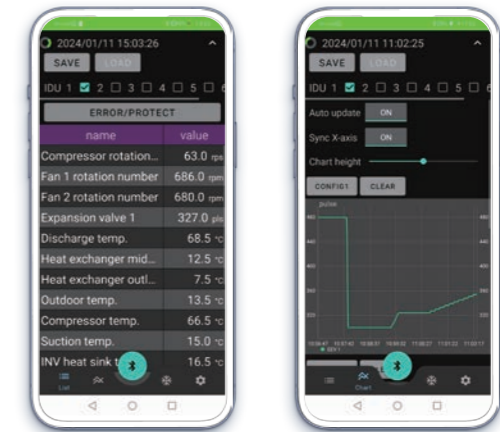
*The values in the pictures are examples.

Specifications
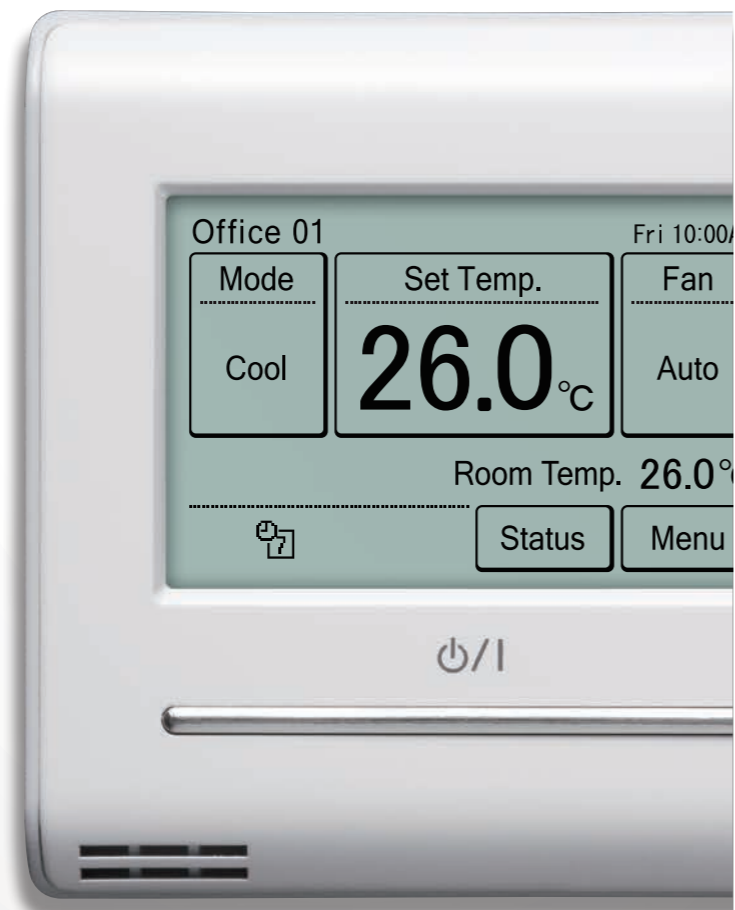
	UTY-ASSXZ1
Dimensions (H x W x D) (mm)	20 x 35 x 60 (adapter)
Communication cable (cm)	60
Weight (g)	25 (adapter)
Communication method	Bluetooth 5.3
Max. communication distance (m)	10*[4]
Compatible device	Android8.0 or above

*4 Depends on the environment

Function List

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

PRODUCT CATEGORY:
CONTROL SYSTEM & OPTIONAL PARTS

Optional Parts Lineup

Office 01   Fri 10:00A

Mode	Set Temp.	Fan
Cool	**26.0**°C	Auto

Room Temp. 26.0°C

Status | Menu

Split / Multi-Split Optional Parts Lineup

Controllers

For Individual & Centralized Control

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-LF25NA   UTD-LFKA
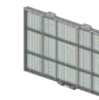
Flange UTD-RF204 (Round)   UTD-SF045T (Square)

Drain Pump Unit UTZ-PX1NBA / UTZ-PX1NAB

For Wall Mounted type

Remote controller holder UTZ-RXLA

Silver ion filter II (PM2.5+Anti virus) UTR-FA16-7 / UTR-FA16-8

NEW 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)
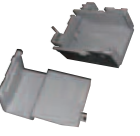
Split / Multi-Split Optional Parts Lineup

Others

For Cassette type

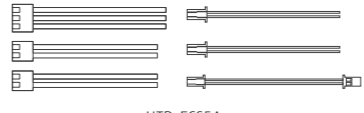| Remote Sensor Unit UTY-XSZXZ1	Human sensor kit UTY-SHZXC For Circular Flow Cassette	IR Receiver Kit UTY-LBTGC
New amenity space can be offered by installing the Remote sensor.		
Cassette Grille UTG-UFGF-W For Compact Cassette	Cassette Grille UTG-UKGC-W For Circular Flow Cassette	Cassette Grille (Black 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 Cssette
	Indoor unit 950 Panel 600 600 (mm)	242 mm Panel spacer
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	Air Outlet Shutter Plate UTR-YDZK	
Shuts the air outlet when only using as 3 blow out.	Shuts the air outlet when only using as 3 blow out.	

Service & Maintenance

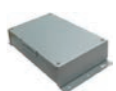| Service Monitoring Tool UTY-ASSX	NEW AIRSTAGE Service Monitor Tool UTY-ASSXZ1	

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	External Control Set For Indoor Unit	External Connect Kit For Outdoor Unit
UTY-XWZX / UTY-XWZXZG UTY-XWZXZ5	UTD-ECS5A	UTY-XWZXZ2 / UTY-XWZXZ3

Convertors / Adaptors

External device

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

Function list

Type		For Indoor unit			For Outdoor unit		
Model name		UTY-XWZX	UTY-XWZXZ5	UTD-ECS5A	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.