

# Wired Remote Controller (Touch Panel)

UTY-RNRYZ3

SPLITS/MULTI/VRF



## Easy operation by high-definition large STN-LCD touch panel screen

- Easy finger touch operation with LCD panel
- Built-in weekly/daily timer (ON/OFF, Temp., Mode)
- Backlight enables easy operation in a darkened room
- Room temperature display
- Control up to 16 indoor units
- Corresponds to 12 different languages (English, Chinese, French, German, Spanish, Russian, Polish, Italian, Greek, Portuguese, Turkish and Dutch)
- 2-wire type

Max. Controllable  
**16** indoor units

Max. Controllable  
**1** Group

## High performance and compact size

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



### Specifications

Model name	UTY-RNRYZ3
Power Source	DC 12 V
Dimensions (H × W × D) (mm)	120 × 120 × 20.4
Weight (g)	220

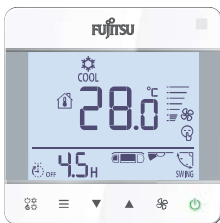
DC 12 V is supplied by the indoor unit.

# Compact Wired Remote Controller

UTY-RCRYZ1

SPLITS/MULTI/VRF

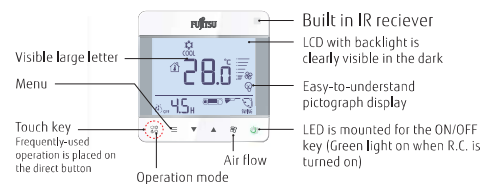
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- Simple design to match the stylish interior
- Easy to install : Body of controller is designed to fit in European standard junction box
- Can be operated both by wireless and wired remote controller.
- 2-wire type

## 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

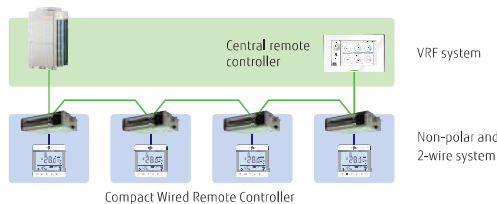


Max. Controllable  
**1** single indoor unit

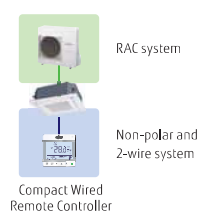
Max. Controllable  
**1** Group

## System overview

### VRF connection



### RAC connection



### Specifications

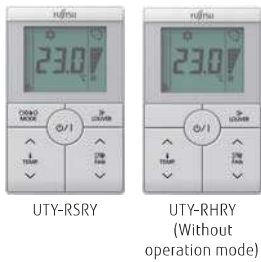
Model name	UTY-RLRY	UTY-RCRYZ1
Power Source	DC 12 V	DC12V
Dimensions (H × W × D) (mm)	120 × 120 × 17	86 × 86 × 44
Weight (g)	170	135

DC 12 V is supplied by the indoor unit.

# Simple Remote Controller

UTY-RSRY / UTY-RHRY (Without operation mode)

SPLITS/MULTI/VRF



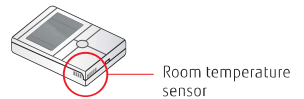
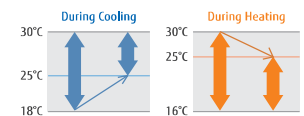
## Compact remote controller provides access to basic functions

- 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 coloured backlight on monitor enable easy operation in dark.
- 2-wire type

Max. Controllable  
**16** indoor units  
Max. Controllable  
**1** Group

## Corresponding to various applications

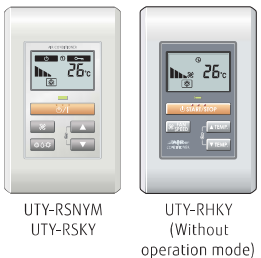
- **Vertical louvre control:** Vertical air flow direction can be adjusted for Duct types with auto louvre and Cassette types, which are installed in hotels and conference rooms, can be adjusted.
- **Room temperature set point limitation:** The Simple Remote Controller can manage to energy saving operation 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-RSNYM, UTY-RSKY/UTY-RHKY (Without operation mode)

SPLITS/MULTI/VRF



## 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

Max. Controllable  
**16** indoor units  
Max. 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 another individual control unit.
- Following an error display, diagnostics can be carried out on the controller.

## Specifications

Model name	UTY-RSRY	UTY-RHRY	UTY-RSNYM, UTY-RSKY	UTY-RHKY
Power Source	DC 12 V	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	120 × 75 × 14
Weight (g)	120	120	120	90

DC 12 V is supplied by the indoor unit.

# MODBUS® Convertor for Indoor Unit

UTY-VMSX

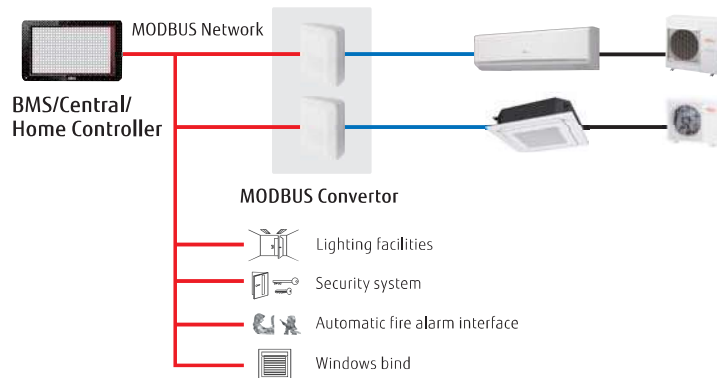
SPLITS/MULTI/VRF



Max. Connectable  
**1** Single indoor unit

The MODBUS Convertor allows a complete integration of air conditioners into MODBUS Networks.

- Simple installation due to small and compact size.
- No separate external power supply required.
- The MODBUS Convertor must be connected one by one within the indoor unit.
- The MODBUS Controller permits central monitoring and control of air conditioners from BMS/Central/Home Controller.

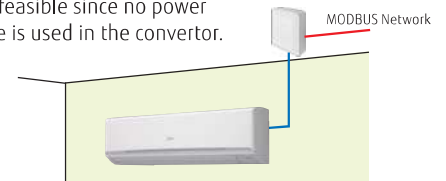


## Basic control

- Turning the units on and off
- Mode control (Heat, Cool, Dry, Auto, Fan)
- Fan speed setting
- Louvre position (Airflow direction setting)
- Room temperature setting and display
- Economy mode setting
- Error status

## Easy Installation

Flexible installation locations with neat wirings are feasible since no power supply cable is used in the convertor.



# KNX® Convertor for Indoor Unit

UTY-VKSX

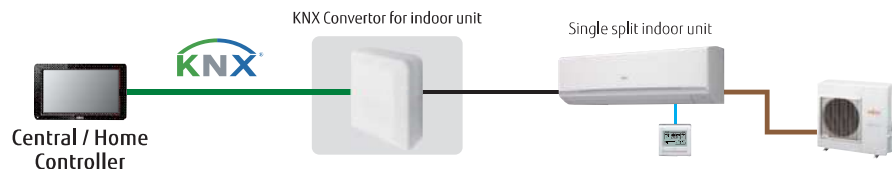
SPLITS/MULTI/VRF



Max. Connectable  
**1** Single indoor unit

KNX Convertor is useful for individual control of indoor.

- New KNX Convertor enables to connect central/home controller and Fujitsu General indoor unit.
- Compact and light weight design



## Specifications

Model name	UTY-VMSX
Power supply	DC 12 V
Input Power (W)	Max. 1.2
Dimensions (H×W×D)(mm)	140 × 117 × 43
Weight (g)	200
Maximum Connectable indoor unit number per 1 MODBUS Convertor	1

## Modbus communication specifications

Transfer mode	RTU mode
Communication speed	9600/19200bps
Data bit	8
Parity	even/odd/none
Stop bit	1/2 (no parity)
Network	RS485
Maximum cable length	1000m (3280 ft)

Model name	UTY-VKSX
Power supply	DC 12 V
Power consumption (W)	0.6
Dimensions (H×W×D)(mm)	140 × 117 × 43
Weight (g)	215

# Wireless LAN Interface

UTY-TFNXZ1 / UTY-TFSXZ1, UTY-TFSXW1, UTY-TFSXF2

SPLITS/MULTI/VRF



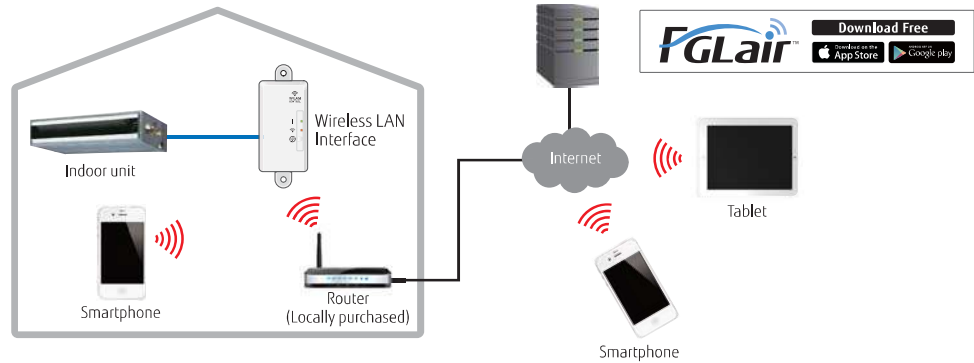
USB type for single split models  
UTY-TFSXF2



UTY-TFNXZ1  
UTY-TFSXZ1

UTY-TFSXW1

- Allows users to remotely manage an Air Conditioning system using all sort of mobile devices such as Smartphones, and tablets.
- No separate external power supply required
- Can be used for single indoor units and multi system indoor units

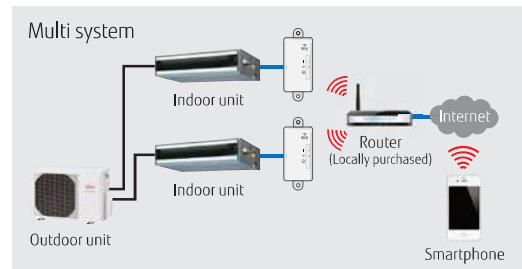


Max. Connectable

1 Single indoor unit

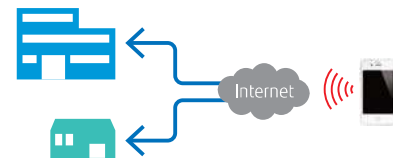
## Basic control

- Turning the units on and off
- Mode control (Heat, Cool, Dry, Auto, Fan)
- Fan speed setting
- Louvre position (Airflow direction setting)
- Timer operation setting (Weekly timer)
- Economy mode setting



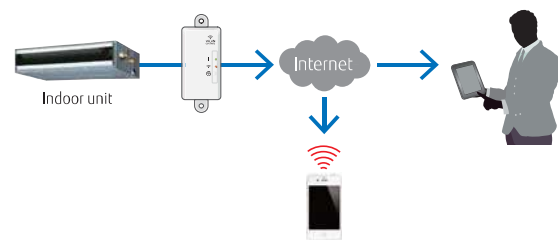
## Multiple air conditioning management

- Multiple air conditioning management at difference locations.



## Error display & E-mail notification

- Alerts e-mail notification
- Air conditioning malfunction display
- It enables rapid service response when error occurs.



## Wireless LAN Interface (USB type) UTY-TFSXF2

New compact USB type is available. Specialised installation work is not required and it can be installed to indoor unit easily.



## Specifications

Model name	UTY-TFNXZ1 / UTY-TFSXZ1	UTY-TFSXW1	UTY-TFSXF2
Dimensions (H × W × D) (mm)	71 × 38 × 15	71 × 38 × 15	56.7 × 34 × 9.72
Weight (g)	35	35	30

# Wired Remote Controller

UTY-RVNYM

SPLITS/MULTI



## Hi-grade individual control using various functions.

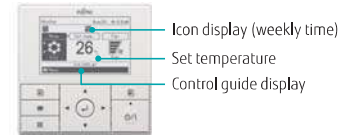
- 3.7-inch LCD backlight screen.
- Supporting various Energy Saving functions with simple operation.
- Multiple Language Support. (English, German, French, Spanish, Russian, Portuguese, Italian, Greek, and Turkish)

Max. Controllable  
**16** indoor units

Max. 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.



## High performance and compact size

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



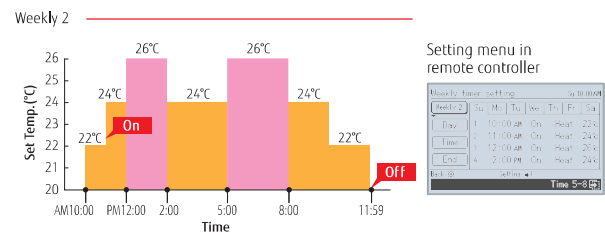
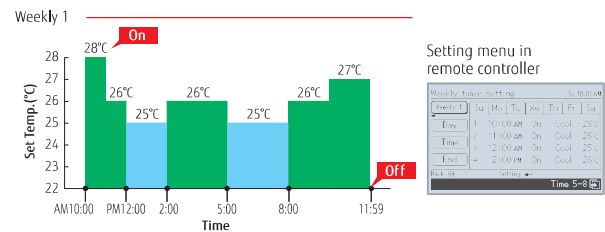
## Various energy saving control

### 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-RVNYM
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.

# External Switch Controller

UTY-TERX

SPLITS/MULTI/VRF



Max. Controllable  
**1** group

## Air conditioner switching can be controlled by connecting other sensor switches

- In combination with a field supply Card-Key Switch or other sensor, the External Switch Controller allows control of the ON / OFF, Room temperature, Fan speed and Master control functions. This makes this product suitable for installations such as hotel rooms.
- Card-key or other sensor switches are available as a locally purchased parts.
- The set temperature can be specified at two points for cooling and heating individually (4 points).



### Specifications

Model name	UTY-TERX	
Power Supply	DC 6.5-16 V	
Dimensions (H × W × D) (mm)	140 × 117 × 43	
Weight (g)	250	

DC 12 V is supplied by the indoor unit.

# Wireless Remote Controller

UTY-LNTY

SPLITS/MULTI



Max. Controllable  
**16** indoor units

Max. Controllable  
**1** Group

Selectable  
**4** daily timers

## Simple and sophisticated operations with a choice of 4 daily timers

- A single controller controls up to 16 indoor units.

### Built-in timers

4 timer programs: On / Off / Program / Sleep

Program timer: Operates ON/OFF timer once within 24 hours

Sleep timer: Corrects the set temperature automatically during sleep time

### Easy installation and operation

Code selector switch prevents indoor unit mix-up (up to 4 codes)

Wide and precise transmitting range

### Specifications

Model name	UTY-RNNYM	UTY-LNTY
Power Source	DC 12 V	DC5V
Dimensions (H × W × D) (mm)	120 × 120 × 18	145 × 90 × 30
Weight (g)	160	150

DC 12 V is supplied by the indoor unit.