PART No. 9378787179-01

OPERATION MANUAL

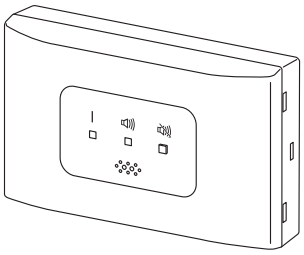
Keep this manual for future reference.

VRF system optional parts

Gas sensor kit

UTY-SGZ*

[Original instructions]



FUJITSU GENERAL LIMITED

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1. SAFETY PRECAUTIONS

- The “SAFETY PRECAUTIONS” indicated in this manual contain important information pertaining to your safety. Be sure to observe them.
- Request the user to keep this manual on hand for future use, such as for relocating or repairing the unit.

⚠ **WARNING**	This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.
⚠ **CAUTION**	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.

⚠ **WARNING**
In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.
Do not repair or modify any damaged cable by yourself. Let the authorized service personnel to do it. Improper work will cause an electric shock or a fire.
When moving, consult authorized service personnel for uninstallation and installation of this unit.
Do not operate this unit when your hands are wet. Touching the unit with wet hands will cause an electric shock.
Do not block the gas detection hole. Gas leaks may not be detected and may lead to a fire.
This product is part of the R32 refrigerant leak safety system. After installation, do not turn off the power except for maintenance or repair. If the power is turned off, the safety system will not operate properly.
When this device’s alarm sounds, it means it has detected a refrigerant leak. If leaked refrigerant comes into contact with an ignition source, there is a risk of fire. If there is a source of fire such as an oven or stove, quickly extinguish it, ventilate the area if possible, and evacuate. Then consult your dealer or authorized service person.
This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

⚠ **CAUTION**
Do not set vessels containing a liquid on this unit. Doing so will cause heating, fire, or electric shock.
Do not use or store substances that cause false detection or deterioration of the sensor near this device. Refer to “Regarding substances that cause sensor malfunction and deterioration” below.
Do not place electrical devices within 1 m (40 in) of this unit. It may cause malfunction or failure.
Do not use fire near this unit or place a heating apparatus nearby. It may cause malfunction.
Do not touch the switches with sharp objects. Doing so will cause injury, trouble, or electric shock.
Do not insert articles into the slit parts of this unit. Doing so will cause trouble, heating, or electric shock.

Regarding substances that cause sensor malfunction and deterioration

Contact with air containing the following substances may cause false detection or deterioration of the sensor element. Avoid using or storing products containing these substances near this device. Sensors that falsely detect or have deteriorated need to be replaced.

■ Siloxane (silicon gas)
Shampoos, cosmetics, hair conditioners, moisturizing creams, sunscreens, antistatic agents, water repellents, polish agent, adhesives, sealants containing silicone/caulking materials/oils/grease/rubber parts/plastic parts, dry cleaning solvents, etc.

■ Alcohol, organic solvents, VOC, chlorine gas
Cosmetics, fragrances, spray products, pharmaceuticals, insect repellents, adhesives, paints, detergents, bleaches, disinfectants, etc.

■ Alkali metals
Salt, seasonings, bath salts, alkaline detergents, pipe cleaning agents, desiccants, seawater, pesticides, fertilizers, etc.

Be especially careful when building or renovating a house.

Sensor units have an expiration date

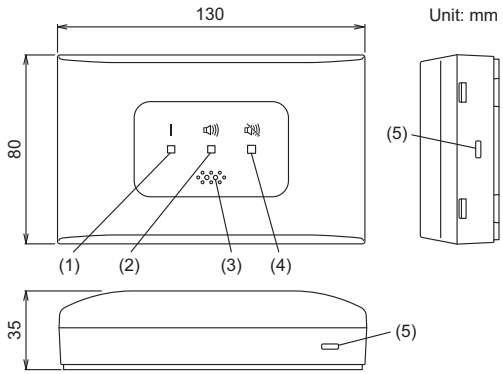
- The expiration date is 10 years, provided the sensor element is not affected by substances that degrade it.
- If the expiry date of the sensor is approaching or has passed, the alarm indicator will blink to notify you. Refer to “2.3. Status of the device”.
- Sensor units that have passed their expiration date must be replaced. Request replacement of the sensor unit to your dealer or authorized service personnel.

2. ABOUT THIS PRODUCT

2.1. Specifications

Temperature (°C)	Operating	0 to 46
	Packaged	-10 to 60
Humidity (%)	Packaged	0 to 95 (RH); No condensation
Dimensions [H × W × D (mm)]		80 × 130 × 35
Weight (kg)		0.2

2.2. Dimensions and names of parts



	Name	Application
(1)	Power indicator (green)	Indicates status by lit or blinking. For details, refer to “2.3. Status of the device”.
(2)	Alarm indicator (red)	
(3)	Alarm buzzer (inside the device)	If leaked refrigerant is detected, a buzzer will sound.
(4)	Alarm reset button	Press this button to stop the buzzer.
(5)	Gas detection hole	The gas sensor inside this hole detects the refrigerant. Do not block the hole or place anything near it.

2.3. Status of the device

Power indicator (green)	Alarm indicator (red)	Buzzer (sound)	Status
Off	Off	Off	No electricity, or malfunction of this device.
Slow blinking	Off	Off	Booting up this device.
Fast blinking	Off	Off	Communication error. Consult your dealer or authorized service person.
On	On	Off	This device is malfunctioning. Consult your dealer or authorized service person.
	Blinks 3 or 4 times (repeated)		
On	Off	Off	Normal operation. (Never detected gas)
On	Fast blinking	Repeated short beeps.	Gas detection. If there is a source of fire such as an oven or stove, quickly extinguish it, ventilate the area if possible, and evacuate. Then consult your dealer or authorized service person.
On	Fast blinking	Off	Gas detection. (Buzzer stopped)
On	Slow blinking	Off	Internal gas sensor expiration date is near. (The period of use exceeds 9 years.) The sensor unit must be replaced before 10 years have passed.
On	Blinks 2 times (repeated)	Off	Internal gas sensor expiration date has passed. (The period of use exceeds 10 years.) The sensor unit must be replaced immediately.