

## SINGLE-SPLIT PACKAGED AIR CONDITIONERS 2019 / 2020

# INVERTER

**Panasonic**  
BUSINESS



**Building Passion,  
Building Solutions.**  
Panasonic Air Conditioning Systems

We face a time in which "quality air" differentiates business. It's a time for Panasonic to fully display its strengths. Our ability to assemble and build superior systems isn't just due to the rich resources we have as a comprehensive electronics manufacturer, but also to Panasonic's 100 years of tradition, where each person thinks and acts on their own initiative while working in a team to reach further heights. We do not compromise. Each of our independent selves is a one stop solution. We face our customers' challenges together with our customers and do all that we can to build effective systems. As a true partner for our customers, we strive to always be at the forefront of business.

- Please read the Installation Instructions carefully before installing the unit, and the Operating Instructions before using it.
- Specifications are subject to change without prior notice.
- The contents of this catalogue are accurate as of April 2019.
- Due to printing considerations, the actual colours may vary slightly from those shown.
- All graphics are provided merely for the purpose of illustrating a point.



Do not add or replace refrigerant other than the specified type. Manufacturer is not responsible for the damage and deterioration in safety due to usage of other refrigerant.

Authorised Dealer

PAC INVERTER HK APRIL 2019



Panasonic Global Air Conditioner

Global Site : [aircon.panasonic.com](http://aircon.panasonic.com)  
PROClub : [panasonicproclub.global](http://panasonicproclub.global)

[airconpanasonicglobal](https://www.youtube.com/airconpanasonicglobal)

QUALITY AIR FOR LIFE

# Extremely Clean Air and Energy-Saving Efficiency

Panasonic packaged air conditioners feature a wide lineup of indoor and inverter type outdoor units for use in a variety of locations, such as offices, residences, restaurants, and shops. They provide solutions for comfortable, clean air and energy savings at all times and offer comfortable room environments.

4-Way Cassette Cooling Inverter type come standard equipped with unique nanoe™ technology that suppresses unpleasant odours and inhibits bacteria and viruses.



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### What's new



New nanoe™ X containing plenty of OH radicals that Inhibits bacteria and virus, deodorises unpleasant odours and keeps room air clean and fresh.  
(For 4-WAY Cassette Models)

### 4-Way Cassette **NEW** ///



Provides a neat fit in the ceiling to match modern decor, and uniform cooling throughout the room, plus easy installation.

### Flexible Installation



Highly efficient inverter operation achieves superior energy-savings. And all models are 1-Fan types for easier installation and space-saving.

# MODEL LINE-UP

## A Wide Lineup to Fit Your Needs

The wide lineup to suit a variety of applications, in offices, classrooms, restaurants, shops, and more. All outdoor units are now 1-Fan types, making them more compact and lighter than previous models. Installation and construction are also easier.



### 4-WAY CASSETTE **NEW**



The 4-way direction airflow released through four flaps provides wide and even cooling.

### CEILING MOUNTED



Providing outstanding energy-saving performance, comfort and long-distance air flow distribution, these units are perfect for retail stores, schools and restaurant application.

Capacity	17,100 Btu/h 2 HP	19,800-20,500 Btu/h 2.5 HP	24,200 Btu/h 3 HP		29,000 Btu/h 3.5 HP	34,100 Btu/h 4 HP	41,000-42,700 Btu/h 5 HP	47,800 Btu/h 6 HP
<b>4-WAY CASSETTE <b>NEW</b></b> Standard Equipped  P.14-15	 S-18PU2A5  	 S-21PU2A5  	 S-24PU2A5  		 S-30PU2A5  	 S-34PU2A5  	 S-43PU2A5  	 S-48PU2A5  
<b>CEILING MOUNTED</b> P.16-17	 S-18PT2A5 	 S-21PT2A5 	 S-24PT2A5 		 S-30PT2A5 	 S-34PT2A5 	 S-43PT2A5 	 S-48PT2A5 
<b>OUTDOOR UNIT <b>NEW</b></b> 4-WAY CASSETTE / CEILING MOUNTED P.18-19	 U-18PS2A5	 U-21PS2A5	 U-24PS2A5		 U-30PS2A5	 U-34PS2A5	 U-43PS2A5	 U-48PS2A5

ALL 1-FAN TYPE OUTDOOR UNIT



nanoe™ is Panasonic's unique air purifying technology. Introduced in 2003, nanoe™ has brought comfortable, clean air to a wide variety of living environments. By conducting further research & development, Panasonic has now succeeded in developing nanoe™ X, with dramatically increased performance.

## nanoe™ X Improves Air Quality

Panasonic's unique nanoe™ X has an outstanding effect on various air pollutants, including allergens, viruses and bacteria, as well as cigarette and other household odours. It takes reliable air purification performance another step forward.



### Deodourises unpleasant odours\*1 \*2 \*3



nanoe™ X works on the substances responsible for odours to deodourise them.

### Inhibits bacteria and virus\*4 \*5 \*6 \*7 \*8



nanoe™ X suppresses airborne particles including bacteria, viruses and mould.

\*1 Adhering odour of cigarette [Effectiveness]: Decrease by 1.7 level [Testing Institute]: Gunma Research Center [Test Report No]: No. 27055 [Result]: Decrease in odour intensity by 0.7 level after 2 hour of operation.  
 \*2 Floating odour of cigarette [Effectiveness]: Decrease by 0.8level [Test Lab Size]:136.5m3 [Testing Institute]: Panasonic Corporation Product Analysis Center [Test Report No]: 4AA33-170117-A01 [Result]: Decrease in odour intensity by 0.8 level after 2 hour of operation.  
 \*3 Adhering odour of Meat Grilling [Effectiveness]: Decrease by 0.9 level [Test Lab Size]:67.7m3 [Testing Institute]: Panasonic Corporation Product Analysis Center [Test Report No]: 4AA33-170203-A03 [Result]: Decrease in odour intensity by 0.9 level after 2 hour of operation.  
 \*4 Mould [Effectiveness]: Inhibit Mould Growth [Testing Institute]: Japan Food Research Laboratories [Test Report No]: 13044083002-01 [Result]: The growth of the subject was inhibited after 8-hour nanoe™ operation.  
 \*5 Bacteria [Effectiveness]: 99% [Testing Institute]: Kitasato Research Center for Environmental Science [Test Report No]: KRCEs-Env. Test Report 24\_0301\_1 [Result]: 99% of deactivation after 4-hour nanoe™ operation.  
 \*6 Bacteria [Effectiveness]: 99% [Testing Institute]: Japan Food Research Laboratories [Test Report No]: 13044083002-01 [Result]: The growth of the subject was inhibited after 8-hour nanoe™ operation.  
 \*7 Viruses [Effectiveness]: 99% [Testing Institute]: Kitasato Research Center for Environmental Science [Test Report No]: KRCEs-Env. Test Report 24\_0300\_1 [Result]: 99% of deactivation after 6-hour nanoe™ operation.  
 \*8 Viruses [Effectiveness]: 99% [Testing Institute]: Japan Food Research Laboratories [Test Report No]: 13001265005-01 [Result]: 99% of deactivation after 8-hour nanoe™ operation.

## nanoe™ X Mechanism

Amount of OH radicals increases without increasing amount of ozone, leading to improved effectiveness!

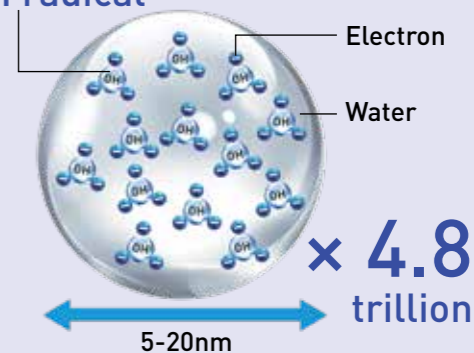
### Generation Mechanism

nanoe™ X is generated from moisture in the air

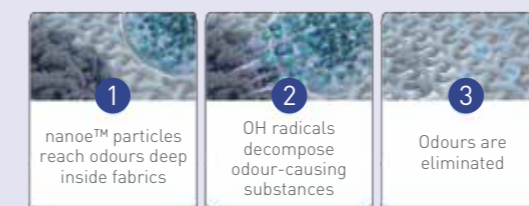


### Structure

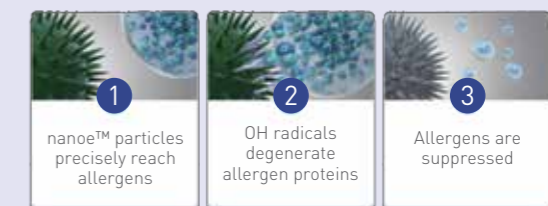
#### OH radical



### How to Deodourize Odour\*1 \*2 \*3



### How to Inhibit Bacteria, Virus and Mold\*4 \*5 \*6 \*7 \*8



## Also Cleans the Air When Not Air Conditioning

You can also use nanoe™ X in Fan mode when you're not cooling or heating the room. For example, you can use nanoe™ X in fan-mode to effectively suppress bacteria and odours when the office is empty or after business hours in a restaurant.

### Business Hours



**AC Mode + nanoe™ X**  
nanoe™ X purifies the room while maintaining the comfort temperature when people are in presence.

### After Business Hours



**FAN Mode + nanoe™ X**  
After closing shops or facilities, nanoe™ X can perform air purification in fan-mode, when people are not present.

## Case Examples of nanoe™



# 4-Way Cassette NEW

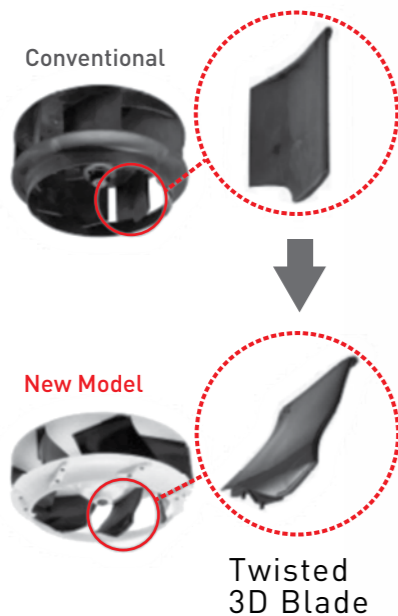


Provides a neat fit in the ceiling to match modern decor, and a uniform cooling throughout the room, plus easy installation.



## Powerful Airflow

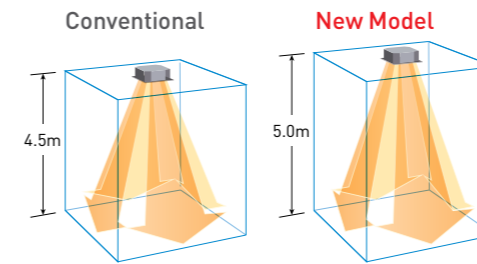
The Turbo Fan with Twisted 3D Blades with compact design can increase airflow.



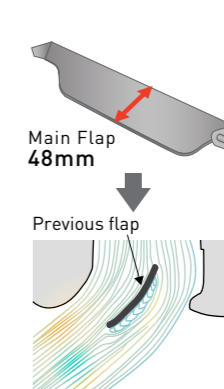
## 4-Way Cassette

### Wide Flap

Adding a sub flap and widening the main flap have reduced turbulence and increased airflow. Also, the wider angle jetting port allows the airflow to reach as far as five meters.

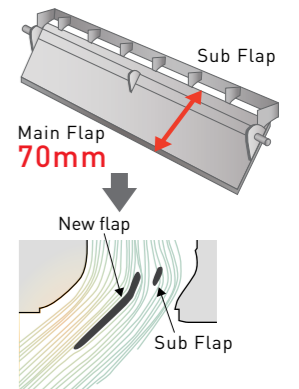


### Conventional



As airflow turbulence is generated, airflow velocity gets lower.

### New Model



As airflow turbulence is reduced, airflow velocity gets higher.

### 360° Wide & Comfortable Airflow

Air coming out of the centre of the discharge outlets travels farther.

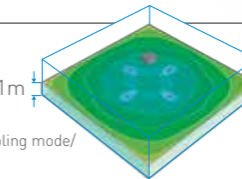
Air is discharged across a wide area from the four sides of the unit. The curves on the room temperature distribution graph expand gently out through 360° in a circle centred on the indoor unit.



### 360° Wide

Temperature distribution by thermograph (cooling operation)

Simulation conditions:  
43PU 4-way ceiling-mounted cassette type in cooling mode/  
Floor area of 225 m<sup>2</sup>/ Ceiling height of 5 m



### Ample airflow

Capacity Class (K Btu)	17.1	20.5	24.2	29	34.1	42.7	47.8	AVR
4-Way Cassette	22	23	25	25	34	36.4	36.4	28.8

m<sup>3</sup>/min

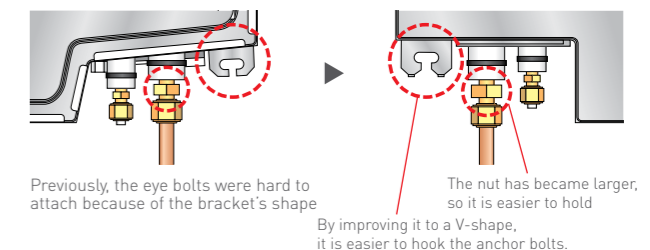
### Flat Horizontal Design

Panasonic believes that one of the most important elements of design is that it doesn't interfere with the overall room interior. The flat horizontal design of the 4-way Cassette achieves an elegant, yet simple form. This design allows it to protrude only 33.5 mm from the ceiling, to blend naturally into a variety of interiors, including offices and restaurants.



### Easy Installation Design

With conventional models, it was difficult to use tools without damaging the interior. The new series have employed a new structure for easier installation.





## Industry-leading Small Body with All 1-fan Models

Panasonic's ingeniously designed outdoor units are compact in size to fit into any space and layout. Its smaller size makes it easy to install even in limited spaces. Flexibility in piping allows more freedom in installation leading to a reduced installation costs.

### 18-30kBtu Model

U-18PS2A5 / U-21PS2A5 / U-24PS2A5 / U-30PS2A5

**Conventional Model (CU-L24DBE5)**  
H795 × W900 × D320



Height **795 mm**

**695 mm**



Weight **71 kg**

**41 kg\***

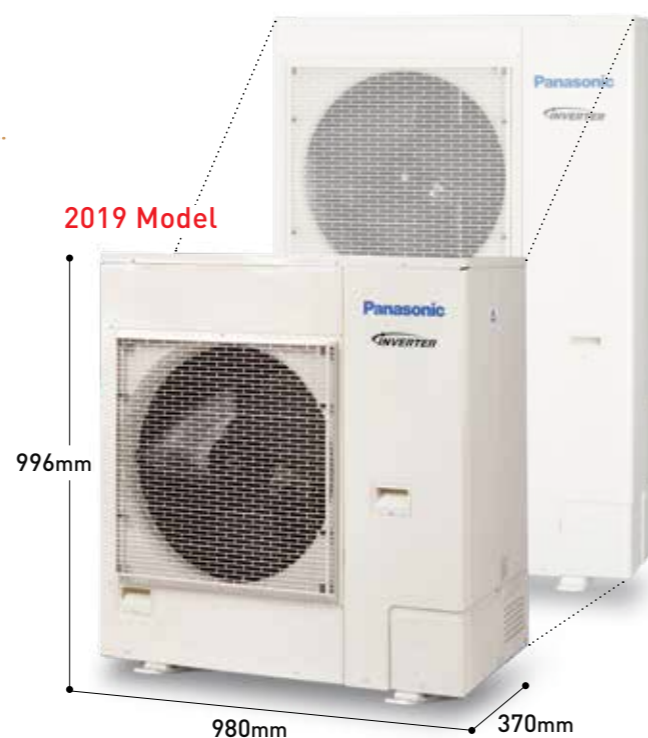


\*18PS/21PS:41kg, 24PS/30PS:43kg

### 34-48kBtu Model

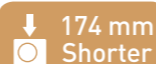
U-34PS2A5 / U-43PS2A5 / U-48PS2A5

**Conventional Model (CU-L34DBE5)**  
H1,340 × W900 × D320



Height **1,170 mm**

**996 mm**



Weight **110 kg**

**73 kg\***



\*34PS:73kg, 43PS:74kg, 48PS:81kg

## Advantages of Panasonic Inverter System



### High Efficiency Energy Performance

The performance of our previous models is now achieved by smaller outdoor unit. The Coefficient of Performance has been greatly improved to reduce power consumption.



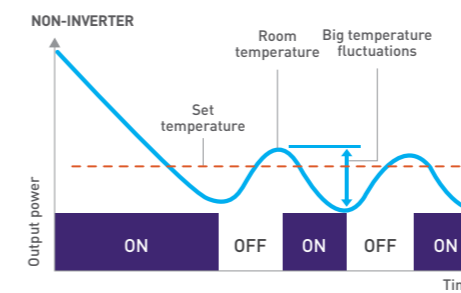
\*4-Way Cassette 18k Btu model



### Inverter Technology

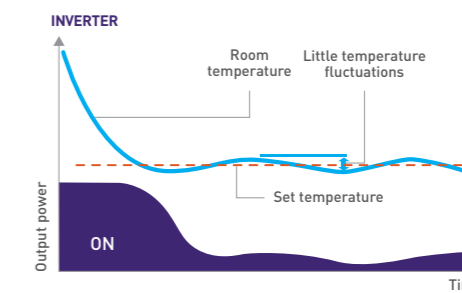
#### Precise Temperature Control

INVERTER prevents wasteful energy consumption by varying the compressor rotation speed to maintain the set temperature.



Legend: ■ Output Power — Temperature  
Remark: Energy is wasted by switching the compressor ON and OFF to maintain the set temperature.

Non-INVERTER air conditioner can only operate at a constant speed which is too powerful to maintain the set temperature. This results in wider temperature fluctuations leading to wasteful consumption of energy.



Legend: ■ Output Power — Temperature  
Remark: Saves energy by varying the rotation speed of the compressor to maintain the set temperature.

The Panasonic INVERTER air conditioner varies the compressor's rotation speed, providing a precise method of maintaining the set temperature and it gives you exceptional energy saving performance.

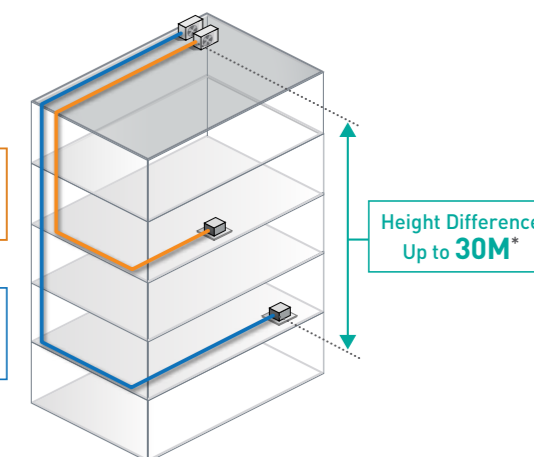
## Easy Installation

Piping can be extended up to 30m without additional gas charging, and up to 50m with additional gas charging. This gives you a wider range of installation options and more flexibility in positioning the outdoor unit.

Additional Piping Up to **30M**

&

Max Piping Length Up to **50M** with additional gas charge



Height Difference Up to **30M\***

## Refrigerant Chargeless Up to 30m

No additional gas charging is needed up to 30m, making installation easy and hassle-free.

\* (Capacity Class 17.1/19.8/20.5K Btu): 25m

## Precise Control, Easy Comfort

Panasonic Single-split Packaged Air Conditioner Remote Controllers are designed with user comfort in mind. Multiple settings are available so airflow and air quality can be regulated according to preferences. Users can also opt for a wired remote controller equipped with high-performance timer.



### Wired Remote Controller CZ-RD513C (Optional)

(For 4-Way Cassette Type and Ceiling Mounted Type)



### Wireless Remote Controller / Receiver

4-Way Cassette Type (Optional)



CZ-RL013UH

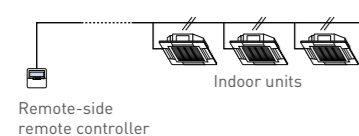
Ceiling Mounted Type (Optional)



CZ-RL013T

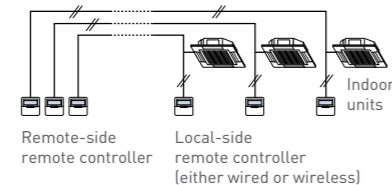
## Settings can be regulated with 3 control options:

### Group Control by a single remote controller



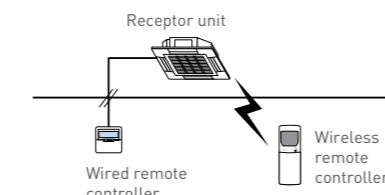
- All indoor units operate in the same mode.

### Separate Control by Twin Remote Controllers



- Each indoor unit can be operated by either of the two remote controllers.
- Apart from the timer setting time, the displays for the two remote controllers are identical.
- The last button pressed has priority (The main or slave attribute is set with the remote controller).

### Common Control by Both Wired and Wireless Remote Controllers



- The last button pressed has priority (using either wired or wireless remote controllers).

## Weekly Timer (For All Models)

1. Timer can be set for each day of the week.
2. Can be pre-set with: •Max. 6 settings/day •42 settings/week.
3. The temperature can also be programmed for optimal comfort.

### Can be set to accommodate different conditions

<p><b>Businesses with regular off days</b></p> <p>Example: Saturday afternoon - CLOSED Sunday - CLOSED</p>	<p><b>Businesses with varying visitor flows at different timings</b></p> <p>Example: Lunchtime - More visitors, lower temperature</p>	<p><b>Can be set to switch off automatically</b></p> <p>Example: Avoid power wastage even if users forget to turn it off (weekdays)</p>
<p>Mon-Fri On 9:00, Off 18:00 Sat On 9:00, Off 12:00 Sun Not set</p>	<p><b>Daily Settings</b></p> <p>On 12:00 23°C On 14:00 28°C</p>	<p>Mon-Fri Off 20:00</p>

▶ Timer settings can be different everyday of the week.    ▶ Timing & temperature can be set simultaneously.    ▶ Timer can be set for simple shut-off operation.

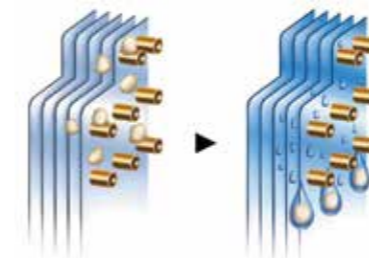
### Setting the timer

\*Simple Timer Mode  
Using the 24-Hour ON/OFF timer, ON/OFF operations can be set at the same time daily.

## Odour Wash (For All Models)

Reduces unpleasant odours caused by the air conditioner's heat exchanger.

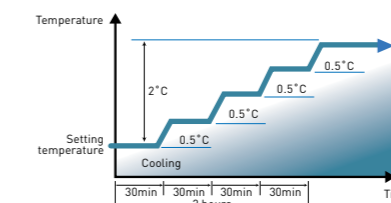
### Odour Removing ONE PUSH



When air from the outlet smells musty, moisture in the heat exchanger washes away odours.  
Can be operated with the wireless remote controller.

## Economy Mode (For All Models)

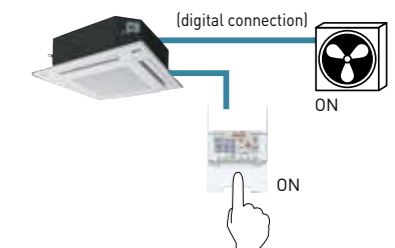
Saves up to 20%\* energy. The air conditioner determines the stable condition and moderately shifts the set temperature in 0.5-degree steps to regulate the energy-saving operation (max. 2 degrees).



\*During operating in the cooling mode at the remote control set temperature of 25 under the cooling standard temperature conditions.  
Can be operated with the wireless remote controller.

## Ventilation (For All Models)

When an external device such as a ventilator is connected to the indoor unit, the ventilator's ON/OFF operations can be controlled by the wired remote controller. You can select from either link-ventilation or independent-ventilation.

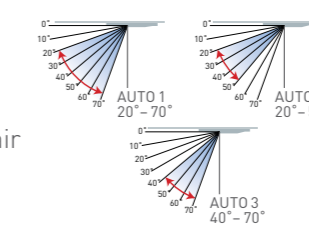


Ventilators are not included in the product line-up. OPTIONAL : Printed circuit board (Interface Adapter for External Signals CZ-TA31P\*) is needed.

- \*Printed Circuit Board CZ-TA31P
- By connecting to the indoor unit, a separately sold ventilator can be controlled.
- Remote operation control of the indoor unit is enabled (ON/OFF control).
- The condition of the indoor unit (malfunctions, operating status) can be output externally.
- Control in linkage to a total heat exchanger or similar devices is possible.

## Multi Comfort Air Control (For 4-Way Cassette Models)

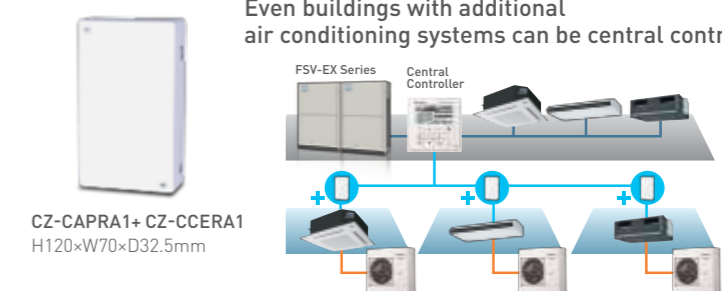
New control technology gives users a wide selection of more specific airflow angles. Choose from the 3-Pattern Auto Swings to avoid direct exposure to cool air (total 50-degree swing width).



## Central Control Adapter

Using Central Control Adapter along with the existing VRF units, a centralized control system is possible. Temperature management can be achieved by expanding low-to-mid sizes together.

### Even buildings with additional air conditioning systems can be central controlled



# 4-WAY CASSETTE NEW

Model No.  
 S-18PU2A5    S-34PU2A5  
 S-21PU2A5    S-43PU2A5  
 S-24PU2A5    S-48PU2A5  
 S-30PU2A5



## TECHNICAL FOCUS

- nanoe™ X for Air Purification
- Powerful Airflow
- Wide Flap
- Simplistic Design
- LCD Wireless Remote Controller
- Easy Installation Design
- Odour Wash
- Economy Mode
- Self-Diagnostic Function
- 1st grade in Hong Kong Voluntary Energy Efficiency Labelling Scheme for Room Air Conditioner



### Accessories

#### Panel



CZ-KPU3H

#### Selectable Remote Controller



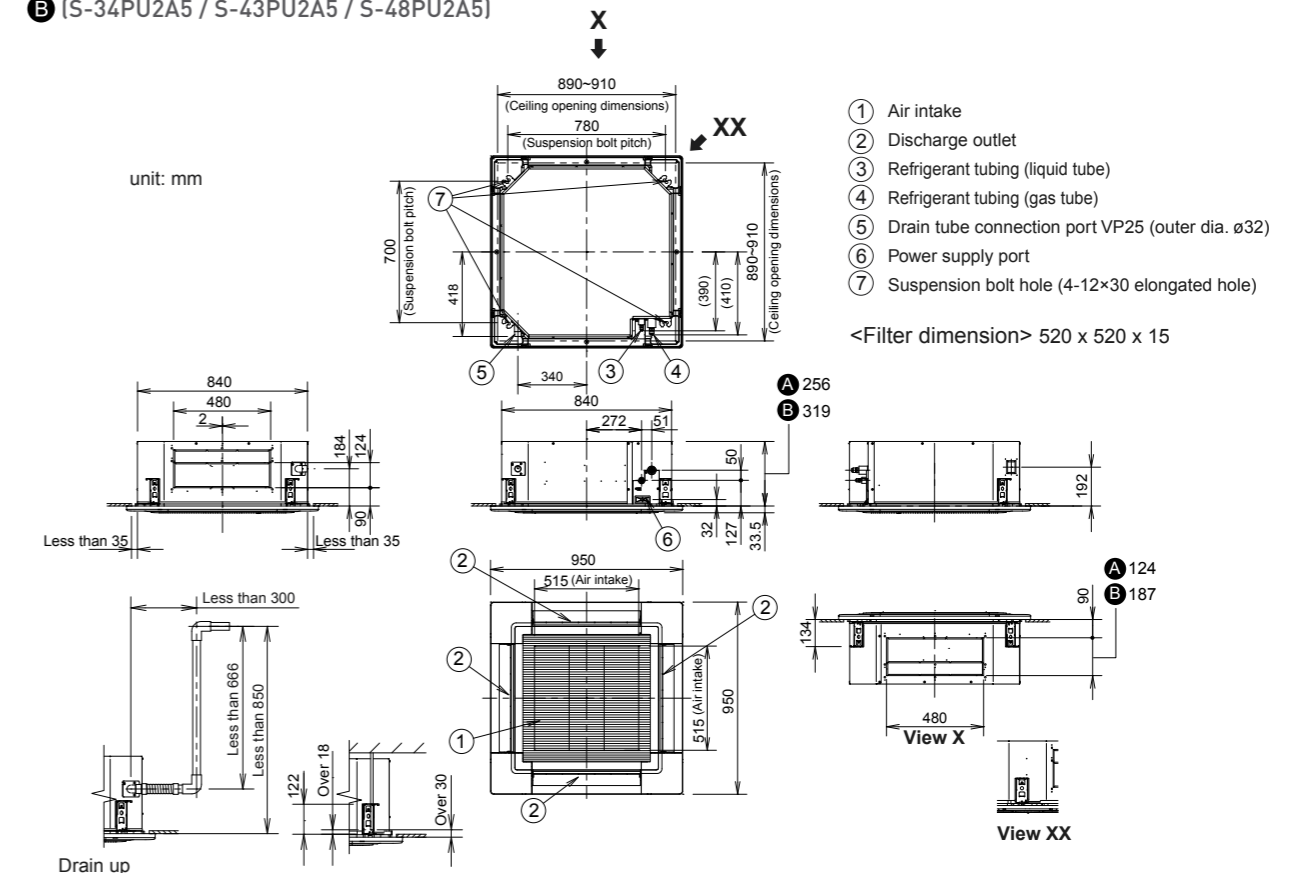
CZ-RD513C



CZ-RL013UH

## Dimensions

- A (S-18PU2A5 / S-21PU2A5 / S-24PU2A5 / S-30PU2A5)
- B (S-34PU2A5 / S-43PU2A5 / S-48PU2A5)



- ① Air intake
- ② Discharge outlet
- ③ Refrigerant tubing (liquid tube)
- ④ Refrigerant tubing (gas tube)
- ⑤ Drain tube connection port VP25 (outer dia. ø32)
- ⑥ Power supply port
- ⑦ Suspension bolt hole (4-12×30 elongated hole)

<Filter dimension> 520 x 520 x 15

Drain up  
 \* Adjust the suspension bolt length so that the gap from the lower ceiling surface becomes 30 mm or more (18 mm or more from the lower surface of the body) as shown in the figure. When the suspension bolt length is long, it hits the ceiling panel and installation is not possible.

Capacity		17,100 Btu/h 2 HP	20,500 Btu/h 2.5 HP	24,200 Btu/h 3 HP	29,000 Btu/h 3.5 HP	34,100 Btu/h 4 HP	42,700 Btu/h 5 HP	47,800 Btu/h 6 HP
Power Source	V/Phase Hz	220 V, 1Ø Phase - 50 Hz						
Indoor		S-18PU2A5	S-21PU2A5	S-24PU2A5	S-30PU2A5	S-34PU2A5	S-43PU2A5	S-48PU2A5
Outdoor		U-18PS2A5	U-21PS2A5	U-24PS2A5	U-30PS2A5	U-34PS2A5	U-43PS2A5	U-48PS2A5
Panel		CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H
Cooling Capacity: Rated (Min-Max)	kW	5.00 [2.20-5.70]	6.00 [2.30-6.80]	7.10 [2.70-9.20]	8.50 [3.20-10.00]	10.00 [3.80-11.80]	12.50 [3.80-13.40]	14.00 [5.20-15.40]
	Btu/h	17,100 [7,510-19,500]	20,500 [7,850-23,200]	24,200 [9,210-31,400]	29,000 [10,900-34,100]	34,100 [13,000-40,300]	42,700 [13,000-45,700]	47,800 [17,700-52,600]
Current: Rated (Max)	A	5.8 [9.5]	7.7 [11.0]	8.8 [13.0]	12.5 [14.5]	13.9 [24.0]	21.8 [28.0]	23.0 [28.0]
Power Input: Rated (Min-Max)	kW	1.24 [0.44-1.49]	1.64 [0.40-1.90]	1.88 [0.69-2.77]	2.67 [0.73-3.30]	2.76 [0.80-4.00]	4.31 [0.78-4.80]	4.56 [1.08-5.90]
	W/W	4.03	3.66	3.78	3.18	3.62	2.90	3.07
COP / EER	Btu/hW	13.79	12.50	12.87	10.86	12.36	9.91	10.48
<b>Indoor Unit</b>								
Air Volume	m <sup>3</sup> /min	22.0	23.0	25.0	25.0	34.0	36.4	36.4
Sound Pressure Level (Hi/Lo)	dB (A)	40 / 32	40 / 33	42 / 33	42 / 33	44 / 37	47 / 39	47 / 41
Sound Power Level (Hi/Lo)	dB	55 / 47	55 / 48	57 / 48	57 / 48	59 / 52	62 / 54	62 / 56
Dimension	Indoor (H×W×D)	mm	256 × 840 × 840	256 × 840 × 840	256 × 840 × 840	256 × 840 × 840	319 × 840 × 840	319 × 840 × 840
	Panel (H×W×D)	mm	33.5 × 950 × 950	33.5 × 950 × 950	33.5 × 950 × 950	33.5 × 950 × 950	33.5 × 950 × 950	33.5 × 950 × 950
Net Weight	Indoor	kg	21	21	21	21	24	24
	Panel	kg	5	5	5	5	5	5
<b>Outdoor Unit</b>								
Sound Pressure Level	dB (A)	47	48	50	50	54	55	56
Sound Power Level	dB	63	64	66	65	68	69	70
Dimension	Outdoor (H×W×D)	mm	695 × 875 × 320	695 × 875 × 320	695 × 875 × 320	695 × 875 × 320	996 × 980 × 370	996 × 980 × 370
Net Weight		kg	41	41	43	43	73	74
Piping Connection	Gas Pipe	mm (inch)	15.88 [5/8]	15.88 [5/8]	15.88 [5/8]	15.88 [5/8]	15.88 [5/8]	15.88 [5/8]
	Liquid Pipe	mm (inch)	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]
Pipe Length	Min-Max	m	7.5-50	7.5-50	7.5-50	7.5-50	7.5-50	7.5-50
Elevation Difference		m	25	25	30	30	30	30
Maximum Chargeless Length	Max	m	30	30	30	30	30	30
Additional Gas		g/m	50	50	50	50	50	50
Operating Range, Outdoor	Min-Max	°C	16-43	16-43	16-43	16-43	16-43	16-43



# CEILING MOUNTED

Model No.  
 S-18PT2A5      S-34PT2A5  
 S-21PT2A5      S-43PT2A5  
 S-24PT2A5      S-48PT2A5  
 S-30PT2A5



## TECHNICAL FOCUS

- Random Auto Restart
- Auto Fan Mode
- Weekly Timer (Wired Remote Controller only)
- 24-Hour On/Off Real Setting Timer
- Odour Wash
- Economy Mode
- Dry Mode Function
- Self-Diagnostic Function
- Selectable Thermo Sensor (Wired Remote Controller Only)
- 1st grade in Hong Kong Voluntary Energy Efficiency Labelling Scheme for Room Air Conditioner



## Accessories

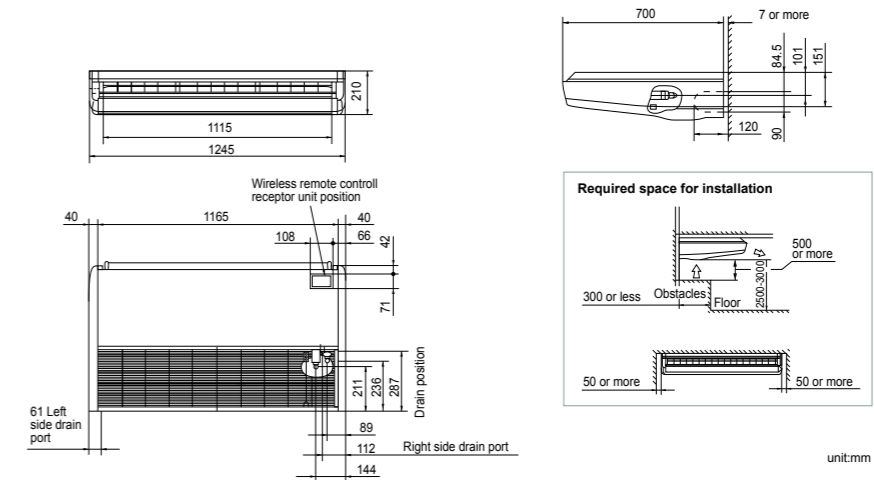
### Selectable Remote Controller



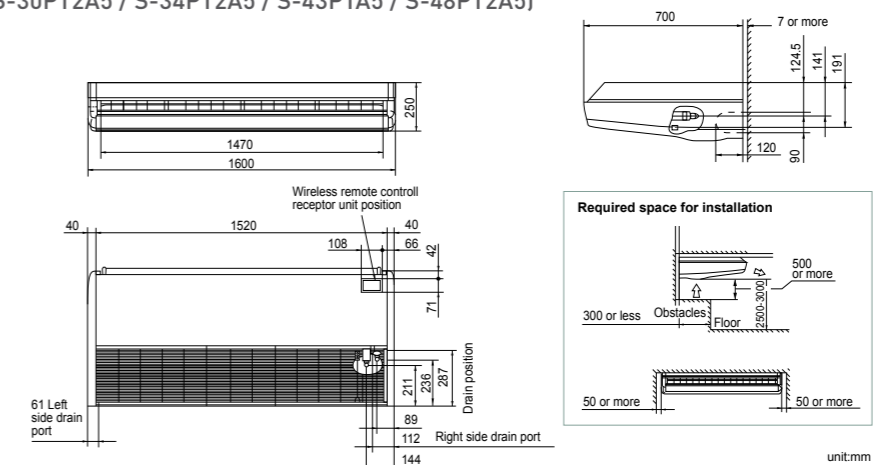
CZ-RD513C    CZ-RL013T



## Dimensions (S-18PT2A5 / S-21PT2A5 / S-24PT2A5)



## Dimensions (S-30PT2A5 / S-34PT2A5 / S-43PTA5 / S-48PT2A5)



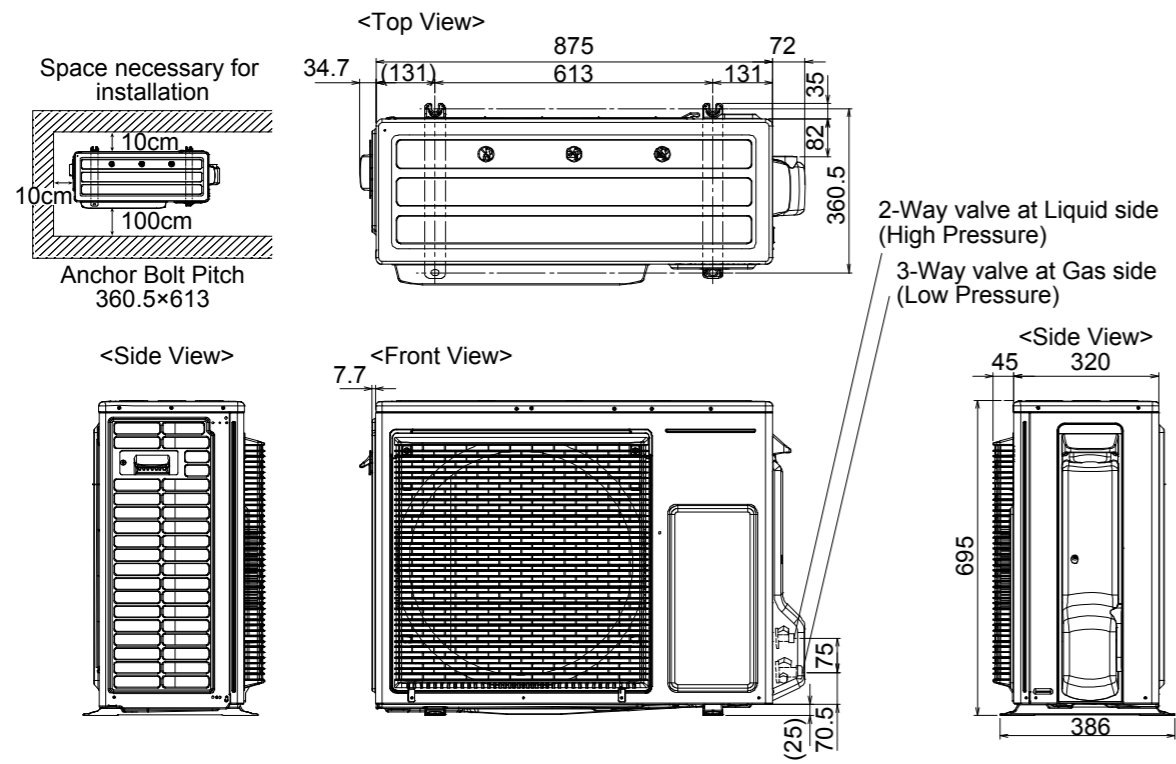
Capacity		17,100 Btu/h 2 HP	19,800 Btu/h 2.5 HP	24,200 Btu/h 3 HP	29,000 Btu/h 3.5 HP	34,100 Btu/h 4 HP	41,000 Btu/h 5 HP	47,800 Btu/h 6 HP	
Power Source	V/Phase Hz	220 V, 1Ø Phase - 50 Hz							
Indoor		S-18PT2A5	S-21PT2A5	S-24PT2A5	S-30PT2A5	S-34PT2A5	S-43PT2A5	S-48PT2A5	
Outdoor		U-18PS2A5	U-21PS2A5	U-24PS2A5	U-30PS2A5	U-34PS2A5	U-43PS2A5	U-48PS2A5	
Cooling Capacity: Rated (Min-Max)	kW	5.00 [2.10-5.60]	5.80 [2.10-6.30]	7.10 [3.10-8.00]	8.50 [3.40-10.00]	10.00 [3.80-11.20]	12.00 [3.80-12.70]	14.00 [3.80-15.40]	
	Btu/h	17,100 [7,170-19,100]	19,800 [7,170-21,500]	24,200 [10,600-27,300]	29,000 [11,600-34,100]	34,100 [13,000-38,200]	41,000 [13,000-43,300]	47,800 [13,000-52,600]	
Current: Rated (Max)	A	7.0 [9.5]	8.2 [11.0]	11.9 [13.0]	13.9 [14.5]	17.4 [24.0]	22.4 [26.0]	27.2 [28.0]	
Power Input: Rated (Min-Max)	kW	1.50 [0.47-1.90]	1.75 [0.47-2.10]	2.55 [0.77-2.90]	2.96 [0.85-3.50]	3.45 [0.90-4.00]	4.44 [0.90-4.80]	5.39 [1.10-6.20]	
	W/W	3.33	3.31	2.78	2.87	2.90	2.70	2.60	
COP / EER				9.49	9.80	9.88	9.23	8.87	
	Btu/hW	11.40	11.31	9.49	9.80	9.88	9.23	8.87	
<b>Indoor Unit</b>									
Air Volume	m <sup>3</sup> /min	18.0	18.0	18.0	29.0	29.0	31.0	32.0	
Sound Pressure Level (Hi/Lo)	dB [A]	43 / 39	43 / 39	43 / 39	45 / 40	45 / 40	48 / 44	50 / 46	
Sound Power Level (Hi/Lo)	dB	58 / 54	58 / 54	58 / 54	60 / 55	60 / 55	63 / 59	65 / 61	
Dimension	Indoor (H×W×D)	mm	210 × 1,245 × 700	210 × 1,245 × 700	210 × 1,245 × 700	250 × 1,600 × 700	250 × 1,600 × 700	250 × 1,600 × 700	250 × 1,600 × 700
Net Weight		kg	33	33	33	43	43	48	
<b>Outdoor Unit</b>									
Sound Pressure Level	dB [A]	47	48	50	50	54	55	56	
Sound Power Level	dB	63	64	66	65	68	69	70	
Dimension	Outdoor (H×W×D)	mm	695 × 875 × 320	695 × 875 × 320	695 × 875 × 320	695 × 875 × 320	996 × 980 × 370	996 × 980 × 370	996 × 980 × 370
Net Weight		kg	41	41	43	43	74	81	
Piping Connection	Gas Pipe	mm (inch)	15.88 [5/8]	15.88 [5/8]	15.88 [5/8]	15.88 [5/8]	15.88 [5/8]	15.88 [5/8]	
	Liquid Pipe	mm (inch)	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	9.52 [3/8]	
Pipe Length	Min-Max	m	7.5-50	7.5-50	7.5-50	7.5-50	7.5-50	7.5-50	
Elevation Difference		m	25	25	30	30	30	30	
Maximum Chargeless Length	Max	m	30	30	30	30	30	30	
Additional Gas		g/m	50	50	50	50	50	50	
Operating Range, Outdoor	Min-Max	°C	16-43	16-43	16-43	16-43	16-43	16-43	

# OUTDOOR UNITS

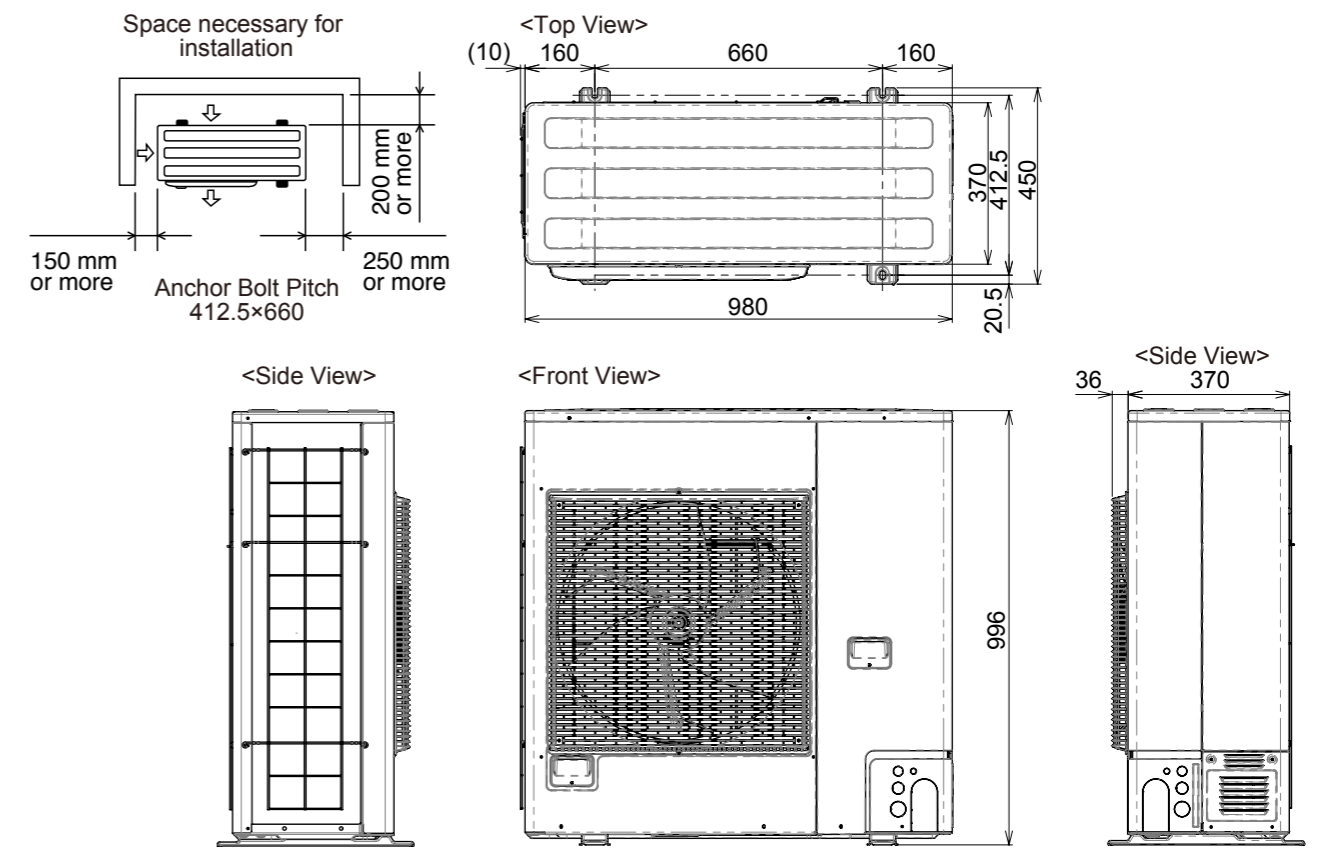
4-WAY CASSETTE / CEILING MOUNTED **NEW**

Dimensions (U-18PS2A5 / U-21PS2A5 / U-24PS2A5 / U-30PS2A5) 1-phase

Dimensions (U-34PS2A5 / U-43PS2A5 / U-48PS2A5) 1-phase



Unit:mm



Unit:mm