

PANASONIC AIR CONDITIONERS 2023 / 2024

Residential Air conditioners



nanoe™ X technology



Packaged Air conditioners



VRF Air conditioners



Panasonic®

- 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 September 2021.
- 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 damage or deterioration in safety due to usage of other refrigerant.

Authorized Dealer



Panasonic Heating & Cooling Solutions

Global site : aircon.panasonic.com
PRO Club : panasonicproclub.global

 Panasonic HVAC Global

Panasonic Customer Care Center

Ortigas Avenue Extension, Taytay, Rizal, 1920 Philippines

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Globe/TM subscribers : 21584703

SMART, SUN, TNT subscribers : 225654703

Fax : (02)8-706-7612

Facebook : Panasonic Philippines

Official Website : <https://www.panasonic.com/ph>



QUALITY AIR FOR LIFE



24-HOUR PROTECTION

with nanoe™ X + Comfort Cloud

Your health starts with you at home from the outside world. nanoe™ X with hydroxyl radicals contained in water helps families to ensure constantly clean and safe indoor environments by inhibiting bacteria, viruses, mould and other pollutants while deodorising for clean and fresh air.

Choose Panasonic air conditioners equipped with nanoe™ X and stay connected by downloading the Panasonic Comfort Cloud App* to manage your air conditioners with one device.



Comfort Cloud App
(Air Connectivity)



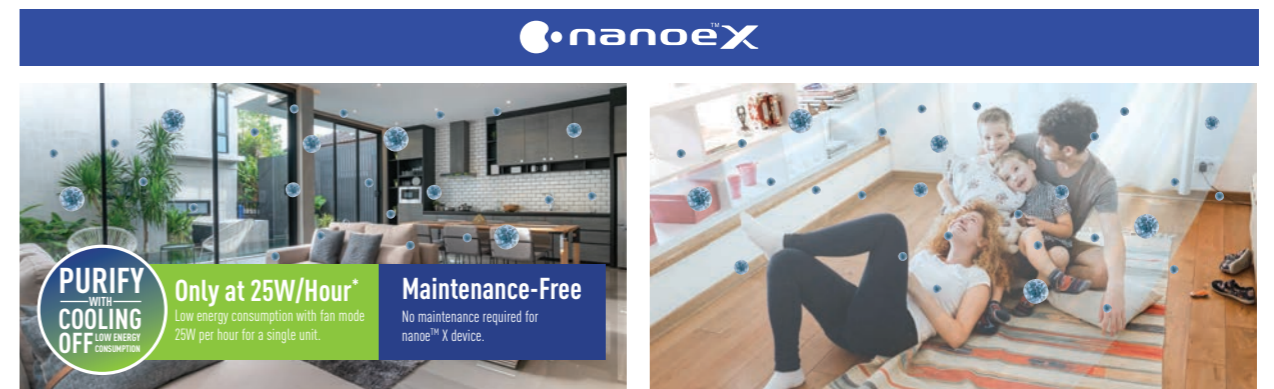
*A router with Internet connection is required to connect your air conditioner with the Panasonic Comfort Cloud App. The CZ-TACG1 accessory is required for PREMIUM INVERTER (3.0HP), DELUXE INVERTER and STANDARD INVERTER (1.0HP-2.5HP). Built-in Wireless LAN is only available for PREMIUM INVERTER (1.0HP-2.5HP).

For more information on comfort cloud, please refer to page 14.

Stay Safe Indoors with 24-Hour nanoe™ X Air Protection¹

nanoe™ X technology with the benefits of hydroxyl radicals can effectively inhibit adhered and airborne pollutants, and reduce odours. You can switch ON nanoe™ X mode with the air conditioning operation ON or OFF to actively clean your air when you are at home or operate independently when you are away from home.

nanoe™ X mode operates on low energy consumption and requires no maintenance – thanks to the titanium-made nanoe™ X device. nanoe™ X keeps you and your family safe indoors with 24-hour active air protection.



Switch nanoe™ X mode ON to inhibit pollutants and deodorise while you're away.

Provides a cleaner and comfortable space for you and your loved ones.

*Energy consumption may vary depending on models.

Smartify Your Air Conditioner Anytime, Anywhere

Take control of single or multiple air conditioning units wherever you are. Purify your home with the Panasonic Comfort Cloud App on your mobile device on-the-move.



Switch on nanoe™ X mode without cooling while away from home.

Convenience to monitor and manage the air conditioners with one mobile device.

¹The nanoe™ X mode can be run independently from cooling mode, and needs to be ON for the 24-hour air purification to function.

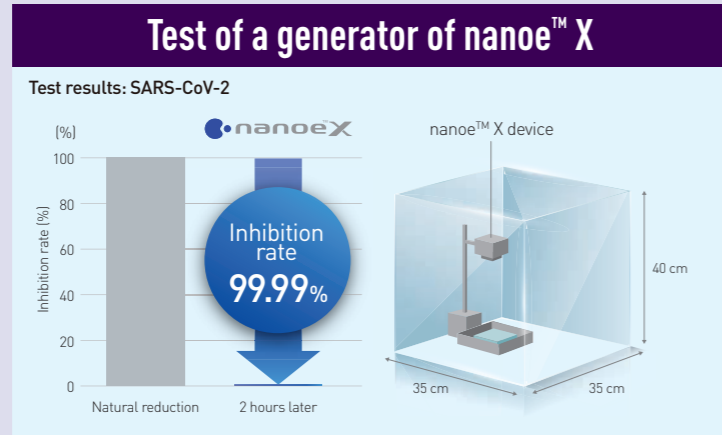
Test Results: Novel Coronavirus Activity Inhibited

Overview

The objective of this test was to determine if nanoe™ X inhibits the activity of the SARS-CoV-2 virus. Gauze saturated with SARS-CoV-2 virus solution was exposed to a generator of nanoe™ X from a distance of 15cm in a 45L box for 2 hours. Over 99.99% of the activity of the SARS-CoV-2 virus was inhibited.

Details

- (1) Testing organisation: TEXCELL (France)
- (2) Test subject: novel coronavirus (SARS-CoV-2)
- (3) Test volume: 45L enclosed box (400 mm x 350 mm x 350 mm)
- (4) Exposure time: 2 hours
- (5) Exposure distance: 15cm



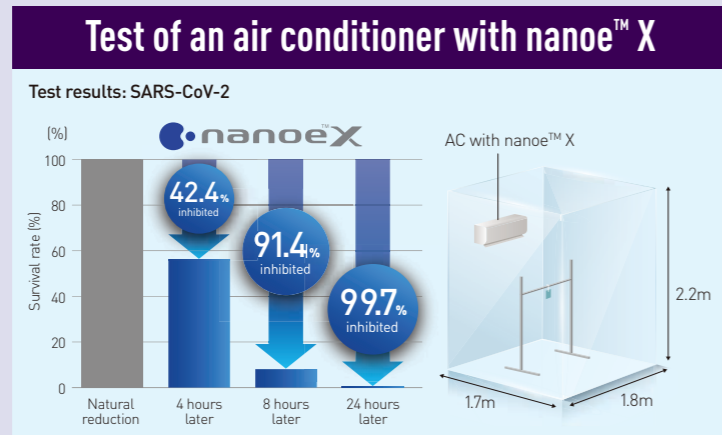
Notes: (1) The virus infectious titer was measured and used to calculate the inhibition rate. (2) This verification was designed to generate basic research data on the effects of nanoe™ X on the novel coronavirus in laboratory conditions. It was not designed to evaluate product performance.

Overview

The objective of this test was to determine if nanoe™ X inhibits the activity of the SARS-CoV-2 virus. Gauze saturated with SARS-CoV-2 virus solution was exposed to an air conditioner with nanoe™ X from a distance of 0.7 m in a 6.7 m³ room for 8 hours. Over 91% of the activity of the SARS-CoV-2 virus was inhibited.

Details

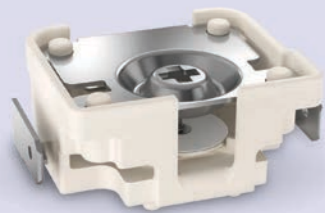
- (1) Testing organisation: Texcell (France)
- (2) Test subject: novel coronavirus (SARS-CoV-2)
- (3) Test volume: 6.7 m³ room (1.7 m x 1.8 m x 2.2 m)
- (4) Exposure time: 8 hours



Notes: (1) The virus infectious titer was measured and used to calculate the inhibition rate. (2) This verification was designed to generate basic research data on the effects of nanoe™ X on the novel coronavirus in laboratory conditions. Actual effects will vary depending on the environment and usage of the product.

The Development of nanoe™ X Generators

Enhancing the effectiveness of hydroxyl radicals contained in water through every new and improved nanoe™ X generator.



Generator	Mark 1	Mark 2 NEW
	4.8 trillion hydroxyl radicals/sec	9.6 trillion hydroxyl radicals/sec
Ion particle structure		

SCAN FOR MORE INFO



7 Effects of nanoe™ X

nanoe™ X technology effectively inhibits 5 types of pollutants, deodorises and moisturises with the benefits of hydroxyl radicals contained in water.

Deodorises	Inhibits 5 Types of Pollutants					Moisturises
Odours	Bacteria & Viruses	Mould	Allergens	Pollen	Hazardous Substances	Skin & Hair

Deodorises Various Types of Odours



nanoe™ X reduces strong, adhesive odours¹ by deeply penetrating into fabrics, resulting in lasting freshness in your living space.

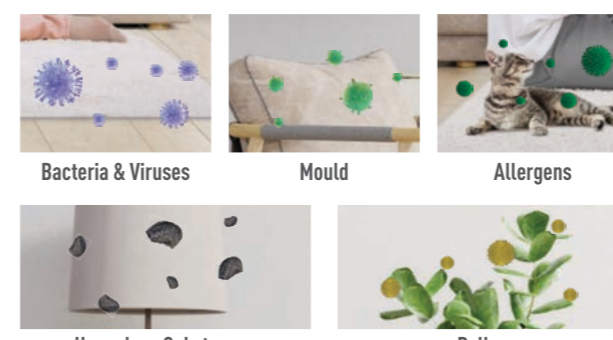
How nanoe™ X Reduces Odour

1. nanoe™ X reaches odour in fabric

2. Hydroxyl radicals break down odour-causing substances

3. Odour is eliminated

Inhibits 5 Types of Pollutants



nanoe™ X inhibits airborne and adhered pollutants², providing better air quality for your loved ones.

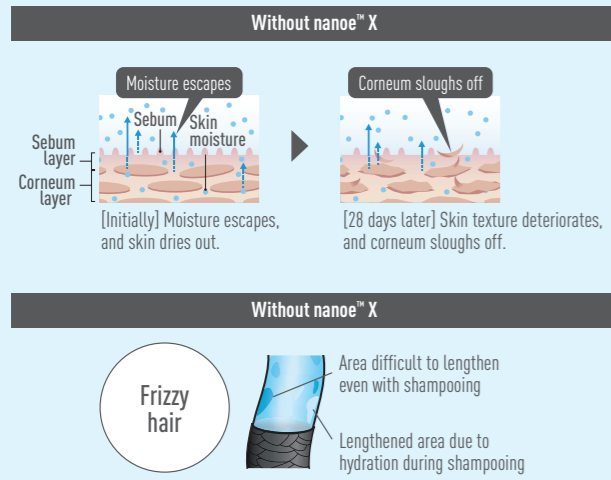
How nanoe™ X Inhibits Pollutants

1. nanoe™ X reaches pollutants in fabrics

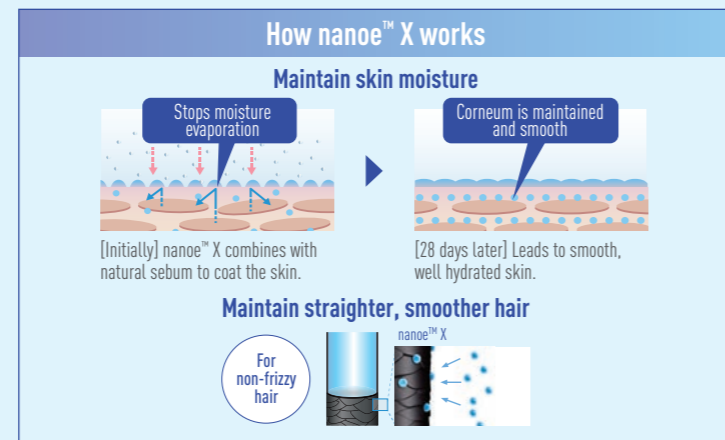
2. Hydroxyl radicals take hydrogen away from pollutants

3. Hydroxyl radicals transform hydrogen to inhibit the activity of pollutants

Moisturises Skin and Hair



nanoe™ X water particles help to achieve proper moisture balance, resulting in smooth, hydrated skin and hair³.



nanoe-G

Effective in removing 99% of dust particles⁴, nanoe-G releases negative ions to capture dust particles sized as small as PM2.5, carrying them back to the filter to provide a clean and pristine living space.

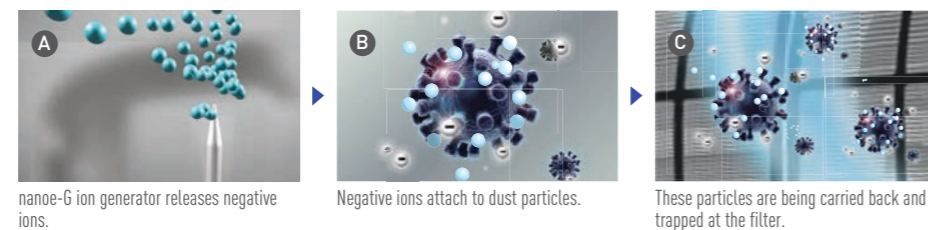
Dust Removal (PM2.5)

What is PM2.5?

PM or "Particulate Matter" comprises of tiny particles and liquid droplets. Measuring less than 2.5 micrometers (PM2.5), these particles pose health risks as they can enter our lungs easily. PM2.5 can be found airborne, including dust, dirt, smog and water droplets.

POLLEN	BACTERIA / MOULD	FINE PARTICLES
>10µm	<10µm	<2.5µm

How nanoe-G works



¹Please refer to page 57 ²Please refer to page 58 ³Please refer to page 63 ⁴Please refer to page 65



Manage at Ease Using Panasonic Comfort Cloud App

Bringing simplicity and convenience to your fingertips, Panasonic Comfort Cloud application gives you complete control of your air conditioning units anytime, anywhere.

The Panasonic Comfort Cloud application enables your mobile device to act as a remote controller, synchronising with your air conditioner in a matter of seconds. Perfect for multiple air conditioning units in single and multiple locations.

XU SERIES WITH BUILT-IN WIRELESS LAN

NEW
2021



Easy connectivity to Panasonic Comfort Cloud and removes the need to purchase and install network adaptor

AIR CONDITIONER WITH OPTIONAL NETWORK ADAPTOR



Optional Network Adaptor (CZ-TAC61)

Optional network adaptor is required

Learn more about the Panasonic Comfort App

Find out more about how the Panasonic Comfort Cloud can smartify your air and managing your Air conditioners anytime, anywhere.



Download Free App



Download on the App Store



GET IT ON Google Play



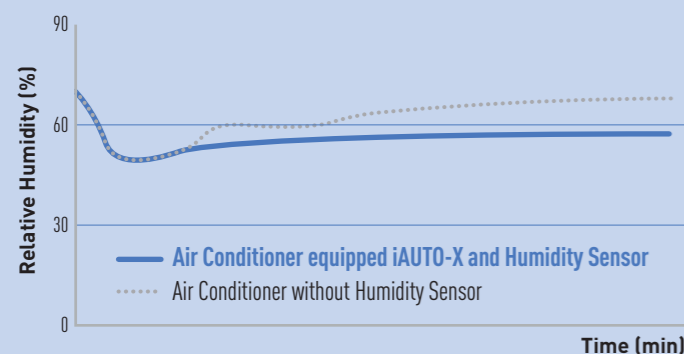
Problems Caused by High Humidity

A high relative humidity even with a low temperature may increase the risk of heat stroke. Causing discomfort and irregular sleep cycles.



Humidity Sensor Optimises An Ideal Sleeping Environment¹

Panasonic's new iAUTO-X with the Humidity Sensor constantly monitors and adjusts relative humidity levels to below 60% for an optimal sleeping environment, so you can enjoy better sleep with comfortable cooling.



* Comparison of iAUTO-X Mode & normal COOL mode by using 1.5HP PREMIUM INVERTER Model

iAUTO-X Mode:
 iAUTO-X Mode, Outside temperature : 35°C/24°C
 Remote setting temperature : 25°C, with Fan Speed: Auto
 Horizontal Airflow direction : Auto
 Vertical Airflow direction : Straight

Normal Cool Mode:
 Cool Mode, Outside temperature : 35°C/24°C
 Remote setting temperature : 25°C, with Fan Speed: High
 Horizontal Airflow direction : Middle
 Vertical Airflow direction : Straight

Average Room RH is measured every 1 hour up to 4th hour (under stable condition).
 At Panasonic Amenity Room [size:16.6m²]
 The effect differs according to conditions in installation and usage.



Without the humidity sensor, relative humidity increases in the room during stable operation causing uncomfortable sleeping environments.

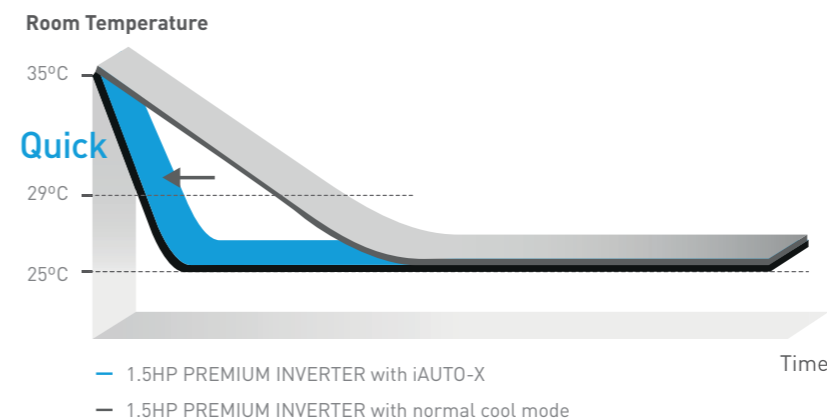


The humidity sensor automatically controls relative humidity below 60% to remain stable and comfortable during bedtime.



Faster Cooling with iAUTO-X¹

iAUTO-X provides stronger and faster cooling through the use of Panasonic Thermal Enhancement Technology (P-TECH) enabling the compressor to achieve maximum frequency quickly from start-up. With the new iAUTO-X function, you can reactivate iAUTO-X for faster cooling even after reaching stable temperatures.



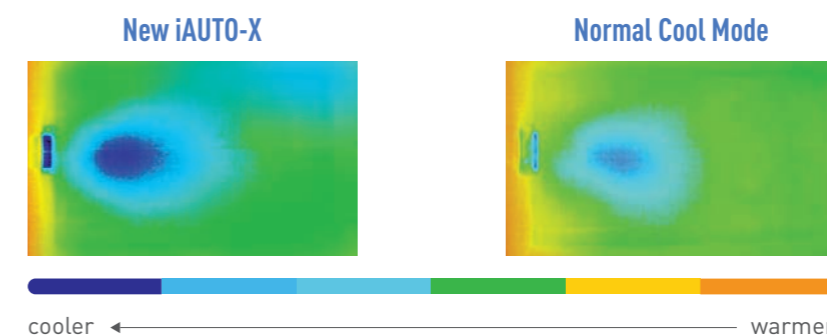
25%*
COOLER FASTER

* Comparison of iAUTO-X Mode & normal COOL mode by using 1.5HP

iAUTO-X Mode:
 iAUTO-X Mode, Outside temperature : 35°C/24°C
 Remote setting temperature : 25°C, with Fan Speed: Auto
 Horizontal Airflow direction : Auto
 Vertical Airflow direction : Straight

Normal Mode:
 Cool Mode, Outside temperature : 35°C/24°C
 Remote setting temperature : 25°C, with Fan Speed: High
 Horizontal Airflow direction : Middle
 Vertical Airflow direction : Straight

Total time needed to cool down the room from 35°C to 29°C is measured.
 At Panasonic Amenity Room [size:16.6m²]
 The effect differs according to conditions in installation and usage.



Concentrated airflow cools instantly. Room is evenly cooled.

Cool air blows downwards and cools the room at a slow pace, resulting in uneven cooling.



NEW AEROWINGS

Shower Cooling

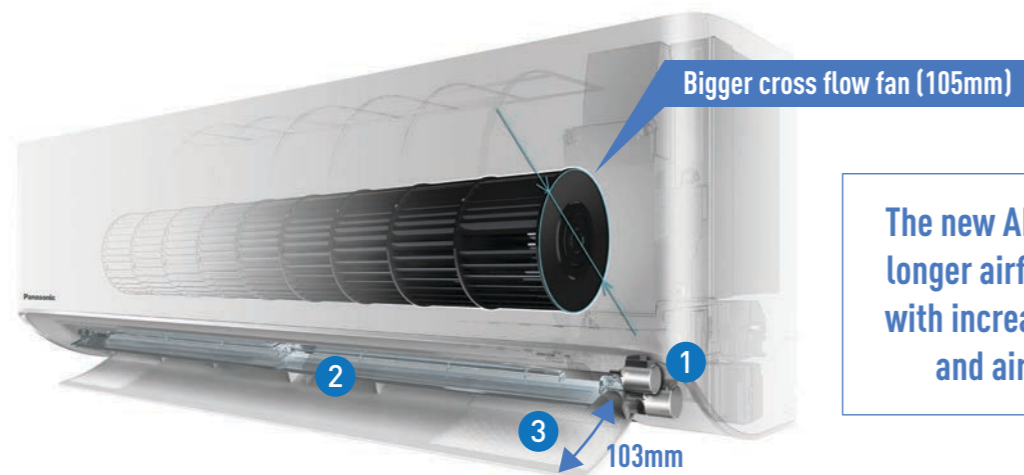
Shower airflow spreads fast, cool and concentrated air across room and to the wall, then showers down gently.

Fast Cooling

AEROWINGS twin flaps direct concentrated airflow downwards to cool you rapidly.

15 Meters Long Air Distance with The Improved New AEROWINGS¹

Evolving to provide fast and cooling comfort, the New AEROWINGS incorporates two independently controlled flaps to cool the room in the shortest time possible with a bigger cross flow fan (105mm) and flap (103mm), improving the ability to lift air speed efficiently.



The new AEROWINGS provides longer airflow up to 15 meters with increased airflow by 10% and air speed by 20%².

1 2 Independent Motors

Control the Sub-Flap and Bigger Outer Flap separately.

2 Sub-Flap

Compresses and concentrates cool air.

3 Bigger Outer Flap (103mm)

Helps to deliver airflow further.

¹Applicable to PREMIUM INVERTER (1.0HP-2.5HP) only. ²Compared to previous PREMIUM model (1.5HP)

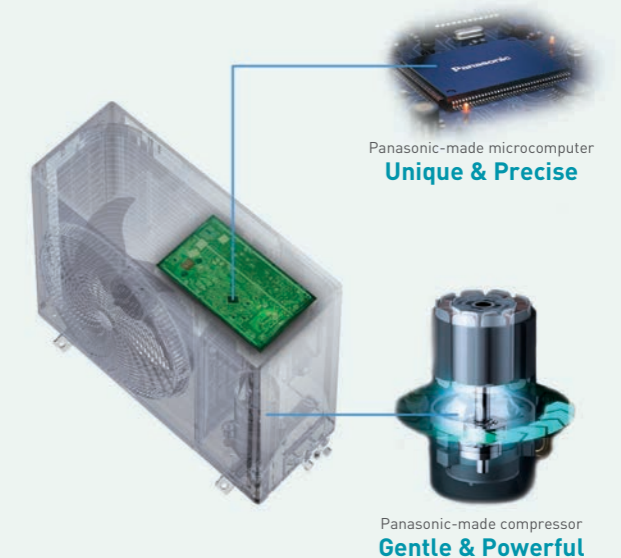
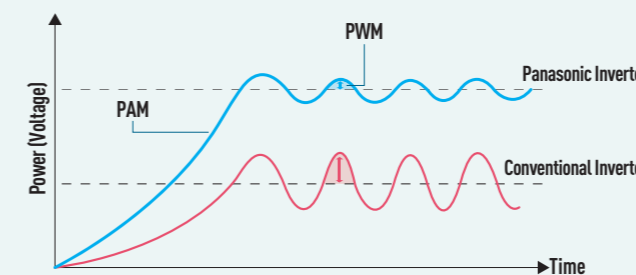


Powerful Performance with Efficiency

Panasonic's Inverter reduces power consumption by varying the speed of the compressor according to the temperature changes with the aim of minimising the temperature fluctuations so you can enjoy consistent cooling comfort.

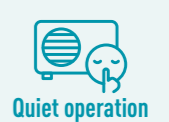
Quick Cooling and Constant Comfort

PAM (Pulse Amplitude Modulation) increases the power output to accelerate compressor speed at start up for quick cooling and PWM (Pulse Width Modulated Wave) stabilises the set temperature without wasting energy, offering constant comfort.



Benefits of Panasonic Inverter Technology

The energy-saving abilities of Inverters provide a host of benefits for your comfort, including fast cooling upon start-up, constantly maintaining a set temperature, a wider power output range and reduced noise levels.



Reasons to Choose Panasonic Inverter Air-Conditioner



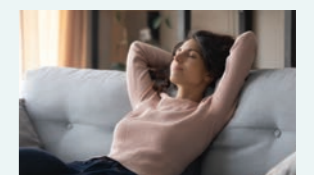
Save on Your Electricity Bill

Panasonic inverter air conditioner prevents overcooling or overheating regardless of room size or condition.



Stay Cool Throughout the Day

A wide power output range for inverter air conditioner models provides a balanced comfort regardless of temperature fluctuations caused by the occupancy level or heat-generating appliances.



Cut Down on Waiting Time

With powerful and quick start-up, you no longer have to wait to experience refreshing comfort.



Learn more about Inverter Technology at <https://www.panasonic.com/ph/consumer/air-conditioner-learn/features-explanation/inverter-technology.html>



An Environmental-Friendly Refrigerant

R32 refrigerant is an excellent heat transfer medium which leads to greater energy and cost-effectiveness. It also has low global warming potential, hence it's friendlier to the environment.

- HIGHER COOLING CAPACITY**
 R32 has **higher cooling capacity** thereby increases heat transfer efficiency.
- REDUCE ENERGY COSTS**
 It consumes **less energy**, helping you to save on electricity costs.
- ECO FRIENDLY**
 R32 has **zero impact** on the ozone layer, therefore it's environment friendly.

Refrigerant Properties of R32, R410A and R22

	R32	R410A	R22
Composition	Single Component	2 Components	Single Component
Chemical Formula	CH ₂ F ₂	CH ₂ F ₂ / CHF ₂ CF ₃	CHClF ₂
Boiling Point (°C)	-51.7	-51.5	-40.8
Ozone Depletion Potential (ODP)	0	0	0.055
Global Warming Potential (GWP)	675	2090	1810
Pressure	1.6 x	1.6 x	1x
Refrigerant Oil	Synthetic Oil (FW50S)	Synthetic Oil (FV50S)	Mineral Oil
Toxicity	None	None	None
Flammability	A2L Mildly flammable	A1 Non-flammable	A1 Non-flammable

Easy Breezy Installation & Servicing



* Good Design Award 2020 applicable to DELUXE INVERTER (1.0HP-2.0HP), STANDARD INVERTER (1.0HP-2.0HP) and STANDARD NON-INVERTER (1.0HP-1.5HP).

EASY REMOVAL

User-friendly slider locks



Easy to lock & unlock the front grille.

One-piece front grille



Makes installation & servicing easier when dismantling or assembling.

Simple steps for circuit board (PCB) removal



Remove control board cover.



Disconnect all the connectors.



Pull out main PCB, screw-free design makes it easy to remove PCB.

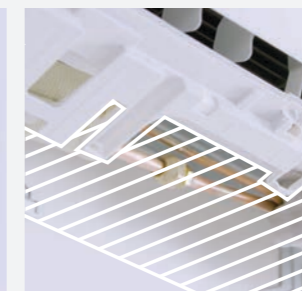
EASY ACCESS

Built-in support holders



Built-in support holder makes it easy to securely hold the indoor unit against the wall.

Piping storage



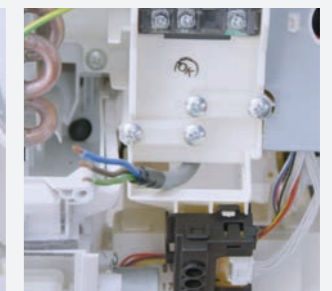
180mm bigger piping space improves work efficiency during installation and servicing.

Easy access to drain hose and piping



More open working spaces provide easy view and unobstructed access to setup drain hose and piping.

Easy wire insertion and connection



Single wire insert tunnel with wider opening provides front visibility plus easy wire insertion and connection.

NEAT INSTALLATION

Stronger installation plate



Stronger & more solid installation plate which provides more stability to better support indoor units.

Screw holders for uneven surfaces



Ensures indoor units fit well on the wall without any gaps.

Split Type Air conditioner Line-Up

WALL-MOUNTED PREMIUM INVERTER Single-Split Type **NEW**



CS-XU9XKQ | CS-XU12XKQ



CS-XU18XKQ | CS-XU24XKQ



Wireless (Standard)



Wireless CZ-RD514C (Optional)



MODEL	INDOOR UNIT (60Hz)		CS-XU9XKQ	CS-XU12XKQ	CS-XU18XKQ	CS-XU24XKQ
	OUTDOOR UNIT					
Cooling Capacity	(min-max)	kW	2.55 (0.92-3.20)	3.50 (1.02-4.20)	5.30 (1.10-6.21)	6.10 (1.12-7.18)
	(min-max)	kJ/h	9,180 (3,310-11,520)	12,600 (3,670-15,120)	19,080 (3,960-22,360)	21,960 (4,030-25,850)
EER	(min-max)	kJ/hW	14.34 (14.71-13.09)	14.00 (14.12-12.81)	15.14 (15.84-13.15)	14.17 (16.12-12.61)
Electrical Data	Voltage	V	230	230	230	230
	Current	A	3.1	4.1	5.7	6.9
	Power Input (min-max)	W	640 (225-880)	900 (260-1,180)	1,260 (250-1,700)	1,550 (250-2,050)
Moisture Removal		L/h (Pt/h)	1.6 (3.4)	2.0 (4.2)	2.9 (6.1)	3.4 (7.2)
Air Circulation	Indoor	m ³ /min (ft ³ /min)	11.8 (415)	12.5 (440)	18.7 (660)	19.2 (680)
	Outdoor	m ³ /min (ft ³ /min)	27.6 (970)	30.9 (1,090)	34.9 (1,230)	46.3 (1,635)
Noise Level	Indoor (H / L / Q-Lo)	dB (A)	38/26/19	40/28/19	44/32/27	45/34/28
	Outdoor (H)	dB (A)	47	48	50	51
Unit Dimensions Indoor (Outdoor)	Height	mm	295 (511)	295 (542)	295 (619)	295 (695)
		inch	11-5/8 (20-1/8)	11-5/8 (21-11/32)	11-5/8 (24-3/8)	11-5/8 (27-3/8)
	Width	mm	870 (650)	870 (780)	1,040 (824)	1,040 (875)
		inch	34-9/32 (25-19/32)	34-9/32 (30-23/32)	40-31/32 (32-15/32)	40-31/32 (34-15/32)
	Depth	mm	229 (230)	229 (289)	244 (299)	244 (320)
		inch	9-1/32 (9-1/16)	9-1/32(11-13/32)	9-5/8 (11-25/32)	9-5/8 (12-5/8)
Packaging Dimensions Indoor (Outdoor)	Height	mm	283 (578)	283 (603)	314 (680)	314 (761)
		inch	11-5/32 (22-25/32)	11-5/32 (23-3/4)	12-3/8 (26-25/32)	12-3/8 (29-31/32)
	Width	mm	952 (784)	952 (891)	1,148 (958)	1,148 (1,049)
		inch	37-1/2 (30-7/8)	37-1/2 (35-3/32)	45-7/32 (37-23/32)	45-7/32 (41-5/16)
	Depth	mm	374 (347)	374 (396)	383 (416)	383 (460)
		inch	14-3/4 (13-11/16)	14-3/4 (15-19/32)	15-3/32 (16-13/32)	15-3/32 (18-1/8)
Net Weight	Indoor / Outdoor	kg (lb)	10 (22) / 18 (40)	10 (22) / 23 (51)	12 (26) / 30 (66)	12 (26) / 39 (86)
Gross Weight	Indoor / Outdoor	kg (lb)	12 (26) / 20 (44)	12 (26) / 25 (55)	14 (31) / 33 (73)	14 (31) / 43 (95)
Refrigerant Pipe Diameter	Liquid Side	mm (inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas Side	mm (inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.70 (1/2)	ø 12.70 (1/2)
Pipe Extension	Chargeless Pipe Length	m	7.5	7.5	10.0	10.0
	Maximum Pipe Length	m	20	20	30	30
	Maximum Elevation Length	m	15	15	20	20
	Additional Refrigerant Gas*	g/m	10	10	15	15
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor

*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

OUTDOOR UNIT



CU-XU9XKQ



CU-XU12XKQ



CU-XU18XKQ



CU-XU24XKQ

Split Type Air conditioner Line-Up

WALL-MOUNTED PREMIUM INVERTER Single-Split Type



CS-XU30VKQ



Wireless (Standard)



Wireless CZ-RD514C (Optional)



Network Adaptor CZ-TACG1 (Optional)



MODEL	INDOOR UNIT (60Hz)		CS-XU30VKQ
	OUTDOOR UNIT		
Cooling Capacity	(min-max)	kW	8.20 (1.15-10.00)
	(min-max)	kJ/h	29,520 (4,140-36,000)
EER	(min-max)	kJ/hW	12.83 (11.83-11.25)
Electrical Data	Voltage	V	230
	Current	A	11.0
	Power Input (min-max)	W	2,300 (350-3,200)
Moisture Removal		L/h (Pt/h)	4.8 (10.1)
Air Circulation	Indoor	m ³ /min (ft ³ /min)	21.3 (750)
	Outdoor	m ³ /min (ft ³ /min)	50.2 (1,770)
Noise Level	Indoor (H / L / Q-Lo)	dB (A)	47/37/34
	Outdoor (H)	dB (A)	53
Unit Dimensions Indoor (Outdoor)	Height	mm	302 (795)
		inch	11-29/32 (31-5/16)
	Width	mm	1,120 (875)
		inch	44-1/8 (34-15/32)
	Depth	mm	241 (320)
		inch	9-1/2 (12-5/8)
Packaging Dimensions Indoor (Outdoor)	Height	mm	287 (899)
		inch	11-5/16 (35-13/32)
	Width	mm	1,190 (1,049)
		inch	46-7/8 (41-5/16)
	Depth	mm	378 (485)
		inch	14-29/32 (19-1/8)
Net Weight	Indoor / Outdoor	kg (lb)	13 (29) / 55 (121)
Gross Weight	Indoor / Outdoor	kg (lb)	15 (33) / 60 (132)
Refrigerant Pipe Diameter	Liquid Side	mm (inch)	ø 6.35 (1/4)
	Gas Side	mm (inch)	ø 15.88 (5/8)
Pipe Extension	Chargeless Pipe Length	m	10.0
	Maximum Pipe Length	m	30
	Maximum Elevation Length	m	20
	Additional Refrigerant Gas*	g/m	25
Power Supply			Outdoor

*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

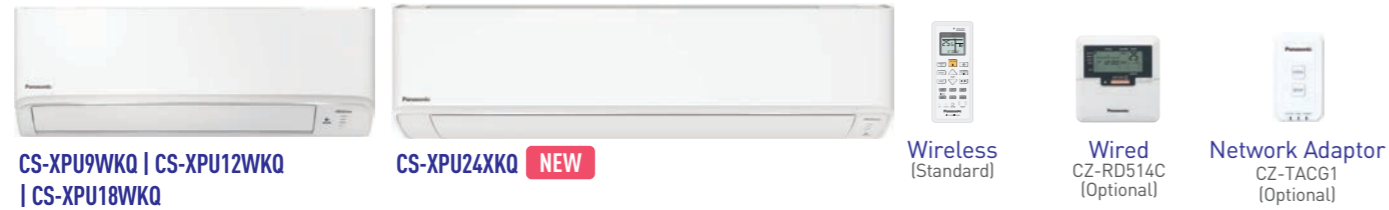
OUTDOOR UNIT



CU-XU30VKQ

Split Type Air conditioner Line-Up

WALL-MOUNTED DELUXE *INVERTER* Single-Split Type



MODEL	INDOOR UNIT ^(60Hz)		CS-XPU9WKQ	CS-XPU12WKQ	CS-XPU18WKQ	CS-XPU24XKQ
	OUTDOOR UNIT		CU-XPU9WKQ	CU-XPU12WKQ	CU-XPU18WKQ	CU-XPU24XKQ
Cooling Capacity	(min-max)	kW	2.54 (0.84-3.10)	3.06 (1.02-3.80)	5.00 (1.10-5.40)	6.10 (1.12-7.18)
	(min-max)	kJ/h	9,140 (3,020-11,160)	11,020 (3,670-13,680)	18,000 (3,960-19,440)	21,960 (4,030-25,850)
EER	(min-max)	kJ/hW	13.64 (13.73-12.61)	14.69 (14.98-11.69)	11.61 (13.66-10.80)	13.31 (16.12-12.61)
Electrical Data	Voltage	V	230	230	230	230
	Current	A	3.2	3.4	7.0	7.4
	Power Input (min-max)	W	670 (220-885)	750 (245-1,170)	1,550 (290-1,800)	1,650 (250-2,050)
Moisture Removal	L/h (Pt/h)		1.6 (3.4)	1.7 (3.6)	2.8 (5.9)	3.4 (7.2)
Air Circulation	Indoor	m ³ /min (ft ³ /min)	10.3 (365)	10.8 (380)	12.6 (445)	19.2 (680)
	Outdoor	m ³ /min (ft ³ /min)	27.3 (960)	31.6 (1,120)	39.3 (1,390)	34.9 (1,230)
Noise Level	Indoor (H / L / Q-Lo)	dB (A)	36/26/21	38/28/21	44/34/28	45/36/29
	Outdoor (H)	dB (A)	47	48	51	51
Unit Dimensions Indoor (Outdoor)	Height	mm	290 (511)	290 (542)	290 (619)	295 (619)
		inch	11-7/16 (20-1/8)	11-7/16 (21-11/32)	11-7/16 (24-3/8)	11-5/8 (24-3/8)
	Width	mm	779 (650)	779 (780)	779 (824)	1,040 (824)
		inch	30-11/16 (25-19/32)	30-11/16 (30-23/32)	30-11/16 (32-15/32)	40-31/32 (32-15/32)
	Depth	mm	209 (230)	209 (289)	209 (299)	244 (299)
		inch	8-1/4 (9-1/16)	8-1/4 (11-13/32)	8-1/4 (11-25/32)	9-5/8 (11-25/32)
Packaging Dimensions Indoor (Outdoor)	Height	mm	255 (578)	255 (603)	255 (680)	314 (680)
		inch	10-1/16 (22-25/32)	10-1/16 (23-3/4)	10-1/16 (26-25/32)	12-3/8 (26-25/32)
	Width	mm	861 (784)	861 (891)	861 (958)	1,148 (958)
		inch	33-29/32 (30-7/8)	33-29/32 (35-3/32)	33-29/32 (37-23/32)	45-7/32 (37-23/32)
	Depth	mm	364 (347)	364 (396)	364 (416)	383 (416)
		inch	14-11/32 (13-11/16)	14-11/32 (15-19/32)	14-11/32 (16-13/32)	15-3/32 (16-13/32)
Net Weight	Indoor / Outdoor	kg (lb)	8 (18) / 18 (40)	8 (18) / 23 (51)	9 (20) / 29 (64)	12 (26) / 31 (68)
Gross Weight	Indoor / Outdoor	kg (lb)	9 (20) / 20 (44)	9 (20) / 25 (55)	10 (22) / 32 (71)	14 (31) / 34 (75)
Refrigerant Pipe Diameter	Liquid Side	mm (inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas Side	mm (inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.70 (1/2)	ø 12.70 (1/2)
Pipe Extension	Chargeless Pipe Length	m	7.5	7.5	10.0	10.0
	Maximum Pipe Length	m	20	20	30	30
	Maximum Elevation Length	m	15	15	20	20
	Additional Refrigerant Gas*	g/m	10	10	15	15
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor

*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

OUTDOOR UNIT



Split Type Air conditioner Line-Up

WALL-MOUNTED STANDARD *INVERTER* Single-Split Type



MODEL	INDOOR UNIT ^(60Hz)		CS-PU9WKQ	CS-PU12WKQ	CS-PU18WKQ	CS-PU24XKQ
	OUTDOOR UNIT		CU-PU9WKQ	CU-PU12WKQ	CU-PU18WKQ	CU-PU24XKQ
Cooling Capacity	(min-max)	kW	2.54 (0.84-3.10)	3.06 (1.02-3.80)	5.00 (1.10-5.40)	6.10 (1.12-7.18)
	(min-max)	kJ/h	9,140 (3,020-11,160)	11,020 (3,670-13,680)	18,000 (3,960-19,440)	21,960 (4,030-25,850)
EER	(min-max)	kJ/hW	13.64 (13.73-12.61)	14.69 (14.98-11.69)	11.61 (13.66-10.80)	13.31 (16.12-12.61)
Electrical Data	Voltage	V	230	230	230	230
	Current	A	3.2	3.4	7.0	7.4
	Power Input (min-max)	W	670 (220-885)	750 (245-1,170)	1,550 (290-1,800)	1,650 (250-2,050)
Moisture Removal	L/h (Pt/h)		1.6 (3.4)	1.7 (3.6)	2.8 (5.9)	3.4 (7.2)
Air Circulation	Indoor	m ³ /min (ft ³ /min)	10.3 (365)	10.8 (380)	12.6 (445)	19.2 (680)
	Outdoor	m ³ /min (ft ³ /min)	27.3 (960)	31.6 (1,120)	39.3 (1,390)	34.9 (1,230)
Noise Level	Indoor (H / L / Q-Lo)	dB (A)	36/26/21	38/28/21	44/34/28	45/36/29
	Outdoor (H)	dB (A)	47	48	51	51
Unit Dimensions Indoor (Outdoor)	Height	mm	290 (511)	290 (542)	290 (619)	295 (619)
		inch	11-7/16 (20-1/8)	11-7/16 (21-11/32)	11-7/16 (24-3/8)	11-5/8 (24-3/8)
	Width	mm	779 (650)	779 (780)	779 (824)	1,040 (824)
		inch	30-11/16 (25-19/32)	30-11/16 (30-23/32)	30-11/16 (32-15/32)	40-31/32 (32-15/32)
	Depth	mm	209 (230)	209 (289)	209 (299)	244 (299)
		inch	8-1/4 (9-1/16)	8-1/4 (11-13/32)	8-1/4 (11-25/32)	9-5/8 (11-25/32)
Packaging Dimensions Indoor (Outdoor)	Height	mm	255 (578)	255 (603)	255 (680)	314 (680)
		inch	10-1/16 (22-25/32)	10-1/16 (23-3/4)	10-1/16 (26-25/32)	12-3/8 (26-25/32)
	Width	mm	861 (784)	861 (891)	861 (958)	1,148 (958)
		inch	33-29/32 (30-7/8)	33-29/32 (35-3/32)	33-29/32 (37-23/32)	45-7/32 (37-23/32)
	Depth	mm	364 (347)	364 (396)	364 (416)	383 (416)
		inch	14-11/32 (13-11/16)	14-11/32 (15-19/32)	14-11/32 (16-13/32)	15-3/32 (16-13/32)
Net Weight	Indoor / Outdoor	kg (lb)	8 (18) / 18 (40)	8 (18) / 23 (51)	9 (20) / 29 (64)	12 (26) / 31 (68)
Gross Weight	Indoor / Outdoor	kg (lb)	9 (20) / 20 (44)	9 (20) / 25 (55)	10 (22) / 32 (71)	14 (31) / 34 (75)
Refrigerant Pipe Diameter	Liquid Side	mm (inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas Side	mm (inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.70 (1/2)	ø 12.70 (1/2)
Pipe Extension	Chargeless Pipe Length	m	7.5	7.5	10.0	10.0
	Maximum Pipe Length	m	20	20	30	30
	Maximum Elevation Length	m	15	15	20	20
	Additional Refrigerant Gas*	g/m	10	10	15	15
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor

*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

OUTDOOR UNIT



Split Type Air conditioner Line-Up

WALL-MOUNTED

STANDARD **INVERTER** Single-Split Type



CS-PU36WKQ



Wireless (Standard)

POWERFUL | **INVERTER**

MODEL	INDOOR UNIT [60Hz]		CS-PU36WKQ
	OUTDOOR UNIT		CU-PU36WKQ
Cooling Capacity	(min-max)	kW	10.0 (2.7-11.0)
	(min-max)	kJ/h	36,000 (9,720-39,600)
EER	(min-max)	kJ/hW	10.8 (17.1-10.6)
Electrical Data	Voltage	V	230
	Current	A	15.0
	Power Input (min-max)	W	3,330 (570-3,730)
Moisture Removal		L/h (Pt/h)	4.4 (9.4)
Air Circulation	Indoor	m ³ /min (ft ³ /min)	24.0 (847)
	Outdoor	m ³ /min (ft ³ /min)	82.2 (2,902)
Noise Level	Indoor (H / L / Q-Lo)	dB (A)	49/39
	Outdoor (H)	dB (A)	57
Unit Dimensions Indoor (Outdoor)	Height	mm	295 (955)
		inch	11-5/8 (37-5/8)
	Width	mm	1,160 (1,100)
		inch	45-11/16 (43-5/16)
	Depth	mm	255 (370)
		inch	10-1/16 (14-19/32)
Packaging Dimensions Indoor (Outdoor)	Height	mm	375 (1,018)
		inch	14-25/32 (40-3/32)
	Width	mm	1,250 (1,305)
		inch	49-7/32 (51-13/32)
	Depth	mm	331 (535)
		inch	13-1/16 (21-3/32)
Net Weight	Indoor / Outdoor	kg (lb)	14 (31) / 76 (168)
Gross Weight	Indoor / Outdoor	kg (lb)	20 (44) / 85 (187)
Refrigerant Pipe Diameter	Liquid Side	mm (inch)	ø 6.35 (1/4)
	Gas Side	mm (inch)	ø 15.88 (5/8)
Pipe Extension	Chargeless Pipe Length	m	10.0
	Maximum Pipe Length	m	30
	Maximum Elevation Length	m	20
	Additional Refrigerant Gas*	g/m	25
Power Supply			Outdoor

*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

OUTDOOR UNIT



CU-PU36WKQ

Split Type Air conditioner Line-Up

WALL-MOUNTED

STANDARD NON-INVERTER Single-Split Type **NEW**



CS-PN9XKQ | CS-PN12XKQ



CS-PN18XKQ | CS-PN24XKQ



Wireless (Standard)

BIG FLAP | **AEROWINGS** | **POWERFUL**

(CS-PN9/12XKQ) (CS-PN18/24XKQ)

MODEL	INDOOR UNIT [60Hz]		CS-PN9XKQ	CS-PN12XKQ	CS-PN18XKQ	CS-PN24XKQ
	OUTDOOR UNIT		CU-PN9XKQ	CU-PN12XKQ	CU-PN18XKQ	CU-PN24XKQ
Cooling Capacity	(min-max)	kW	2.67	3.55	5.25	6.80
	(min-max)	kJ/h	9,610	12,780	18,900	24,480
EER	(min-max)	kJ/hW	11.2	11.5	11.2	11.4
Electrical Data	Voltage	V	230	230	230	230
	Current	A	3.8	4.9	7.4	9.6
	Power Input (min-max)	W	860	1,110	1,690	2,140
Moisture Removal		L/h (Pt/h)	1.6 (3.4)	2.1 (4.4)	2.9 (6.1)	3.9 (8.2)
Air Circulation	Indoor	m ³ /min (ft ³ /min)	10.4 (367)	11.5 (406)	17.9 (632)	20.5 (724)
	Outdoor	m ³ /min (ft ³ /min)	29.2 (1,030)	33.6 (1,190)	36.9 (1,300)	52.5 (1,850)
Noise Level	Indoor (H / L / Q-Lo)	dB (A)	36/26	40/29	43/39	47/42
	Outdoor (H)	dB (A)	49	50	54	55
Unit Dimensions Indoor (Outdoor)	Height	mm	290 (511)	290 (542)	295 (619)	295 (695)
		inch	11-7/16 (20-1/8)	11-7/16 (21-11/32)	11-5/8 (24-3/8)	11-5/8 (27-3/8)
	Width	mm	779 (650)	779 (780)	1,040 (824)	1,040 (875)
		inch	30-11/16 (25-19/32)	30-11/16 (30-23/32)	40-31/32 (32-15/32)	40-31/32 (34-15/32)
	Depth	mm	209 (230)	209 (289)	244 (299)	244 (320)
		inch	8-1/4 (9-1/16)	8-1/4 (11-13/32)	9-5/8 (11-25/32)	9-5/8 (12-5/8)
Packaging Dimensions Indoor (Outdoor)	Height	mm	255 (578)	255 (603)	314 (680)	314 (761)
		inch	10-1/16 (22-25/32)	10-1/16 (23-3/4)	12-3/8 (26-25/32)	12-3/8 (29-31/32)
	Width	mm	861 (784)	861 (891)	1,148 (958)	1,148 (1,049)
		inch	33-29/32 (30-7/8)	33-29/32 (35-3/32)	45-7/32 (37-23/32)	45-7/32 (41-5/16)
	Depth	mm	364 (347)	364 (396)	383 (416)	383 (460)
		inch	14-11/32 (13-11/16)	14-11/32 (15-19/32)	15-3/32 (16-13/32)	15-3/32 (18-1/8)
Net Weight	Indoor / Outdoor	kg (lb)	8 (18) / 21 (46)	8 (18) / 28 (62)	12 (26) / 35 (77)	12 (26) / 54 (119)
Gross Weight	Indoor / Outdoor	kg (lb)	9 (20) / 23 (51)	9 (20) / 30 (66)	14 (31) / 38 (84)	14 (31) / 58 (128)
Refrigerant Pipe Diameter	Liquid Side	mm (inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas Side	mm (inch)	ø 9.52 (3/8)	ø 12.70 (1/2)	ø 12.70 (1/2)	ø 15.88 (5/8)
Pipe Extension	Chargeless Pipe Length	m	7.5	7.5	7.5	7.5
	Maximum Pipe Length	m	20	20	30	30
	Maximum Elevation Length	m	15	15	20	20
	Additional Refrigerant Gas*	g/m	10	10	15	25
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor

*When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.

OUTDOOR UNIT



CU-PN9XKQ



CU-PN12XKQ



CU-PN18XKQ










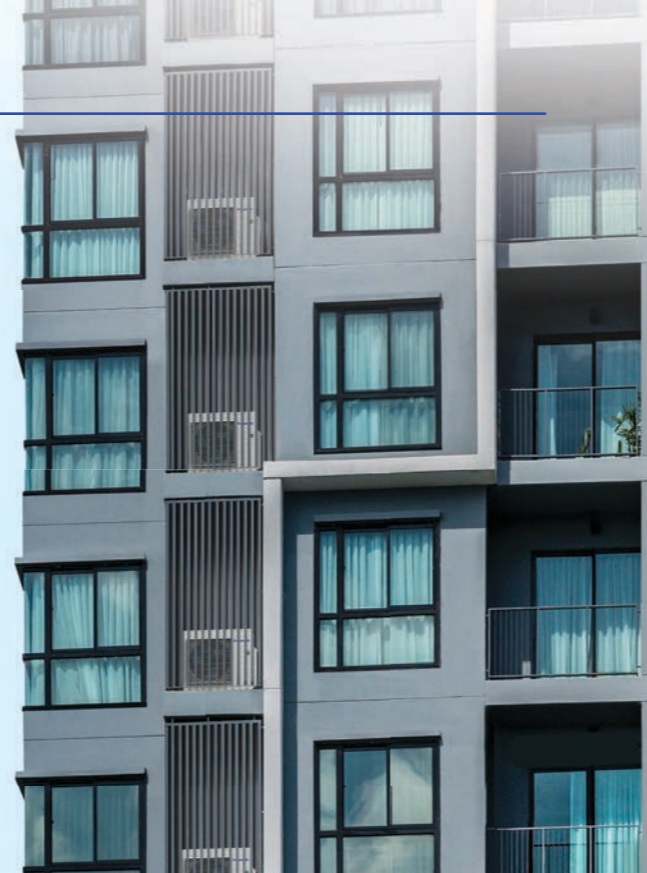
CU-PN24XKQ

ONE SYSTEM THAT HOUSES ALL

Panasonic Multi-Split Air Conditioning System with R32 Refrigerant

Panasonic's Multi-Split Air Conditioning System with the environmentally friendly R32 refrigerant offers flexible multi-zone cooling solutions with just one outdoor unit, perfect for installation with limited outdoor spaces. Connects up to 4 rooms with independent indoor operational control and a vast selection of indoor types from a wide cooling capacity range. Enjoy a comfortable and cleaner living space with our customisable multi-split system.

Model	System 2	System 3	System 4	
	CU-2U18YBZ	CU-3U27YBZ	CU-4U28YBZ	CU-4U34YBZ
Capacity Range (kW) Rated (Min - Max)	 5.10 (1.50 - 6.10)	 7.50 (2.80 - 9.50)	 8.00 (2.80 - 10.20)	 9.50 (2.90 - 11.50)
Indoor Selection	 X-DELUXE INVERTER R32	 STANDARD INVERTER R32	 SLIM DUCTED	



BENEFITS OF PANASONIC MULTI-SPLIT SYSTEM

Panasonic Multi-Split system offers installation versatility, independent control, space saving while maintaining great efficiency.



VARIOUS COMBINATIONS FOR DIFFERENT NEEDS

Multiple types of indoor units are available for you to choose from based on your needs, preferences, and interior layouts. The various combinations of indoor units offer an ideal multi-zone cooling solution for your home.



INDEPENDENT INDOOR UNIT OPERATIONAL CONTROL

Multiple indoor units are connected independently to the outdoor unit, enabling each indoor unit to be controlled separately.



IDEAL SOLUTION FOR LIMITED SPACES

A tidier solution is to install only one outdoor unit rather than multiple outdoor units. This is great for residential buildings with limited outdoor unit installation.



BETTER HEAT DISPERSION TO MAINTAIN EFFICIENCY

Since the outdoor unit releases hot air out to the environment during the cooling operation, placing multiple outdoor units in a narrow space may cause overheating and potentially damage or shorten the lifespan of the outdoor units. Meanwhile, a single outdoor unit provides better air circulation and heat dispersion, while maintaining cooling performance and efficiency.

PANASONIC MULTI-SPLIT OUTDOOR

Panasonic Multi-Split Outdoor is designed to produce increased cooling capacity indoors to accommodate large spaces. It is energy saving with its high energy efficiency by using the inverter technology and R32 refrigerant gas. The outdoor unit offers flexibility up to 11.50kW and up to 4 ports. It is equipped with chargeless gas for easy installation and is durable outdoors. The compact design and long piping provides greater installation flexibility for indoor units.

Connectable up to 2 indoor units



CU-2U18YBZ

Connectable up to 3 indoor units



CU-3U27YBZ

Connectable up to 4 indoor units

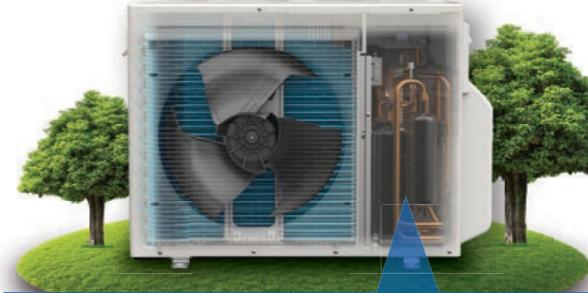


CU-4U28YBZ CU-4U34YBZ






ENERGY EFFICIENCY



Panasonic INVERTER technology
Quick Cooling and Constant Comfort



Panasonic-made microcomputer
Unique & Precise



Panasonic-made compressor
Gentle & Powerful



Panasonic air conditioners are equipped with the environmentally friendly R32 refrigerant which efficiently carries heat, leading to greater energy and cost-effectiveness with lower environmental impact.



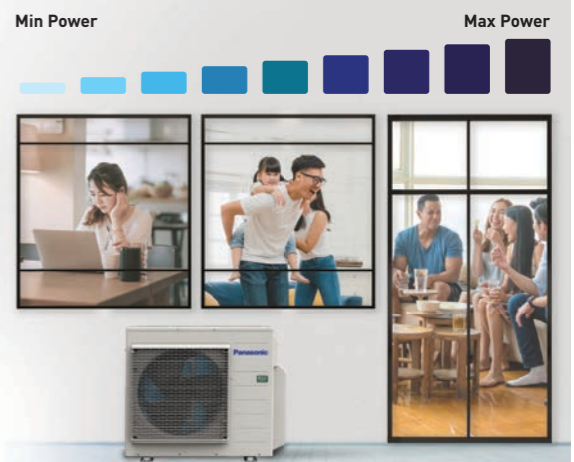
Panasonic Inverter technology controls the temperature precisely to provide consistent cooling comfort while saving energy.

WIDE COOLING CAPACITY RANGE

With maximum outdoor cooling capacity range of up to 11.50kW*, a single outdoor unit can now be connected to indoor units of higher cooling capacity range, offering more flexibility to scale cooling operation according to different needs and preferences.

Outdoor unit	Outdoor Cooling Capacity kW Rated (min-max)	Max. indoor units combination
CU-2U18YBZ	5.10 (1.50 - 6.10)	8.5kW
CU-3U27YBZ	7.50 (2.80 - 9.50)	14.8kW
CU-4U28YBZ	8.0 (2.80 - 10.20)	16.2kW
CU-4U34YBZ	9.50 (2.90 - 11.50)	17.6kW

*Up to 11.50kW apply to CU-4U34YBZ.



FLEXIBLE DESIGN

With more compact outdoor units and extended pipe length, the system is your solution to overcoming space and installation limitations. Mix and match the indoor units depending on capacity requirements and interior room layout.



Flexible to install in large space and open concept area

Space saving outdoor units

CU-2U18YBZ (619mm x 824mm x 299mm)	CU-3S27KKZ (795mm x 875mm x 320mm)
542mm	695mm
780mm(+70)	875mm(+95)
289mm	320mm
HEIGHT 77mm shorter	HEIGHT 100mm shorter
WEIGHT 4kg lighter	WEIGHT 20kg lighter

Long piping ensures installation flexibility

15m (max. elevation length)

Increase total piping length to 70m*

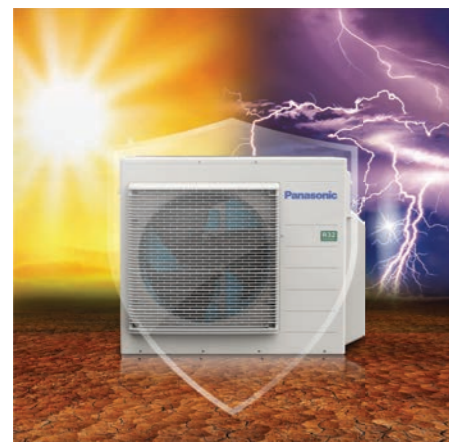
*CU-4U28YBZ and CU-4U34YBZ

EASY INSTALLATION

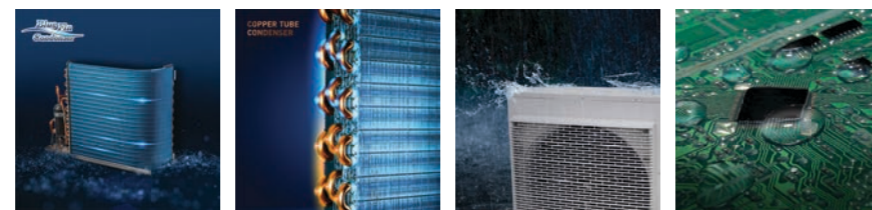
Installation is made easier and flexible with the new improved outdoor units. No additional cost for refrigerant gas is required to fill up the outdoor unit on initial installation, even with the extended pipe length.



DURABLE OUTDOOR



Panasonic's outdoor unit provides high durability for an extended period of time under a wide range of conditions to achieve excellent performance.



Corrosion-Resistant and Anti-Rust Blue Fin Condenser

Better Heat Transfer with Copper Tube Condenser

Corrosion-Resistant Outdoor Coating

Water-Resistant Printed Circuit Board (PCB)

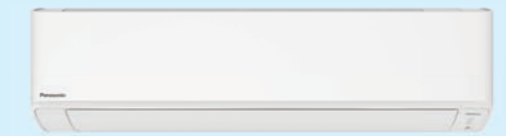
X-DELUXE INVERTER R32 NEW

The X-Deluxe Inverter R32 comes with nanoe™ X air purification system to provide 24-hour nanoe™ X protection while AEROWINGS provides further and faster airflow. Comes with a built-in network adaptor that helps connect to the Panasonic Comfort Cloud App and gain remote access to control the air conditioning units anytime, anywhere.

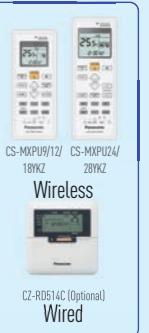


Scan to know more

CS-MXPU9YKZ (2.8kW) | CS-MXPU12YKZ (3.5kW) | CS-MXPU18YKZ (5.0kW)



CS-MXPU24YKZ (6.0kW) | CS-MXPU28YKZ (7.1kW)



24-HOUR nanoe™ X PROTECTION

Activate nanoe™ X all day long to stay safe with quality indoor air. nanoe™ X effectively inhibits novel coronavirus and various types of pollutants, reduces odour as well as moisturises skin and hair.



Inhibits 5 Types of Pollutants

- Bacteria & Viruses
- Mould
- Allergens
- Pollen
- Hazardous Substances

Deodorises

Odours

Moisturises

Skin & Hair



CONVENIENT CENTRALISED CONTROL

With the built-in network adaptor connectable to Panasonic Comfort Cloud App, control and monitor all air conditioning units from mobile devices remotely. Turn on nanoe™ X when you are away from home or schedule timer according to your lifestyle needs, and monitor energy consumption conveniently.



INSTANT COOLING COMFORT WITH POWERFUL MODE OR QUIET MODE

The AEROWINGS twin flaps shower cooling feature directs cool air further and faster across the room and to the wall. It then showers down gently to cool you rapidly while avoiding direct cooling. Switch on POWERFUL Mode to enjoy cooling comfort instantly, even on a hot day. Reduce indoor noise levels by 3dB(A) and enjoy uninterrupted sleep quality with QUIET Mode.



POWERFUL

Quiet ON

Quiet Mode

28dB(A)*

↓

25dB(A)

*CS-MXPU9/12YKZ

Note: Illustrations of app screens may differ from the actual screen appearance.

STANDARD INVERTER R32 NEW

The Standard Inverter R32 series provides instant cooling upon start-up with POWERFUL Mode. For cooling comfort, AEROWINGS delivers further and faster airflow, while Big Flap directs cool air across the room. With an optional network adaptor, you can control the air conditioning units with the Panasonic Comfort Cloud App anytime, anywhere.



Scan to know more

CS-MPU9YKZ (2.8kW) | CS-MPU12YKZ (3.5kW) | CS-MPU18YKZ (5.0kW)

CS-MPU24YKZ (6.0kW) | CS-MPU28YKZ (7.1kW)

CS-MPU9/12/18YKZ | CS-MPU24/28YKZ

Wireless

CZ-R0514C (Optional) Wired

CZ-TACG1 (Optional) Network Adaptor

BIG FLAP (CS-MPU9/12/18YKZ) | **AEROWINGS** (CS-MPU24/28YKZ)



POWERFUL



CONVENIENT CENTRALISED CONTROL

With an optional network adaptor (CZ-TACG1), connect to Panasonic Comfort Cloud App to remotely control and monitor all air conditioning units from mobile devices. Adjust temperature, or schedule timer according to your lifestyle needs, and monitor energy consumption conveniently.



INSTANT COOLING WITH A PUSH OF A BUTTON

POWERFUL Mode cools the room faster by decreasing the setting temperature by 2°C and operating the indoor fan at a higher speed to create powerful instant cooling during start-up.



POWERFUL

COMFORT COOLING ENVIRONMENT WITH QUIET MODE

Panasonic AEROWINGS delivers further and faster airflow, while Big Flap directs cool air across the room to offer a comfortable, cooling environment. Switch on the Quiet Mode to ensure lower noise levels for a peaceful environment.

AEROWINGS

Further and faster airflow across the room

*CS-MPU24YKZ & CS-MPU28YKZ

BIG FLAP

Big bottom flap directs cool air across the room

*CS-MPU9YKZ, CS-MPU12YKZ & CS-MPU18YKZ

Quiet ON

Quiet Mode

28dB(A)*

↓

25dB(A)

*CS-MPU9/12YKZ

Note: 1. Illustrations of app screens may differ from actual screen appearance.

SLIM DUCTED NEW

Featuring slim and compact design with built-in drain pump for flexible installation in narrow ceiling spaces. Cool airflow is directed towards the ceiling over a wide-angle range. With an optional network adaptor (CZ-TACG1), connect air conditioning units to Panasonic Comfort Cloud App for a convenient control anytime, anywhere.



Scan to know more

CS-MU9YD3Z (2.8kW) | CS-MU12YD3Z (3.5kW) | CS-MU18YD3Z (5.0kW) | CS-MU24YD3Z (6.0kW)

CS-MU9/12/18/24YD3Z

Wireless

CZ-R0514C (Optional) Wired

CZ-TACG1 (Optional) Network Adaptor

DP | **POWERFUL** | **Quiet Mode** | **Panasonic Comfort Cloud App (Optional)**

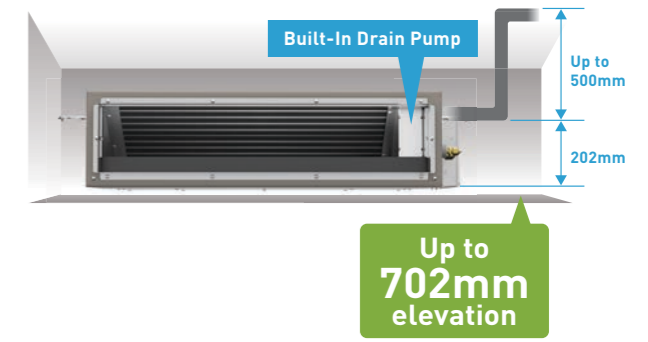
200mm HEIGHT TO FIT NARROW CEILING SPACES

Slim and compact design with 200mm height, requiring only 240mm ceiling space for installation in narrow ceiling spaces.



FLEXIBLE INSTALLATION

Panasonic's ducted unit is designed to be slim and compact. This, with the built-in drain pump and bottom air intake function, allows for flexible installation that can fit the interior of any room.



COOLING COMFORT WITH POWERFUL MODE

When POWERFUL Mode is switched on, the internal setting temperature will shift lower and increases fan speed, offering instant powerful cooling when you need to cool the space quickly after arriving home.

POWERFUL

Press 'POWERFUL' once to switch ON POWERFUL Mode

The receiver's indicator will light up in orange colour when POWERFUL Mode is on



Directs cool air towards ceiling

Note: Illustrations of app screens may differ from actual screen appearance.

Features Comparison

NEW

SPLIT TYPE	WALL-MOUNTED X-DELUXE INVERTER R32		WALL-MOUNTED STANDARD INVERTER R32		SLIM DUCTED
	CS-MXPU9YKZ CS-MXPU12YKZ CS-MXPU18YKZ	CS-MXPU24YKZ CS-MXPU28YKZ	CS-MPU9YKZ CS-MPU12YKZ CS-MPU18YKZ	CS-MPU24YKZ CS-MPU28YKZ	CS-MU9YD3Z CS-MU12YD3Z CS-MU18YD3Z CS-MU24YD3Z
COOLING MODELS					
COMFORT					
Inverter Control	•	•	•	•	•
SLEEP Sleep Mode	•	•	•	•	•
Quiet Mode	•	•	•	•	•
POWERFUL Mode	•	•	•	•	•
ECO Mode with A.I.	[Temperature shift]	[Temperature shift]	[Temperature shift]	[Temperature shift]	
Soft Dry Operation Mode	•	•	•	•	•
Personal Airflow Creation		•		•	
Airflow Direction Control (Up & Down)	•		•		
Manual Horizontal Airflow Direction Control	•		•		
CLEANER AIR					
nanoe™ X	•	•			
nanoe-G	•	•			
Odour-Removing Function	•	•	•	•	•
Removable, Washable Panel	•	•	•	•	•
CONVENIENCE					
24-Hour Dual ON & OFF Real Setting Timer	•	•	•	•	•
LCD Wireless Remote Control	•	•	•	•	•
Wireless LAN Remote Control For Internet Connection	[Built-in]	[Built-in]	[Optional]	[Optional]	[Optional]
Wired Remote Control	[Optional]	[Optional]	[Optional]	[Optional]	[Optional]
Bottom Air Intake					•
Built-In Drain Pump					•
RELIABILITY					
Random Auto Restart (32 Restart Patterns)	•	•	•	•	•
Blue Fin Condenser	•	•	•	•	•
Top-Panel Maintenance Access	•	•	•	•	•
Self-Diagnostic Function	•	•	•	•	•

Connection of Outdoor and Indoor Units

NEW

Models	Indoor Units: Possible Combination Patterns (Must be within capacity range)	Indoor Units Combination Range	Indoor Unit Combination			
			Capacity (kW class)	X-DELUXE INVERTER R32	STANDARD INVERTER R32	SLIM DUCTED
System 2 Dimensions (H x W x D): 542 x 780 x 289 mm	PORT A: 2.8 or 3.5 or 5.0 *Either unit PORT B: 2.8 or 3.5 or 5.0 *Either unit	5.6kW to 8.5kW	2.8	○	○	○
			3.5	○	○	○
			5.0	○	○	○
System 3 Dimensions (H x W x D): 695 x 875(+95) x 320 mm	PORT A: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT B: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT C: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit	5.6kW to 14.8kW	2.8	○	○	○
			3.5	○	○	○
			5.0	○	○	○
			6.0	○	○	○
			7.1	○	○	
System 4 Dimensions (H x W x D): 695 x 875(+95) x 320 mm	PORT A: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT B: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT C: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT D: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit	5.6kW to 16.2kW	2.8	○	○	○
			3.5	○	○	○
			5.0	○	○	○
			6.0	○	○	○
			7.1	○	○	
System 4 Dimensions (H x W x D): 795 x 875(+95) x 320 mm	PORT A: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT B: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT C: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit PORT D: 2.8 or 3.5 or 5.0 or 6.0 or 7.1 *Either unit	5.6kW to 17.6kW	2.8	○	○	○
			3.5	○	○	○
			5.0	○	○	○
			6.0	○	○	○
			7.1	○	○	

Indoor Units Specifications

NEW

MODEL		WALL-MOUNTED X-DELUXE INVERTER R32				
		CS-MXPU9YKZ	CS-MXPU12YKZ	CS-MXPU18YKZ	CS-MXPU24YKZ	CS-MXPU28YKZ
Cooling Capacity	kW	2.8	3.5	5.0	6.0	7.1
	kJ/h	10,080	12,600	18,000	21,600	25,560
Power Source		Single Phase, 230V, 60Hz				
Sound Pressure Level (H/L)	dB(A)	43/28	44/28	45/34	49/39	49/39
Air Circulation (H)	m ³ /min (ft ² /min)	12.7 (450)	13.1 (460)	13.3 (470)	20.2 (715)	20.5 (725)
Dimensions	Height	mm	290	290	290	295
	Width	mm	779	779	779	1,040
	Depth	mm	209	209	209	244
Net Weight		kg	8	8	9	14
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52	ø 12.70*2
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor

Note: Pipe size expander CZ-MA2PA is not required when outdoor units CU-4U34YBZ are connected to CS-MXPU24YKZ and CS-MXPU28YKZ.

MODEL		WALL-MOUNTED STANDARD INVERTER R32				
		CS-MPU9YKZ	CS-MPU12YKZ	CS-MPU18YKZ	CS-MPU24YKZ	CS-MPU28YKZ
Cooling Capacity	kW	2.8	3.5	5.0	6.0	7.1
	kJ/h	10,080	12,600	18,000	21,600	25,560
Power Source		Single Phase, 230V, 60Hz				
Sound Pressure Level (H/L)	dB(A)	43/28	44/28	45/34	49/39	49/39
Air Circulation (H)	m ³ /min (ft ² /min)	12.7 (450)	13.1 (460)	13.3 (470)	20.2 (715)	20.5 (725)
Dimensions	Height	mm	290	290	290	295
	Width	mm	779	779	779	1,040
	Depth	mm	209	209	209	244
Net Weight		kg	8	8	9	14
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52	ø 12.70*2
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor

Note: Pipe size expander CZ-MA2PA is not required when outdoor unit CU-4U34YBZ is connected to CS-MPU24YKZ and CS-MPU28YKZ.

MODEL		SLIM DUCTED			
		CS-MU9YD3Z	CS-MU12YD3Z	CS-MU18YD3Z	CS-MU24YD3Z
Cooling Capacity	kW	2.8	3.5	5.0	6.0
	kJ/h	10,080	12,600	18,000	21,600
Power Source		Single Phase, 230V, 60Hz			
Sound Pressure Level (H/L)	dB(A)	35/28	35/28	41/30	41/30
Air Circulation (H)	m ³ /min (ft ² /min)	13.2 (465)	13.2 (465)	15.5 (545)	15.5 (545)
Dimensions	Height	mm	200	200	200
	Width	mm	750	750	750
	Depth	mm	640	640	640
Net Weight		kg	19	19	19
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52
Power Supply			Outdoor	Outdoor	Outdoor

Note: Pipe size expander CZ-MA2PA is not required when outdoor units CU-4U34YBZ are connected to CS-MU24YD3Z.

Outdoor Units Specifications

NEW

MODEL		U SERIES			
		CU-2U18YBZ	CU-3U27YBZ	CU-4U28YBZ	CU-4U34YBZ
Cooling Capacity	(min - max) kW	5.10 (1.50 - 6.10)	7.50 (2.80 - 9.50)	8.00 (2.80 - 10.20)	9.50 (2.90 - 11.50)
	(min - max) kJ/h	18,360 (5,400 - 21,960)	27,000 (10,080 - 34,200)	28,800 (10,080 - 36,720)	34,200 (10,440 - 41,400)
Power Source		Single Phase, 230V, 60Hz			
Maximum Indoor Connectable Capacity		kW	8.5	14.8	16.2
Maximum Connectable Indoor		units	2	3	4
Electrical Data	Running Current	A	5.8	8.8	9.0
	Power Input (min - max)	W	1,310 (250 - 1,900)	1,980 (540 - 2,740)	2,000 (540 - 3,200)
EER	(min - max) kJ/hW		14.02 (21.60 - 11.56)	13.64 (18.67 - 12.48)	14.40 (18.67 - 11.48)
	(min - max) W/W		3.89 (6.00 - 3.21)	3.79 (5.19 - 3.47)	4.00 (5.19 - 3.19)
Sound Pressure Level (H/L)	dB(A)	50/45	49/44	49/44	54/49
Maximum Current		A	10.4	16.2	16.6
Starting Current		A	6.1	9.2	9.4
Compressor Output		W	900	1,500	1,500
Dimensions	Height	mm	542	695	695
	Width	mm	780	875 (+95)	875 (+95)
	Depth	mm	289	320	320
Net Weight		kg	33	48	48
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35 x2	ø 6.35 x3	ø 6.35 x4
	Gas Side	mm	ø 9.52 x2	ø 9.52 x3	ø 9.52 x4
Pipe Extension	Maximum Pipe Length	1 Room (m)	20	30	30
		Total (m)	30	60	70
	Maximum Elevation Length	m	15	15	15
	Additional Refrigerant Gas	g/m	Chargeless	Chargeless	Chargeless
Refrigerant Type			R32	R32	R32

Accessories



CZ-MA1PA

*1 CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2" (12.70mm) to 3/8" (9.52mm).



CZ-MA2PA

*2 CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8" (9.52mm) to 1/2" (12.70mm).

Outdoor and Indoor Units Combination

NEW

CU-2U18YBZ

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)						Input Power (W)		Current [60Hz] [A]	Moisture Removal VolumeL/h
			Room A	Room B	Room C	Room D	Total	min - max	Rated	min - max	230V	
1 Room	2.8	2.8	2.80				2.80	1.10 - 3.50	650	220 - 890	3.0	1.6
	3.5	3.5	3.50				3.50	1.10 - 4.20	890	220 - 1,370	4.0	2.0
	5.0	5.0	5.00				5.00	1.10 - 5.10	1,800	220 - 1,860	7.9	2.7
2 Rooms	2.8+2.8	5.6	2.50	2.50			5.00	1.50 - 5.90	1,270	260 - 1,900	5.7	1.5+1.5
	2.8+3.5	6.3	2.22	2.78			5.00	1.50 - 5.95	1,270	260 - 1,900	5.7	1.4+1.6
	2.8+5.0	7.8	1.81	3.24			5.05	1.50 - 6.05	1,290	250 - 1,900	5.7	1.2+1.8
	3.5+3.5	7.0	2.50	2.50			5.00	1.50 - 6.00	1,270	260 - 1,900	5.7	1.5+1.5
	3.5+5.0	8.5	2.10	3.00			5.10	1.50 - 6.10	1,310	250 - 1,900	5.8	1.4+1.7

CU-3U27YBZ

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)						Input Power (W)		Current [60Hz] [A]	Moisture Removal VolumeL/h
			Room A	Room B	Room C	Room D	Total	min - max	Rated	min - max	230V	
1 Room	2.8	2.8	2.80				2.80	1.70 - 3.60	650	380 - 930	2.9	1.6
	3.5	3.5	3.50				3.50	1.70 - 4.60	890	380 - 1,470	4.0	2.0
	5.0	5.0	5.00				5.00	1.70 - 5.60	1,600	380 - 1,920	7.0	2.7
	6.0	6.0	6.00				6.00	1.90 - 7.30	1,780	400 - 2,830	7.8	3.3
	7.1	7.1	7.10				7.10	1.90 - 7.50	2,570	400 - 3,070	11.3	4.1
2 Rooms	2.8+2.8	5.6	2.80	2.80			5.60	1.70 - 7.35	1,580	380 - 2,690	7.1	1.6+1.6
	2.8+3.5	6.3	2.80	3.50			6.30	1.90 - 7.90	1,970	400 - 2,970	8.8	1.6+2.0
	2.8+5.0	7.8	2.30	4.10			6.40	2.60 - 7.95	2,030	540 - 3,000	9.1	1.5+2.3
	2.8+6.0	8.8	2.28	4.88			7.15	2.80 - 8.45	2,130	550 - 3,020	9.5	1.5+2.7
	2.8+7.1	9.9	2.04	5.16			7.20	2.80 - 8.50	2,160	550 - 3,020	9.7	1.3+2.8
	3.5+3.5	7.0	3.18	3.18			6.35	1.90 - 7.95	2,000	400 - 2,970	9.0	1.8+1.8
	3.5+5.0	8.5	2.66	3.79			6.45	2.60 - 8.00	2,060	540 - 3,000	9.2	1.6+2.2
	3.5+6.0	9.5	2.63	4.52			7.15	2.80 - 8.50	2,130	550 - 3,020	9.5	1.6+2.5
	3.5+7.1	10.6	2.38	4.82			7.20	2.80 - 8.55	2,260	550 - 3,210	10.2	1.5+2.6
	5.0+5.0	10.0	3.25	3.25			6.50	2.60 - 8.10	2,250	540 - 3,110	10.2	1.8+1.8
	5.0+6.0	11.0	3.27	3.93			7.20	2.80 - 8.55	2,260	550 - 3,210	10.2	1.9+2.3
	5.0+7.1	12.1	3.00	4.25			7.25	2.80 - 8.60	2,160	550 - 3,020	9.7	1.7+2.4
	6.0+6.0	12.0	3.73	3.73			7.45	2.80 - 9.20	2,320	550 - 3,220	10.4	2.2+2.2
	6.0+7.1	13.1	3.44	4.06			7.50	2.80 - 9.25	2,350	550 - 3,220	10.5	2.0+2.3
	7.1+7.1	14.2	3.75	3.75			7.50	2.80 - 9.30	2,350	550 - 3,220	10.5	2.2+2.2
3 Rooms	2.8+2.8+2.8	8.4	2.33	2.33	2.33		7.00	2.80 - 9.00	1,830	550 - 3,050	8.1	1.5+1.5+1.5
	2.8+2.8+3.5	9.1	2.15	2.15	2.69		7.00	2.80 - 9.05	1,830	550 - 3,050	8.1	1.4+1.4+1.6
	2.8+2.8+5.0	10.6	1.86	1.86	3.33		7.05	2.80 - 9.10	1,850	550 - 3,050	8.2	1.2+1.2+1.9
	2.8+2.8+6.0	11.6	1.73	1.73	3.70		7.15	2.80 - 9.25	1,860	540 - 3,030	8.3	1.1+1.1+2.2
	2.8+2.8+7.1	12.7	1.59	1.59	4.03		7.20	2.80 - 9.30	1,860	540 - 3,030	8.3	1.0+1.0+2.3
	2.8+3.5+3.5	9.8	2.00	2.50	2.50		7.00	2.80 - 9.10	1,830	550 - 3,050	8.1	1.3+1.5+1.5
	2.8+3.5+5.0	11.3	1.75	2.18	3.12		7.05	2.80 - 9.15	1,840	550 - 3,050	8.2	1.1+1.4+1.8
	2.8+3.5+6.0	12.3	1.63	2.03	3.49		7.15	2.80 - 9.30	1,850	540 - 3,030	8.2	1.0+1.3+2.0
	2.8+3.5+7.1	13.4	1.50	1.88	3.81		7.20	2.80 - 9.35	1,850	540 - 3,030	8.2	1.0+1.2+2.2
	2.8+5.0+5.0	12.8	1.58	2.81	2.81		7.20	2.80 - 9.20	1,890	550 - 3,050	8.4	1.0+1.6+1.6
	2.8+5.0+6.0	13.8	1.48	2.64	3.17		7.30	2.80 - 9.35	1,900	540 - 3,030	8.4	0.9+1.6+1.8
	2.8+6.0+6.0	14.8	1.42	3.04	3.04		7.50	2.80 - 9.50	1,980	540 - 2,740	8.8	0.9+1.7+1.7
	3.5+3.5+3.5	10.5	2.33	2.33	2.33		7.00	2.80 - 9.15	1,830	550 - 3,050	8.1	1.5+1.5+1.5
	3.5+3.5+5.0	12.0	2.06	2.06	2.94		7.05	2.80 - 9.20	1,840	550 - 3,050	8.2	1.3+1.3+1.7
	3.5+3.5+6.0	13.0	1.93	1.93	3.30		7.15	2.80 - 9.35	1,850	540 - 3,030	8.2	1.2+1.2+1.9
3.5+3.5+7.1	14.1	1.79	1.79	3.63		7.20	2.80 - 9.40	1,850	540 - 3,030	8.2	1.2+1.2+2.1	
3.5+5.0+5.0	13.5	1.87	2.67	2.67		7.20	2.80 - 9.25	1,890	550 - 3,050	8.4	1.2+1.6+1.6	
3.5+5.0+6.0	14.5	1.76	2.52	3.02		7.30	2.80 - 9.40	1,900	540 - 3,030	8.4	1.1+1.5+1.7	

NEW

CU-4U28YBZ

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)						Input Power (W)		Current [60Hz] [A]	Moisture Removal VolumeL/h
			Room A	Room B	Room C	Room D	Total	min - max	Rated	min - max	230V	
1 Room	2.8	2.8	2.80				2.80	1.70 - 3.60	650	380 - 930	2.9	1.6
	3.5	3.5	3.50				3.50	1.70 - 4.60	890	380 - 1,470	4.0	2.0
	5.0	5.0	5.00				5.00	1.70 - 5.60	1,600	380 - 1,920	7.0	2.7
	6.0	6.0	6.00				6.00	1.90 - 7.30	1,780	400 - 2,830	7.8	3.3
	7.1	7.1	7.10				7.10	1.90 - 7.50	2,570	400 - 3,070	11.3	4.1
2 Rooms	2.8+2.8	5.6	2.80	2.80			5.60	1.70 - 7.35	1,750	380 - 2,850	7.9	1.6+1.6
	2.8+3.5	6.3	2.80	3.50			6.30	1.90 - 7.90	2,150	400 - 3,100	9.7	1.6+2.0
	2.8+5.0	7.8	2.30	4.10			6.40	2.60 - 8.00	2,210	540 - 3,100	10.0	1.5+2.3
	2.8+6.0	8.8	2.28	4.88			7.15	2.80 - 8.45	2,240	550 - 3,210	10.1	1.5+2.7
	2.8+7.1	9.9	2.04	5.16			7.20	2.80 - 8.50	2,260	550 - 3,210	10.2	1.3+2.8
	3.5+3.5	7.0	3.18	3.18			6.35	1.90 - 7.95	2,150	400 - 3,100	9.7	1.8+1.8
	3.5+5.0	8.5	2.66	3.79			6.45	2.60 - 8.05	2,230	540 - 3,110	10.1	1.6+2.2
	3.5+6.0	9.5	2.63	4.52			7.15	2.80 - 8.50	2,240	550 - 3,210	10.1	1.6+2.5
	3.5+7.1	10.6	2.38	4.82			7.20	2.80 - 8.55	2,260	550 - 3,210	10.2	1.5+2.6
	5.0+5.0	10.0	3.25	3.25			6.50	2.60 - 8.10	2,250	540 - 3,110	10.2	1.8+1.8
	5.0+6.0	11.0	3.27	3.93			7.20	2.80 - 8.55	2,260	550 - 3,210	10.2	1.9+2.3
	5.0+7.1	12.1	3.00	4.25			7.25	2.80 - 8.60	2,280	550 - 3,210	10.3	1.7+2.4
	6.0+6.0	12.0	3.95	3.95			7.90	2.80 - 9.20	2,570	550 - 3,210	11.6	2.3+2.3
	6.0+7.1	13.1	3.64	4.31			7.95	2.80 - 9.25	2,590	550 - 3,210	11.7	2.1+2.4
	7.1+7.1	14.2	4.00	4.00			8.00	2.80 - 9.30	2,610	550 - 3,210	11.8	2.3+2.3
3 Rooms	2.8+2.8+2.8	8.4	2.33	2.33	2.33		7.00	2.80 - 9.00	2,080	550 - 3,180	9.4	1.5+1.5+1.5
	2.8+2.8+3.5	9.1	2.15	2.15	2.69		7.00	2.80 - 9.05	2,080	550 - 3,180	9.4	1.4+1.4+1.6
	2.8+2.8+5.0	10.6	1.86	1.86	3.33		7.05	2.80 - 9.10	2,100	550 - 3,180	9.5	1.2+1.2+1.9
	2.8+2.8+6.0	11.6	1.73	1.73	3.70		7.15	2.80 - 9.25	2,040	540 - 3,160	9.2	1.1+1.1+2.2
	2.8+2.8+7.1	12.7	1.59	1.59	4.03		7.20	2.80 - 9.30	2,060	540 - 3,160	9.3	1.0+1.0+2.3
	2.8+3.5+3.5	9.8	2.00	2.50	2.50		7.00	2.80 - 9.10	2,080	550 - 3,180	9.4	1.3+1.5+1.5
	2.8+3.5+5.0	11.3	1.75	2.18	3.12		7.05	2.80 - 9.15	2,100	550 - 3,180	9.5	1.1+1.4+1.8
	2.8+3.5+6.0	12.3	1.63	2.03	3.49		7.15	2.80 - 9.30	2,040	540 - 3,160	9.2	1.0+1.3+2.0
	2.8+3.5+7.1	13.4	1.50	1.88	3.81		7.20	2.80 - 9.35	2,060	540 - 3,160	9.3	1.0+1.2+2.2
	2.8+5.0+5.0	12.8	1.58	2.81	2.81		7.20	2.80 - 9.20	2,170	550 - 3,180	9.8	1.0+1.6+1.6
	2.8+5.0+6.0	13.8	1.48	2.64	3.17		7.30	2.80 - 9.35	2,110	540 - 3,160	9.5	0.9+1.6+1.8
	2.8+5.0+7.1	14.9	1.38	2.47	3.50		7.35	2.80 - 9.40	2,130	540 - 3,160	9.6	0.9+1.5+2.0
	2.8+6.0+6.0	14.8	1.50	3.22	3.22		7.95	2.80 - 9.55	2,280	540 - 3,210	10.3	1.0+1.8+1.8
	2.8+6.0+7.1	15.9	1.41	3.02	3.57		8.00	2.80 - 9.60	2,300	540 - 3,210	10.4	0.9+1.7+2.1
	3.5+3.5+3.5	10.5	2.33	2.33	2.33		7.00	2.80 - 9.15	2,080	550 - 3,180	9.4	1.5+1.5+1.5
3.5+3.5+5.0	12.0	2.06	2.06	2.94		7.05	2.80 - 9.20	2,100	550 - 3,200	9.5	1.3+1.3+1.7	
3.5+3.5+6.0	13.0	1.93	1.93	3.30		7.15	2.80 - 9.35	2,040	540 - 3,160	9.2	1.2+1.2+1.9	
3.5+3.5+7.1	14.1	1.79	1.79	3.63		7.20	2.80 - 9.40	2,060	540 - 3,160	9.3	1.2+1.2+2.1	
3.5+5.0+5.0	13.5	1.87	2.67	2.67		7.20	2.80 - 9.25	2,170	550 - 3,180	9.8	1.2+1.6+1.6	
3.5+5.0+6.0	14.5	1.76	2.52	3.02		7.30	2.80 - 9.40	2,110	540 - 3,160	9.5	1.1+1.5+1.7	
3.5+5.0+7.1	15.6	1.65	2.36	3.35		7.35	2.80 - 9.45	2,130	540 - 3,160	9.6	1.1+1.5+1.9	
3.5+6.0+6.0	15.5	1.81	3.10	3.10		8.00	2.80 - 9.60	2,300	540 - 3,210	10.4	1.2+1.7+1.7	
5.0+5.0+5.0	15.0	2.42	2.42	2.42		7.25	2.80 - 9.30	2,170	550 - 3,180	9.8	1.5+1.5+1.5	
5.0+5.0+6												

Outdoor and Indoor Unit Combination

NEW

CU-4U28YBZ

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)						Input Power (W)		Current [60Hz] (A)	Moisture Removal VolumeL/h
			Room A	Room B	Room C	Room D	Total	min - max	Rated	min - max	230V	
4 Rooms	2.8 + 2.8 + 2.8 + 2.8	11.2	1.88	1.88	1.88	1.88	7.50	2.80 - 9.40	1,850	550 - 3,380	8.3	1.2 + 1.2 + 1.2 + 1.2
	2.8 + 2.8 + 2.8 + 3.5	11.9	1.76	1.76	1.76	2.21	7.50	2.80 - 9.45	1,850	550 - 3,380	8.3	1.1 + 1.1 + 1.1 + 1.4
	2.8 + 2.8 + 2.8 + 5.0	13.4	1.58	1.58	1.58	2.82	7.55	2.80 - 9.50	1,840	550 - 3,380	8.2	1.0 + 1.0 + 1.0 + 1.7
	2.8 + 2.8 + 2.8 + 6.0	14.4	1.52	1.52	1.52	3.25	7.80	2.80 - 10.00	1,910	540 - 3,200	8.6	1.0 + 1.0 + 1.0 + 1.8
	2.8 + 2.8 + 2.8 + 7.1	15.5	1.42	1.42	1.42	3.60	7.85	2.80 - 10.10	1,940	540 - 3,200	8.7	0.9 + 0.9 + 0.9 + 2.1
	2.8 + 2.8 + 3.5 + 3.5	12.6	1.67	1.67	2.08	2.08	7.50	2.80 - 9.50	1,850	550 - 3,440	8.3	1.1 + 1.1 + 1.3 + 1.3
	2.8 + 2.8 + 3.5 + 5.0	14.1	1.50	1.50	1.87	2.68	7.55	2.80 - 9.55	1,840	550 - 3,380	8.2	1.0 + 1.0 + 1.2 + 1.6
	2.8 + 2.8 + 3.5 + 6.0	15.1	1.46	1.46	1.83	3.14	7.90	2.80 - 10.10	1,960	540 - 3,200	8.8	0.9 + 0.9 + 1.2 + 1.8
	2.8 + 2.8 + 3.5 + 7.1	16.2	1.38	1.38	1.73	3.51	8.00	2.80 - 10.20	2,000	540 - 3,200	9.0	0.9 + 0.9 + 1.1 + 2.0
	2.8 + 2.8 + 5.0 + 5.0	15.6	1.36	1.36	2.44	2.44	7.60	2.80 - 9.60	1,890	550 - 3,380	8.5	0.9 + 0.9 + 1.5 + 1.5
	2.8 + 3.5 + 3.5 + 3.5	13.3	1.59	1.99	1.99	1.99	7.55	2.80 - 9.55	1,850	550 - 3,440	8.3	1.0 + 1.3 + 1.3 + 1.3
	2.8 + 3.5 + 3.5 + 5.0	14.8	1.44	1.80	1.80	2.57	7.60	2.80 - 9.60	1,890	550 - 3,380	8.5	0.9 + 1.2 + 1.2 + 1.6
	2.8 + 3.5 + 3.5 + 6.0	15.8	1.40	1.75	1.75	3.00	7.90	2.80 - 10.10	1,960	540 - 3,200	8.8	0.9 + 1.1 + 1.1 + 1.7
	3.5 + 3.5 + 3.5 + 3.5	14.0	1.89	1.89	1.89	1.89	7.55	2.80 - 9.60	1,850	550 - 3,380	8.3	1.2 + 1.2 + 1.2 + 1.2
3.5 + 3.5 + 3.5 + 5.0	15.5	1.72	1.72	1.72	2.45	7.60	2.80 - 9.65	1,890	550 - 3,380	8.5	1.1 + 1.1 + 1.1 + 1.5	

CU-4U34YBZ

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)						Input Power (W)		Current [60Hz] (A)	Moisture Removal VolumeL/h
			Room A	Room B	Room C	Room D	Total	min - max	Rated	min - max	230V	
1 Room	2.8	2.8	2.80				2.80	1.70 - 3.60	650	380 - 930	2.9	1.6
	3.5	3.5	3.50				3.50	1.70 - 4.60	890	380 - 1,470	4.0	2.0
	5.0	5.0	5.00				5.00	1.70 - 5.60	1,600	380 - 1,920	7.0	2.7
	6.0	6.0	6.00				6.00	1.90 - 7.57	1,460	400 - 2,510	6.4	3.3
	7.1	7.1	7.10				7.10	1.90 - 8.03	2,250	400 - 2,850	9.9	4.1
2 Rooms	2.8 + 2.8	5.6	2.80	2.80			5.60	1.70 - 8.20	1,380	380 - 2,310	6.2	1.6 + 1.6
	2.8 + 3.5	6.3	2.80	3.50			6.30	1.90 - 8.55	1,600	400 - 2,550	7.2	1.6 + 2.0
	2.8 + 5.0	7.8	2.80	5.00			7.80	2.90 - 8.95	2,420	570 - 2,950	10.8	1.6 + 2.7
	2.8 + 6.0	8.8	2.74	5.86			8.60	2.90 - 9.80	2,460	560 - 3,040	11.0	1.6 + 3.2
	2.8 + 7.1	9.9	2.45	6.20			8.65	2.90 - 9.90	2,480	560 - 3,040	11.1	1.5 + 3.5
	3.5 + 3.5	7.0	3.50	3.50			7.00	1.90 - 8.60	1,800	400 - 2,550	8.1	2.0 + 2.0
	3.5 + 5.0	8.5	3.27	4.68			7.95	2.90 - 9.00	2,460	570 - 2,950	11.0	1.9 + 2.5
	3.5 + 6.0	9.5	3.19	5.46			8.65	2.90 - 9.90	2,480	560 - 3,040	11.1	1.8 + 3.0
	3.5 + 7.1	10.6	2.87	5.83			8.70	2.90 - 10.00	2,500	560 - 3,040	11.2	1.7 + 3.2
	5.0 + 5.0	10.0	4.05	4.05			8.10	2.90 - 9.20	2,500	570 - 2,950	11.2	2.3 + 2.3
	5.0 + 6.0	11.0	3.98	4.77			8.75	2.90 - 10.20	2,500	560 - 3,040	11.2	2.3 + 2.6
	5.0 + 7.1	12.1	3.64	5.16			8.80	2.90 - 10.30	2,520	560 - 3,040	11.3	2.1 + 2.8
	6.0 + 6.0	12.0	4.70	4.70			9.40	2.90 - 10.40	2,810	560 - 3,140	12.6	2.5 + 2.5
	6.0 + 7.1	13.1	4.33	5.12			9.45	2.90 - 10.45	2,830	560 - 3,140	12.7	2.4 + 2.8
	7.1 + 7.1	14.2	4.75	4.75			9.50	2.90 - 10.50	2,850	560 - 3,160	12.8	2.6 + 2.6

NEW

CU-4U34YBZ

INDOOR UNIT COMBINATION	Cooling	Total	Cooling Capacity (kW)						Input Power (W)		Current [60Hz] (A)	Moisture Removal VolumeL/h
			Room A	Room B	Room C	Room D	Total	min - max	Rated	min - max	230V	
3 Rooms	2.8 + 2.8 + 2.8	8.4	2.80	2.80	2.80		8.40	2.90 - 10.00	2,110	570 - 2,810	9.5	1.6 + 1.6 + 1.6
	2.8 + 2.8 + 3.5	9.1	2.65	2.65	3.31		8.60	2.90 - 10.10	2,210	570 - 2,810	9.9	1.6 + 1.6 + 1.9
	2.8 + 2.8 + 5.0	10.6	2.30	2.30	4.10		8.70	2.90 - 10.20	2,250	570 - 2,810	10.1	1.5 + 1.5 + 2.3
	2.8 + 2.8 + 6.0	11.6	2.20	2.20	4.71		9.10	2.90 - 10.60	2,520	560 - 3,100	11.3	1.4 + 1.4 + 2.5
	2.8 + 2.8 + 7.1	12.7	2.02	2.02	5.12		9.15	2.90 - 10.70	2,540	560 - 3,100	11.4	1.3 + 1.3 + 2.8
	2.8 + 3.5 + 3.5	9.8	2.47	3.09	3.09		8.65	2.90 - 10.15	2,230	570 - 2,810	10.0	1.5 + 1.7 + 1.7
	2.8 + 3.5 + 5.0	11.3	2.17	2.71	3.87		8.75	2.90 - 10.25	2,270	570 - 2,810	10.2	1.4 + 1.6 + 2.3
	2.8 + 3.5 + 6.0	12.3	2.08	2.60	4.46		9.15	2.90 - 10.70	2,540	560 - 3,100	11.4	1.3 + 1.6 + 2.5
	2.8 + 3.5 + 7.1	13.4	1.92	2.40	4.87		9.20	2.90 - 10.80	2,560	560 - 3,100	11.5	1.2 + 1.5 + 2.7
	2.8 + 5.0 + 5.0	12.8	1.96	3.50	3.50		8.95	2.90 - 10.50	2,450	570 - 2,960	11.0	1.3 + 2.0 + 2.0
	2.8 + 5.0 + 6.0	13.8	1.88	3.35	4.02		9.25	2.90 - 10.80	2,520	560 - 3,100	11.3	1.2 + 1.9 + 2.3
	2.8 + 5.0 + 7.1	14.9	1.75	3.12	4.43		9.30	2.90 - 10.90	2,540	560 - 3,100	11.4	1.1 + 1.8 + 2.5
	2.8 + 6.0 + 6.0	14.8	1.78	3.81	3.81		9.40	2.90 - 11.05	2,540	560 - 3,120	11.4	1.1 + 2.2 + 2.2
	2.8 + 6.0 + 7.1	15.9	1.66	3.57	4.22		9.45	2.90 - 11.10	2,560	560 - 3,120	11.5	1.1 + 2.1 + 2.4
	2.8 + 7.1 + 7.1	17.0	1.56	3.97	3.97		9.50	2.90 - 11.15	2,580	560 - 3,120	11.6	1.0 + 2.3 + 2.3
	3.5 + 3.5 + 3.5	10.5	2.90	2.90	2.90		8.70	2.90 - 10.20	2,250	570 - 2,810	10.1	1.7 + 1.7 + 1.7
	3.5 + 3.5 + 5.0	12.0	2.57	2.57	3.67		8.80	2.90 - 10.30	2,290	570 - 2,810	10.3	1.6 + 1.6 + 2.1
	3.5 + 3.5 + 6.0	13.0	2.48	2.48	4.25		9.20	2.90 - 10.80	2,560	560 - 3,100	11.5	1.5 + 1.5 + 2.4
	3.5 + 3.5 + 7.1	14.1	2.30	2.30	4.66		9.25	2.90 - 10.90	2,580	560 - 3,100	11.6	1.5 + 1.5 + 2.5
3.5 + 5.0 + 5.0	13.5	2.33	3.33	3.33		9.00	2.90 - 10.55	2,470	570 - 2,960	11.1	1.5 + 1.9 + 1.9	
3.5 + 5.0 + 6.0	14.5	2.24	3.21	3.85		9.30	2.90 - 10.90	2,540	560 - 3,100	11.4	1.5 + 1.8 + 2.3	
3.5 + 5.0 + 7.1	15.6	2.10	3.00	4.26		9.35	2.90 - 11.00	2,560	560 - 3,100	11.5	1.4 + 1.7 + 2.4	
3.5 + 6.0 + 6.0	15.5	2.12	3.64	3.64		9.40	2.90 - 11.10	2,540	560 - 3,120	11.4	1.4 + 2.1 + 2.1	
3.5 + 6.0 + 7.1	16.6	1.99	3.42	4.04		9.45	2.90 - 11.15	2,560	560 - 3,120	11.5	1.3 + 2.0 + 2.3	
5.0 + 5.0 + 5.0	15.0	3.03	3.03	3.03		9.10	2.90 - 10.60	2,470	570 - 2,960	11.1	1.7 + 1.7 + 1.7	
5.0 + 5.0 + 6.0	16.0	2.94	2.94	3.53		9.40	2.90 - 11.00	2,580	560 - 3,100	11.6	1.7 + 1.7 + 2.0	
5.0 + 5.0 + 7.1	17.1	2.76	2.76	3.92		9.45	2.90 - 11.10	2,600	560 - 3,100	11.6	1.6 + 1.6 + 2.3	
5.0 + 6.0 + 6.0	17.0	2.79	3.35	3.35		9.50	2.90 - 11.20	2,580	560 - 3,120	11.6	1.6 + 1.9 + 1.9	
4 Rooms	2.8 + 2.8 + 2.8 + 2.8	11.2	2.25	2.25	2.25	2.25	9.00	2.90 - 10.85	2,270	570 - 3,100	10.1	1.5 + 1.5 + 1.5 + 1.5
	2.8 + 2.8 + 2.8 + 3.5	11.9	2.12	2.12	2.12	2.65	9.00	2.90 - 10.90	2,270	570 - 3,100	10.1	1.4 + 1.4 + 1.4 + 1.6
	2.8 + 2.8 + 2.8 + 5.0	13.4	1.89	1.89	1.89	3.38	9.05	2.90 - 10.95	2,290	570 - 3,100	10.2	1.2 + 1.2 + 1.2 + 1.9
	2.8 + 2.8 + 2.8 + 6.0	14.4	1.78	1.78	1.78	3.81	9.15	2.90 - 11.10	2,320	560 - 3,040	10.3	1.1 + 1.1 + 1.1 + 2.2
	2.8 + 2.8 + 2.8 + 7.1	15.5	1.66	1.66	1.66	4.21	9.20	2.90 - 11.15	2,330	560 - 3,040	10.3	1.1 + 1.1 + 1.1 + 2.4
	2.8 + 2.8 + 3.5 + 3.5	12.6	2.00	2.00	2.50	2.50	9.00	2.90 - 10.95	2,270	570 - 3,100	10.1	1.3 + 1.3 + 1.5 + 1.5
	2.8 + 2.8 + 3.5 + 5.0	14.1	1.80	1.80	2.25	3.21	9.05	2.90 - 11.00	2,290	570 - 3,100	10.2	1.2 + 1.2 + 1.5 + 1.8
	2.8 + 2.8 + 3.5 + 6.0	15.1	1.70	1.70	2.12	3.64	9.15	2.90 - 11.15	2,320	560 - 3,040	10.3	1.1 + 1.1 + 1.4 + 2.1
	2.8 + 2.8 + 3.5 + 7.1	16.2	1.59	1.59	1.99	4.03	9.20	2.90 - 11.20	2,330	560 - 3,040	10.3	1.0 + 1.0 + 1.3 + 2.3
	2.8 + 2.8 + 5.0 + 5.0	15.6	1.63	1.63	2.92	2.92	9.10	2.90 - 11.10	2,290	570 - 3,100	10.2	1.0 + 1.0 + 1.7 + 1.7
	2.8 + 2.8 + 5.0 + 6.0	16.6	1.55	1.55	2.77	3.33	9.20	2.90 - 11.25	2,320	560 - 3,040	10.3	1.0 + 1.0 + 1.6 + 1.9
	2.8 + 2.8 + 6.0 + 6.0	17.6	1.51	1.51	3.24	3.24	9.50	2.90 - 11.50	2,430	560 - 3,100	10.8	1.0 + 1.0 + 1.8 + 1.8
	2.8 + 3.5 + 3.5 + 3.5	13.3	1.91	2.38	2.38	2.38	9.05	2.90 - 11.00	2,290	570 - 3,100	10.2	1.2 + 1.5 + 1.5 + 1.5
	2.8 + 3.5 + 3.5 + 5.0	14.8	1.72	2.15	2.15	3.07	9.10	2.90 - 11.05	2,290	570 - 3,100	10.2	1.1 + 1.4 + 1.4 + 1.7
	2.8 + 3.5 + 3.5 + 6.0	15.8	1.63	2.04	2.04	3.49	9.20	2.90 - 11.25	2,230	560 - 3,040	10.3	1.0 + 1.3 + 1.3 + 2.0
	2.8 + 3.5 + 3.5 + 7.1	16.9	1.53	1.92	1.92	3.89	9.25	2.90 - 11.30	2,340	560 - 3,040	10.4	1.0 + 1.2 + 1.2 + 2.3
	2.8 + 3.5 + 5.0 + 5.0	16.3	1.56	1.95	2.79	2.79	9.10					

Window Air Conditioners with Pure Energy Savings

Inverter

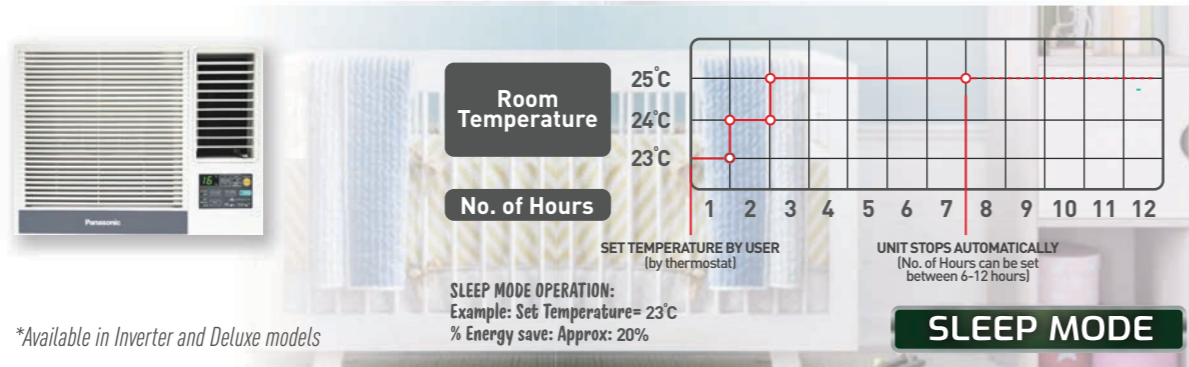


ALL DC MOTOR FAN & COMPRESSOR

Panasonic has Inverter technology with All DC Motor and Powerful Compressor

The All DC Motor has independent controls on each fan (indoor & outdoor) that provides better efficiency and lowers energy consumption leading to additional Pure Energy Savings.

Sleep Mode



*Available in Inverter and Deluxe models

Panasonic Window Airconditioner use Sleep Mode Function

Sleep Mode helps you to regularize the coolness of the room to your body for a more comfortable sleep

OTHER FEATURES

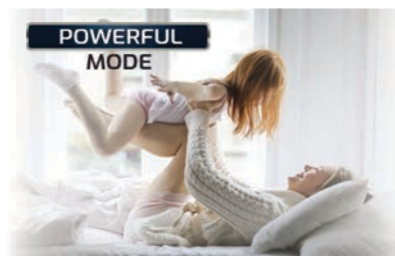
Mechanical Off Timer



Consume Energy Efficiently

With Panasonic's 12-hr timer function, you can control the use of your aircon to keep your energy cost within the budget

Powerful Mode



Stay Comfortable in All Day Moves

Compressor speeds up its rotation faster than the maximum speed of normal operation, giving you coolness to the max with extra cooling power.

Anti-bacterial Filter



Filters Virus And Bacteria for Assured Cleaner Air

The Anti-Bacterial Filter combines three effects in one: Anti-bacterial, Anti-virus and Anti-allergen.

*Bacteria deactivation was certified by Boreh Quality Evaluation Institute. Test Report No. 10042459 and 10042459-2 Bacteria: Staphylococcus aureus NBRC 12732, Escherichia coli NBRC 3972

**Virus deactivation was certified by Osaka Prefectural Institute of Public Health Test Report No. 313360397 Virus: Influenza (H3N2) A/ Hong Kong

***Allergen deactivation was certified by Shinshu University Allergen: Cider Pollen Allergen Cry j1

XU & U SERIES: INVERTER Window Type with nanoe™ X Technology

MODEL NO.		CW-XU1021VPH	CW-XU1221VPH	CW-XU1821EPH	CW-XU2421EPH	CW-U921JPH	CW-U1021VPH	CW-U1221VPH	CW-U1821EPH	CW-U2421EPH
TECHNICAL DATA	UNIT									
Cooling Capacity	hp	1.0	1.5	2.0	2.5	1.0	1.5	1.5	2.0	2.5
	kJ/h	10,660	12,000	18,750	23,500	10,660	10,660	12,000	18,750	23,500
Power Input	W	860	968	1,524	1,911	860	860	968	1,524	1,958
EER	kJ/hW	12.40	12.40	12.3	12.3	12.0	12.2	12.2	12.0	12.0
Noise Level Indoor (Low)	dB A	46	46	48	54	42	46	46	48	54
Power Source	V/Phase Hz	230 V, 1Ø Phase - 60 Hz								
Refrigerant		R32	R32	R32	R32	R32	R32	R32	R32	R32
PHYSICAL DATA										
Unit Dimension	mm	560 x 346 x 655	560 x 346 x 655	660 x 428 x 800	660 x 428 x 800	450 x 346 x 640	560 x 346 x 655	560 x 346 x 655	660 x 428 x 800	660 x 428 x 800
Packaging Dimension	mm	640 x 481 x 728	640 x 481 x 728	760 x 582 x 877	760 x 582 x 877	515 x 460 x 655	640 x 481 x 728	640 x 481 x 728	760 x 582 x 877	760 x 582 x 877
Net Weight	kg	38	38	67	63	28	34	34	59	63
Gross Weight	kg	40	40	70	67	31	39	39	62	67

XN SERIES: DELUXE Window Type

MODEL NO.		CW-XN620JPH	CW-XN820JPH	CW-XN920JPH	CW-XN1020VPH	CW-XN1220VPH	CW-XN1820EPH	CW-XN2420EPH
TECHNICAL DATA	UNIT							
Cooling Capacity	hp	0.5	0.75	1.0	1.0	1.5	2.0	2.5
	kJ/h	5,500	7,420	9,500	11,000	13,000	19,100	25,500
Power Input	W	511	616	839	916	1,110	1,640	2,660
EER	kJ/hW	10.8	12	11.3	12	11.7	11.6	9.6
Noise Level Indoor (Low)	dB A	44	44	44	46	46	48	52
Power Source	V/Phase Hz	230 V, 1Ø Phase - 60 Hz						
Refrigerant		R32	R32	R32	R32	R32	R32	R32
PHYSICAL DATA								
Unit Dimension	mm	450 x 346 x 590	450 x 346 x 590	450 x 346 x 590	560 x 346 x 655	560 x 346 x 655	660 x 428 x 800	660 x 428 x 800
Packaging Dimension	mm	505 x 465 x 660	505 x 465 x 660	505 x 465 x 660	649 x 488 x 756	649 x 488 x 756	760 x 582 x 877	760 x 582 x 877
Net Weight	kg	24	28	28	33	35	61	65
Gross Weight	kg	26	30	30	38	40	65	69

MN SERIES: MECHANICAL Window Type

MODEL NO.		CW-MN620JPH	CW-MN820JPH	CW-MN920JPH	CW-MN1220VPH
TECHNICAL DATA	UNIT				
Cooling Capacity	hp	0.5	0.75	1.0	1.5
	kJ/h	5,500	7,420	9,500	13,000
Power Input	W	511	616	839	1,200
EER	kJ/hW	10.8	12	11.3	10.8
Noise Level Indoor (Low)	dB A	44	44	44	46
Power Source	V/Phase Hz	230 V, 1Ø Phase - 60 Hz			
Refrigerant		R32	R32	R32	R32
PHYSICAL DATA					
Unit Dimension	mm	450 x 346 x 590	450 x 346 x 590	450 x 346 x 590	560 x 346 x 655
Packaging Dimension	mm	505 x 465 x 660	505 x 465 x 660	505 x 465 x 660	649 x 488 x 756
Net Weight	kg	24	28	28	35
Gross Weight	kg	26	30	30	40

N SERIES: STANDARD Window Type

MODEL NO.		CW-N620JPH	CW-N820JPH	CW-N920JPH	CW-N1020VPH	CW-N1220VPH	CW-N1820EPH	CW-N2420EPH
TECHNICAL DATA	UNIT							
Cooling Capacity	hp	0.5	0.75	1.0	1.0	1.5	2.0	2.5
	kJ/h	5,500	7,420	9,500	11,000	13,000	19,100	25,500
Power Input	W	511	616	839	916	1,200	1,680	2,660
EER	kJ/hW	10.8	12	11.3	12	10.8	11.4	9.6
Noise Level Indoor (Low)	dB A	44	44	44	46	46	48	52
Power Source	V/Phase Hz	230 V, 1Ø Phase - 60 Hz						
Refrigerant		R32	R32	R32	R32	R32	R32	R32
PHYSICAL DATA								
Unit Dimension	mm	450 x 346 x 590	450 x 346 x 590	450 x 346 x 590	560 x 346 x 655	560 x 346 x 655	660 x 428 x 800	660 x 428 x 800
Packaging Dimension	mm	505 x 465 x 660	505 x 465 x 660	505 x 465 x 660	649 x 488 x 756	649 x 488 x 756	760 x 582 x 877	760 x 582 x 877
Net Weight	kg	24	28	28	33	35	61	65
Gross Weight	kg	26	30	30	38	40	65	69

NX Series Product Lineup

- New DELUXE 4-Way Cassette, equipped with nanoe™ X technology (Mark 3)
- Other indoor units are equipped with nanoe™ X technology (Mark 2) as standard
- The NX series features DELUXE and STANDARD series models.



Capacity [Btu/h]	17,100	20,500	24,200	27,600/29,000	34,100	42,700	45,500-47,800
4-Way Cassette DELUXE nanoe™ X Generator Mark3 CONEX	S-18PU3QA	S-21PU3QA	S-24PU3QA	—	S-34PU3QA	S-43PU3QA	S-48PU3QA
						S-3448PU3QA*	
4-Way Cassette STANDARD nanoe™ X Generator Mark2 CONEX	S-18PU3Q	S-21PU3Q	S-24PU3Q	S-30PU3Q	S-34PU3Q	S-43PU3Q	S-48PU3Q
						S-3448PU3Q*	
Adaptive Ducted DELUXE/STANDARD nanoe™ X Generator Mark2 CONEX	S-1821PF3Q		S-2430PF3Q		S-3448PF3Q		
Ceiling Exposed DELUXE nanoe™ X Generator Mark2 CONEX	S-18PT3QA	S-21PT3QA	S-24PT3QA	—	S-34PT3QA	S-43PT3QA	S-48PT3QA
						S-3448PT3QA*	
Ceiling Exposed STANDARD nanoe™ X Generator Mark2 CONEX	S-18PT3Q	S-21PT3Q	S-24PT3Q	S-30PT3Q	S-34PT3Q	S-43PT3Q	S-48PT3Q
						S-3448PT3Q*	
Outdoor DELUXE INVERTER R32	U-18PRH1Q6	U-21PRH1Q6	U-24PRH1Q6	—	U-34PRH1Q6	U-43PRH1Q6	U-48PRH1Q6
	—	—	—	—	—	U-43PRH1Q9*	U-48PRH1Q9*
Outdoor STANDARD INVERTER R32	U-18PR1Q6	U-21PR1Q6	U-24PR1Q6	U-30PR1Q6	U-34PR1Q6	U-43PR1Q6	U-48PR1Q6
	—	—	—	—	—	U-43PR1Q9*	U-48PR1Q9*

*3-phase model newly added. Note: DELUXE and STANDARD Series indoor units can only be connected to outdoor units of the same series. STANDARD series models with new product numbers will be available at the end of Sep. 2022.

Differences between DELUXE and STANDARD 4-Way Cassette

The DELUXE and STANDARD series differ in terms of nanoe effectiveness, energy efficiency and operating temperature, depending on the project requirements.



Differences	DELUXE Series	STANDARD Series
nanoe™ X	Generator Mark 3	Generator Mark 2
CONEX	Connectable	Connectable
COP	Ave. 4.15	Ave. 3.38
CSPF	Ave. 6.50	Ave. 5.80
Operation range	16 - 52°C	16 - 46°C
Piping length	5-50m for all range	24,200Btu or less 5-30m 29,000Btu and above 5-50m

NEW

24-hour nanoe™ X Air Protection

Get 24 hours of quality air for you and your loved ones by turning nanoe™ X on using Panasonic Comfort Cloud anywhere, anytime. nanoe™ X functions in the cooling mode and is maintenance-free, helping you enjoy cleaner air while keeping your costs down.

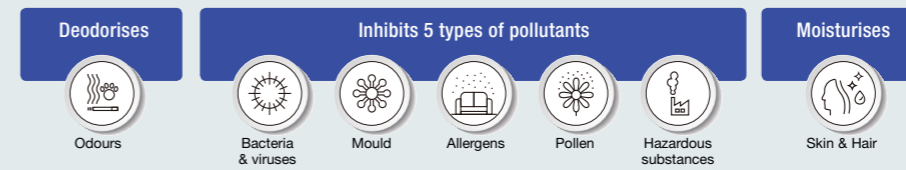


Please refer to the nanoe™ X website.



7 Effects of nanoe™ X : Creating Cleaner Environments

nanoe™ inhibits 5 types of pollutants, deodorises and moisturises thanks to the action of hydroxyl radicals contained in water.



nanoe™ X Effectiveness Proven in Large Space
Access to the evidence page of nanoe™ X effect

NEW

Smart Comfort with CONEX

CONEX offers IoT integration that connects directly to a variety of apps for next-generation solutions.

Easy control and access for end users, installers, and service partners with just one remote.



Please refer to the CONEX website.



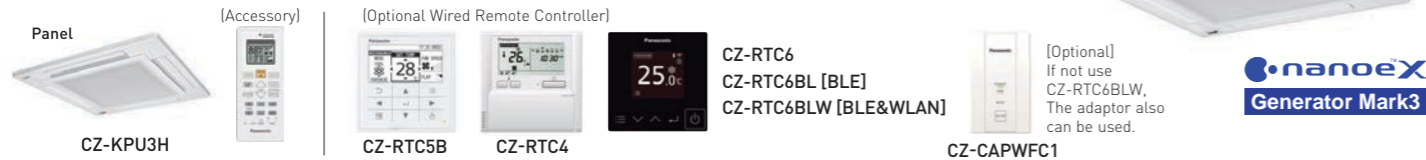
New CONEX Control
New smart design with built-in BLE & WLAN model.



- Comfort Cloud-End User**
High level control and energy monitoring via WLAN and cloud giving access from anywhere anytime.
- H&C Control App-End User & Installer**
H&C Control App makes complex initial set-up easy and allows installers to respond swiftly to clients' requests via Bluetooth.
- H&C Diagnosis App-Service Partner**
Provides the service partner with detailed operational data, for in-depth analysis and optimising the system.

DELUXE 4-WAY CASSETTE

- With the further advanced air purification technology of nanoe™ X Generator Mark 3.
- Powerful industry-leading, 360° wide, comfortable airflow.
- The drain pump can pump water up to a height of 850 mm, making drain pipe layout easy.



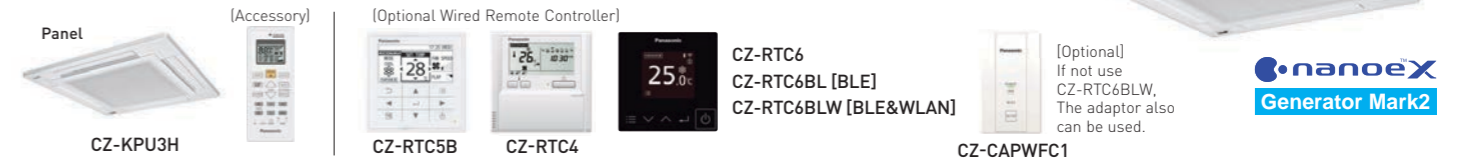
DELUXE Specifications of R32 DELUXE Series R32

Capacity [Btu/h(Phase)]	17,100	20,500	24,200	34,100	42,700	42,700(3)	47,800	47,800(3)
Power Source	230V, 1Ø Phase - 60Hz			400V, 3Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz		
Indoor Unit	S-18PU30A	S-21PU30A	S-24PU30A	S-34PU30A	S-43PU30A	S-3448PU30A	S-48PU30A	S-3448PU30A
Outdoor Unit	U-18PRH106	U-21PRH106	U-24PRH106	U-34PRH106	U-43PRH106	U-43PRH109	U-48PRH106	U-48PRH109
Panel	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H
Cooling Capacity: Rated (Min-Max)	kW		Btu/h		kW		Btu/h	
Current: Rated (Max)	A		kW		A		kW	
Power Input: Rated (Min-Max)	kW		kW		kW		kW	
CSPF	W/W		Btu/hW		W/W		Btu/hW	
COP/EER	W/W		Btu/hW		W/W		Btu/hW	
Indoor Unit								
Air Volume	m³/min		cfm		m³/min		cfm	
Sound Pressure Level (Hi/Lo)	dB (A)		dB (A)		dB (A)		dB (A)	
Sound Power Level (Hi/Lo)	dB (A)		dB (A)		dB (A)		dB (A)	
Dimension	Indoor (HxWxD) mm		Panel (HxWxD) mm		Indoor (HxWxD) mm		Panel (HxWxD) mm	
Net Weight	Indoor kg		Panel kg		Indoor kg		Panel kg	
Outdoor Unit								
Sound Pressure Level	dB (A)		dB (A)		dB (A)		dB (A)	
Sound Power Level	dB (A)		dB (A)		dB (A)		dB (A)	
Dimension	Outdoor (HxWxD) mm		kg		Outdoor (HxWxD) mm		kg	
Piping Connection	Gas Pipe mm (inch)		Liquid Pipe mm (inch)		Gas Pipe mm (inch)		Liquid Pipe mm (inch)	
Pipe Length	Min-Max m		Elevation Difference m		Min-Max m		Elevation Difference m	
Maximum Chargeless Length	Max m		Additional Gas g/m		Max m		Additional Gas g/m	
Operation Range, Outdoor	Min-Max °C		Min-Max °C		Min-Max °C		Min-Max °C	

* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * DELUXE series indoor units can only be connected to outdoor units of the same series. * CZ-CAPWFC1 is a WLAN smart adaptor for connecting to the Comfort Cloud app.

STANDARD 4-WAY CASSETTE

- Industry-leading powerful, 360° wide & comfortable airflow.
- Individual flap control for true-comfort.
- The drain pump can pump water up to a height of 850 mm, making drain pipe layout easy.



STANDARD Specifications of R32 STANDARD Series R32

Capacity [Btu/h(Phase)]	17,100	20,500	24,200	29,000	34,100	42,700	42,700 (3)	47,800	47,800(3)
Power Source	230V, 1Ø Phase - 60Hz			400V, 3Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz			
Indoor Unit	S-18PU3Q	S-21PU3Q	S-24PU3Q	S-30PU3Q	S-34PU3Q	S-43PU3Q	S-3448PU3Q	S-48PU3Q	S-3448PU3Q
Outdoor Unit	U-18PR106	U-21PR106	U-24PR106	U-30PR106	U-34PR106	U-43PR106	U-43PR109	U-48PR106	U-48PR109
Panel	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H	CZ-KPU3H
Cooling Capacity: Rated (Min-Max)	kW		Btu/h		kW		Btu/h		
Current: Rated (Max)	A		kW		A		kW		
Power Input: Rated (Min-Max)	kW		kW		kW		kW		
CSPF	W/W		Btu/hW		W/W		Btu/hW		
COP/EER	W/W		Btu/hW		W/W		Btu/hW		
Indoor Unit									
Air Volume	m³/min		cfm		m³/min		cfm		
Sound Pressure Level (Hi/Lo)	dB (A)		dB (A)		dB (A)		dB (A)		
Sound Power Level (Hi/Lo)	dB (A)		dB (A)		dB (A)		dB (A)		
Dimension	Indoor (HxWxD) mm		Panel (HxWxD) mm		Indoor (HxWxD) mm		Panel (HxWxD) mm		
Net Weight	Indoor kg		Panel kg		Indoor kg		Panel kg		
Outdoor Unit									
Sound Pressure Level	dB (A)		dB (A)		dB (A)		dB (A)		
Sound Power Level	dB (A)		dB (A)		dB (A)		dB (A)		
Dimension	Outdoor (HxWxD) mm		kg		Outdoor (HxWxD) mm		kg		
Piping Connection	Gas Pipe mm (inch)		Liquid Pipe mm (inch)		Gas Pipe mm (inch)		Liquid Pipe mm (inch)		
Pipe Length	Min-Max m		Elevation Difference m		Min-Max m		Elevation Difference m		
Maximum Chargeless Length	Max m		Additional Gas g/m		Max m		Additional Gas g/m		
Operation Range, Outdoor	Min-Max °C		Min-Max °C		Min-Max °C		Min-Max °C		

* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * STANDARD series indoor units can only be connected to outdoor units of the same series. * CZ-CAPWFC1 is a WLAN smart adaptor for connecting to the Comfort Cloud app.

What's New of nanoe™ X Generator Mark 3

48 Trillion Hydroxyl Radicals Generated

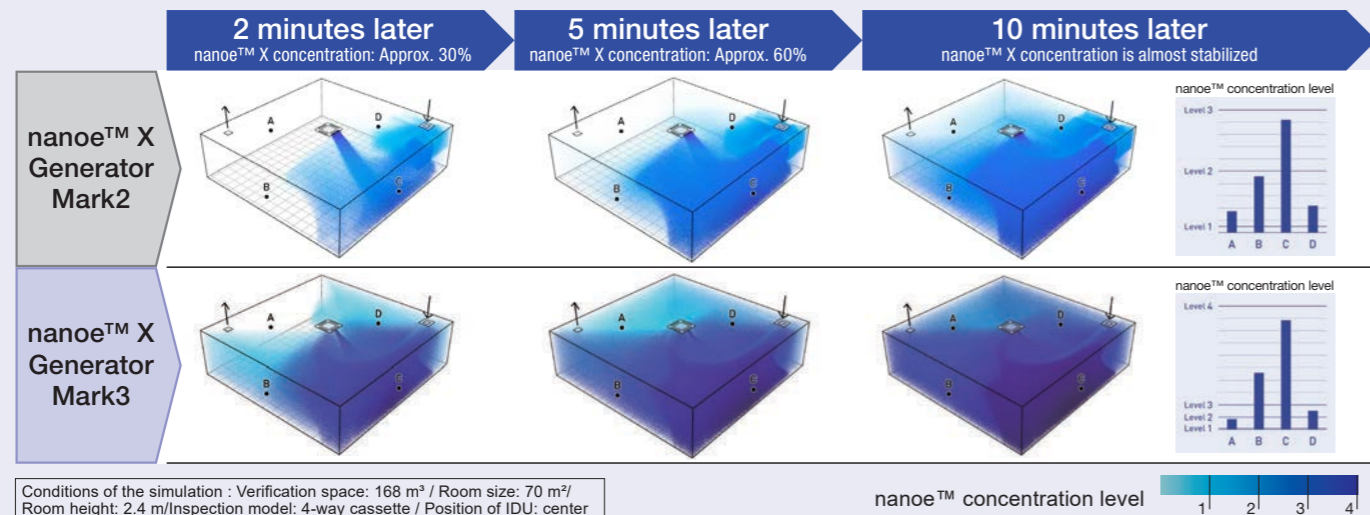
The amount of hydroxyl radicals generated increased 100 times, compared to original nanoe™.

Higher Concentration, Even in Large Spaces

Greater effectiveness even in large spaces of more than 100 m².

nanoe™ X Concentration Simulation

Higher concentration levels of generator mark 3 than mark 2.



Advantages of New 4-way Cassette

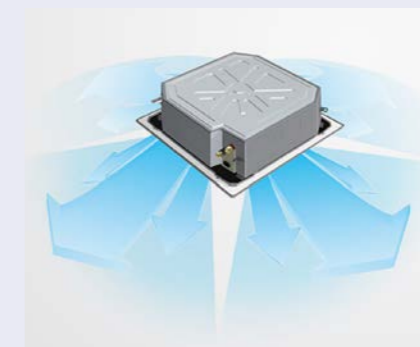
Compact, Modern & Flat Panel Design

Featuring uniform cooling, easy installation, and with a sleek exterior, this unit is the perfect match for all commercial applications.



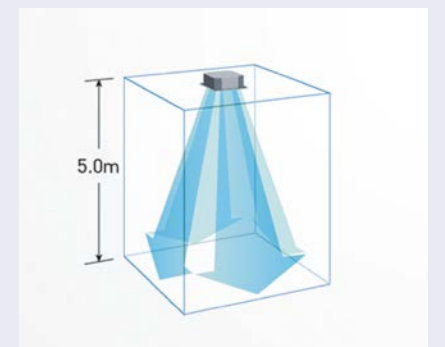
Powerful Airflow

Thanks to its compact design the Twisted 3D Blade Fan increases airflow.



360° Comfortable Airflow

Air coming out of the center of the discharge outlets travels farther. Air is discharged across a wide area from the four sides of the unit.



Wide Flap

A wider main flap and sub flap reduce turbulence and increase airflow. Also, a wider angle jetting port allows airflow to reach as far as five meters.

* 4-Way Cassette : 3448PU type

DELUXE / STANDARD ADAPTIVE DUCTED

- Air intake from rear as standard. Industry-leading horizontal and vertical design.
- Powerful 150Pa ESP and space saving 250 mm height, filter included.
- Built-in Drain pump and selectable air inlet position (bottom and rear).



Selectable Remote Controller



CZ-RTC5B



CZ-RTC4



CZ-RTC6
CZ-RTC6BL [BLE]
CZ-RTC6BLW [BLE&WLAN]



CZ-CAPWFC1

[Optional]
If not use CZ-RTC6BLW, The adaptor also can be used.

nanoeX
Generator Mark2

DELUXE

Specifications of R32 DELUXE Series **R32**

Capacity [Btu/h(Phase)]	V/Phase Hz	230V, 10 Phase - 60Hz									
		17,100	20,500	24,200	34,100	42,700	42,700(3)	47,800	47,800(3)		
Power Source											
Indoor Unit		S-1821PF30	S-1821PF30	S-2430PF30	S-3448PF30	S-3448PF30	S-3448PF30	S-3448PF30	S-3448PF30	S-3448PF30	S-3448PF30
Outdoor Unit		U-18PRH106	U-21PRH106	U-24PRH106	U-34PRH106	U-43PRH109	U-48PRH106	U-48PRH106	U-48PRH106	U-48PRH109	
Cooling Capacity: Rated (Min-Max)	kW	5.00 [1.60-6.00]	6.00 [1.60-6.30]	7.10 [1.80-8.00]	10.00 [3.80-11.20]	12.50 [3.80-14.00]	12.50 [3.80-14.00]	14.00 [5.30-15.50]	14.00 [5.30-15.50]	14.00 [5.30-15.50]	
	Btu/h	17,100 [5,460-20,500]	20,500 [5,460-21,500]	24,200 [6,140-27,300]	34,100 [13,000-38,200]	42,700 [13,000-47,800]	42,700 [13,000-47,800]	47,800 [18,100-52,900]	47,800 [18,100-52,900]	47,800 [18,100-52,900]	
Current: Rated (Max)	A	5.3 [9.1]	7.1 [11.0]	8.0 [12.0]	11.3 [25.5]	17.0 [26.0]	5.6 [10.5]	20.5 [28.0]	6.7 [11.5]	6.7 [11.5]	
Power Input: Rated (Min-Max)	kW	1.16 [0.24-1.55]	1.58 [0.24-1.80]	1.80 [0.30-2.35]	2.40 [0.65-3.08]	3.59 [0.65-4.35]	3.59 [0.65-4.35]	4.34 [0.96-5.15]	4.34 [0.96-5.15]	4.34 [0.96-5.15]	
CSPF		5.90	5.60	6.10	6.40	5.45	5.45	5.55	5.55	5.55	
COP/EER	W/W	4.31	3.80	3.94	4.17	3.48	3.48	3.23	3.23	3.23	
	Btu/hW	14.74	12.97	13.44	14.21	11.89	11.89	11.01	11.01	11.01	
Indoor Unit											
Air Volume	m³/min	16.0	16.0	21.0	36.0	36.0	36.0	36.0	36.0	36.0	
	cfm	565	565	740	1,270	1,270	1,270	1,270	1,270	1,270	
External static pressure	Pa	30 [10-150]	30 [10-150]	30 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	
Sound Pressure Level (Hi/Lo)	dB (A)	35 / 29	35 / 29	35 / 29	40 / 30	40 / 30	40 / 30	40 / 30	40 / 30	40 / 30	
Sound Power Level (Hi/Lo)	dB (A)	58 / 52	58 / 52	58 / 52	63 / 53	63 / 53	63 / 53	63 / 53	63 / 53	63 / 53	
Dimension	Indoor (HxWxD)	mm	250 x 800 x 730	250 x 800 x 730	250 x 1,000 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	
Net Weight	Indoor	kg	25	25	30	39	39	39	39	39	
Outdoor Unit											
Sound Pressure Level	dB (A)	50	51	53	54	57	57	58	58	58	
Sound Power Level	dB (A)	69	70	72	73	76	76	77	77	77	
Dimension	Outdoor (HxWxD)	mm	695 x 875 x 320	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	
Net Weight		kg	39	39	69	69	67	75	73	73	
Piping Connection	Gas Pipe	mm (inch)	12.70 (1/2)	12.70 (1/2)	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)	6.35 (1/4)	6.35 (1/4)	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	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	
Elevation Difference	m	30	30	30	30	30	30	30	30	30	
Maximum Chargeless Length	Max	m	30	30	30	30	30	30	30	30	
Additional Gas	g/m	15	15	25	25	25	25	25	25	25	
Operation Range, Outdoor	Min-Max	°C	16-52	16-52	16-52	16-52	16-52	16-52	16-52	16-52	

* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * DELUXE series indoor units can only be connected to outdoor units of the same series. * CZ-CAPWFC1 is a WLAN smart adaptor for connecting to the Comfort Cloud app.



nanoeX
Generator Mark2

STANDARD

Specifications of R32 STANDARD Series **R32**

Capacity [Btu/h(Phase)]	V/Phase Hz	230V, 10 Phase - 60Hz									
		17,100	20,500	24,200	27,600	34,100	42,700	42,700 (3)	47,000	47,000(3)	47,000(3)
Power Source											
Indoor Unit		S-1821PF30	S-1821PF30	S-2430PF30	S-2430PF30	S-3448PF30	S-3448PF30	S-3448PF30	S-3448PF30	S-3448PF30	S-3448PF30
Outdoor Unit		U-18PR106	U-21PR106	U-24PR106	U-30PR106	U-34PR106	U-43PR109	U-48PR106	U-48PR106	U-48PR109	
Cooling Capacity: Rated (Max)	kW	5.00 [2.00-5.60]	6.00 [2.00-6.30]	7.10 [2.00-7.60]	8.10 [2.00-8.90]	10.00 [3.20-11.20]	12.50 [3.80-13.50]	12.50 [3.80-13.50]	13.77 [3.80-14.20]	13.77 [3.80-14.20]	
	Btu/h	17,100 [6,820-19,100]	20,500 [6,820-21,500]	24,200 [6,820-25,900]	27,600 [6,820-30,400]	34,100 [10,900-38,200]	42,700 [13,000-46,100]	42,700 [13,000-46,100]	47,000 [13,000-48,500]	47,000 [13,000-48,500]	
Current: Rated (Min-Max)	A	6.9 [9.1]	8.7 [11.0]	10.1 [12.0]	11.5 [15.5]	18.7 [26.0]	6.1 [10.5]	18.7 [26.0]	6.1 [10.5]	7.4 [11.0]	
Power Input: Rated (Min-Max)	kW	1.54 [0.41-1.75]	1.95 [0.41-2.30]	2.27 [0.34-2.48]	2.60 [0.33-2.90]	3.12 [0.59-3.65]	3.96 [0.65-4.35]	3.96 [0.65-4.35]	4.77 [0.65-4.95]	4.77 [0.65-4.95]	
CSPF		5.02	4.65	5.21	5.21	4.74	5.02	5.02	4.74	4.74	
COP/EER	W/W	3.25	3.08	3.13	3.12	3.21	3.16	3.16	2.89	2.89	
	Btu/hW	11.10	10.51	10.66	10.62	10.93	10.78	10.78	9.85	9.85	
Indoor Unit											
Air Volume	m³/min	16.0	16.0	21.0	21.0	36.0	36.0	36.0	36.0	36.0	
	cfm	565	565	740	740	1,270	1,270	1,270	1,270	1,270	
External static pressure	Pa	30 [10-150]	30 [10-150]	30 [10-150]	30 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	50 [10-150]	
Sound Pressure Level (Hi/Lo)	dB (A)	35 / 29	35 / 29	35 / 29	35 / 29	40 / 30	40 / 30	40 / 30	40 / 30	40 / 30	
Sound Power Level (Hi/Lo)	dB (A)	58 / 52	58 / 52	58 / 52	58 / 52	63 / 53	63 / 53	63 / 53	63 / 53	63 / 53	
Dimension	Indoor (HxWxD)	mm	250 x 800 x 730	250 x 800 x 730	250 x 1,000 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	
Net Weight	Indoor	kg	25	25	30	30	39	39	39	39	
Outdoor Unit											
Sound Pressure Level	dB (A)	50	51	51	53	55	57	57	58	58	
Sound Power Level	dB (A)	69	70	70	72	74	76	76	77	77	
Dimension	Outdoor (HxWxD)	mm	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	
Net Weight		kg	29	29	33	39	48	68	67	67	
Piping Connection	Gas Pipe	mm (inch)	12.70 (1/2)	12.70 (1/2)	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)	6.35 (1/4)	6.35 (1/4)	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	5 - 30	5 - 30	5 - 30	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	
Elevation Difference	m	20	20	20	30	30	30	30	30	30	
Maximum Chargeless Length	Max	m	10	10	10	30	30	30	30	30	
Additional Gas	g/m	15	15	15	25	25	25	25	25	25	
Operation Range, Outdoor	Min-Max	°C	16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46	

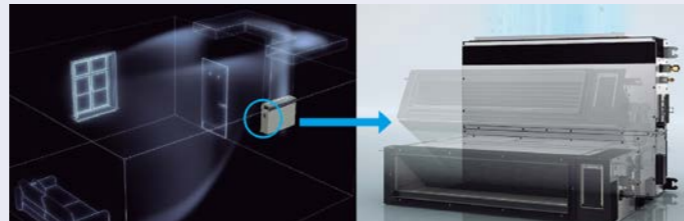
* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * STANDARD series indoor units can only be connected to outdoor units of the same series. * CZ-CAPWFC1 is a WLAN smart adaptor for connecting to the Comfort Cloud app.

Flexible Installation Adaptive Ducted

New NX Series Adaptive Ducted units can be mounted not only horizontally but also vertically without the need for alterations. Our groundbreaking drain pan design delivers a new level of flexibility in an industry-leading vertical installation.



Product information



Vertical

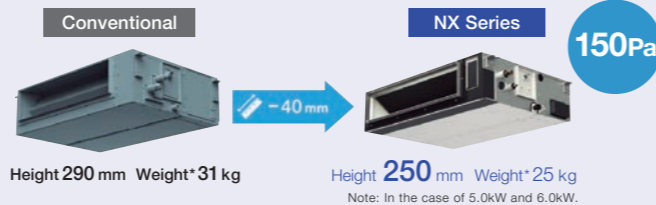
Horizontal

Compact Body with Powerful 150 Pa ESP

The indoor units have also been completely renewed, offering a 40 mm height reduction to only 250 mm* and a weight reduction of up to 10%, all while maintaining the same powerful 150 Pa.

* Compared to conventional model.

Space saving 250 mm height



Height 290 mm Weight* 31 kg

Height 250 mm Weight* 25 kg

Note: In the case of 5.0kW and 6.0kW.

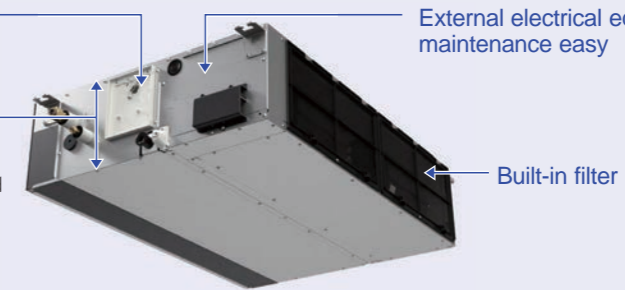
Technical Focus

Built-in Drain pump (DC motor pump)

External electrical equipment box makes maintenance easy

Space saving height of 250mm for all models

250mm standardised height provides easy and uniform installation for models with different capacities, especially when ceiling heights are restricted.



Built-in filter

Superior air quality **nanoeX**

The new ducted models are equipped with nanoe™ X as standard, an unique air quality improvement technology producing twice the amount of hydroxyl radicals compared to previous generations. Combined with the strong static pressure this ensures pristine nanoe™ X air travels unaffected even through multiple duct shapes at lengths of 10m, as well as making them ideal for use in larger spaces.

Note: PF3 and PE3 (16.0kW and below) ranges only.

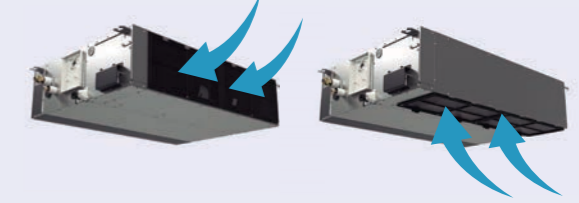
Selectable air inlet position

A removable panel allows air inlet position to be adjusted to enable rear or bottom entry, depending on ductwork installation.



Bend once Bend twice Bend three times

Based on in-house test result, even with a total ductwork length up to 10m, effectiveness of nanoe™ X is maintained.



DELUXE / STANDARD CEILING EXPOSED

- The slim design makes thickness only 235 mm.
- Compact looking, stylish, one-motion design.
- Comfortable, long-distance airflow distribution.



nanoeX
Generator Mark2

[Accessory] [Optional Wired Remote Controller]



CZ-RTC6
CZ-RTC6BL [BLE]
CZ-RTC6BLW [BLE&WLAN]



[Optional]
If not use
CZ-RTC6BLW,
The adaptor also
can be used.

CZ-CAPWFC1

DELUXE

Capacity [Btu/h(Phase)]	17,100	20,500	24,200	34,100	42,700	42,700(3)	47,800	47,800(3)
Power Source	230V, 1Ø Phase - 60Hz		230V, 1Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz	
Indoor Unit	S-18PT30A	S-21PT30A	S-24PT30A	S-34PT30A	S-43PT30A	S-3448PT30A	S-48PT30A	S-3448PT30A
Outdoor Unit	U-18PRH106	U-21PRH106	U-24PRH106	U-34PRH106	U-43PRH106	U-43PRH109	U-48PRH106	U-48PRH109
Cooling Capacity: Rated (Min-Max)	kW 17.100 [6.140-20.500]	20.500 [6.140-21.500]	24.200 [6.140-27.300]	34.100 [13.000-38.200]	42.700 [13.000-47.800]	42.700 [13.000-47.800]	47.800 [18.100-52.900]	47.800 [18.100-52.900]
Current: Rated (Max)	A 4.9 [9.1]	6.5 [11.0]	7.5 [12.0]	11.7 [25.5]	17.7 [26.0]	5.8 [10.5]	20.0 [28.0]	6.6 [11.5]
Power Input: Rated (Min-Max)	kW 1.08 [0.27-1.43]	1.44 [0.27-1.72]	1.70 [0.25-2.15]	2.47 [0.68-3.04]	3.75 [0.68-4.40]	3.75 [0.68-4.40]	4.24 [0.94-5.00]	4.24 [0.94-5.00]
CSPF	7.20	6.70	6.85	6.05	5.50	5.50	5.40	5.40
COP/EER	W/W 4.63	4.17	4.18	4.05	3.33	3.33	3.30	3.30
	Btu/hW 15.83	14.24	14.24	13.81	11.39	11.39	11.27	11.27
Indoor Unit								
Air Volume	m ³ /min 15.0	15.0	21.0	35.0	35.0	35.0	35.0	35.0
	cfm 530	530	740	1,235	1,235	1,235	1,235	1,235
Sound Pressure Level (Hi/Lo)	dB (A) 38 / 29	38 / 29	40 / 32	46 / 38	46 / 38	46 / 38	46 / 38	46 / 38
Sound Power Level (Hi/Lo)	dB (A) 56 / 47	56 / 47	58 / 50	64 / 56	64 / 56	64 / 56	64 / 56	64 / 56
Dimension	Indoor (HxWxD) mm 235 x 960 x 690	235 x 960 x 690	235 x 1,275 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690
Net Weight	Indoor kg 26	26	34	40	40	40	40	40
Outdoor Unit								
Sound Pressure Level	dB (A) 50	51	53	54	57	57	58	58
Sound Power Level	dB (A) 69	70	72	73	76	76	77	77
Dimension	Outdoor (HxWxD) mm 695 x 875 x 320	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
Net Weight	kg 39	39	69	69	69	69	75	75
Piping Connection	Gas Pipe mm (inch) 12.70 (1/2)	12.70 (1/2)	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) 6.35 (1/4)	6.35 (1/4)	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 5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
Elevation Difference	m 30	30	30	30	30	30	30	30
Maximum Chargeless Length Max	m 30	30	30	30	30	30	30	30
Additional Gas	g/m 15	15	25	25	25	25	25	25
Operation Range, Outdoor	Min-Max °C 16-52	16-52	16-52	16-52	16-52	16-52	16-52	16-52

* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * DELUXE series indoor units can only be connected to outdoor units of the same series. * CZ-CAPWFC1 is a WLAN smart adaptor for connecting to the Comfort Cloud app.

Specifications of R32 DELUXE Series **R32**



nanoeX
Generator Mark2

STANDARD

Capacity [Btu/h(Phase)]	17,100	20,500	24,200	29,000	34,100	42,700	42,700 (3)	45,500	45,500(3)	
Power Source	230V, 1Ø Phase - 60Hz				230V, 1Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz	
Indoor Unit	S-18PT30	S-21PT30	S-24PT30	S-30PT30	S-34PT30	S-43PT30	S-3448PT30	S-48PT30	S-3448PT30	
Outdoor Unit	U-18PR106	U-21PR106	U-24PR106	U-30PR106	U-34PR106	U-43PR106	U-43PR109	U-48PR106	U-48PR109	
Cooling Capacity: Rated (Min-Max)	kW 17.100 [6.820-19.100]	20.500 [6.820-21.500]	24.200 [6.820-26.600]	29.000 [6.820-32.800]	34.100 [10.900-38.200]	42.700 [13.000-46.200]	42.700 [13.000-46.200]	45.500 [13.000-47.800]	45.500 [13.000-47.800]	
Current: Rated (Max)	A 6.0(9.1)	8.6(11.0)	9.3(12.0)	12.2(15.5)	14.9(16.5)	6.4(10.5)	21.3(28.0)	7.0(11.0)	7.0(11.0)	
Power Input: Rated (Min-Max)	kW 1.33 [0.39-1.65]	1.92 [0.39-2.25]	2.10 [0.32-2.36]	2.75 [0.29-3.31]	3.36 [0.58-3.77]	4.10 [0.68-4.50]	4.10 [0.68-4.50]	4.50 [0.68-4.80]	4.50 [0.68-4.80]	
CSPF	6.18	5.65	5.51	5.86	5.04	5.08	5.08	4.98	4.98	
COP/EER	W/W 3.76	3.13	3.38	3.09	2.98	3.05	3.05	2.96	2.96	
	Btu/hW 12.86	10.68	11.52	10.55	10.15	10.41	10.41	10.11	10.11	
Indoor Unit										
Air Volume	m ³ /min 15.0	15.0	21.0	21.0	35.0	35.0	35.0	35.0	35.0	
	cfm 530	530	740	740	1,235	1,235	1,235	1,235	1,235	
Sound Pressure Level (Hi/Lo)	dB (A) 38 / 29	38 / 29	40 / 32	40 / 32	46 / 38	46 / 38	46 / 38	46 / 38	46 / 38	
Sound Power Level (Hi/Lo)	dB (A) 56 / 47	56 / 47	58 / 50	58 / 50	64 / 56	64 / 56	64 / 56	64 / 56	64 / 56	
Dimension	Indoor (HxWxD) mm 235 x 960 x 690	235 x 960 x 690	235 x 960 x 690	235 x 1,275 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690	235 x 1,590 x 690	
Net Weight	Indoor kg 26	26	34	34	40	40	40	40	40	
Outdoor Unit										
Sound Pressure Level	dB (A) 50	51	51	53	55	57	58	58	58	
Sound Power Level	dB (A) 69	70	70	72	74	76	77	77	77	
Dimension	Outdoor (HxWxD) mm 619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	
Net Weight	kg 29	29	33	39	48	67	67	67	67	
Piping Connection	Gas Pipe mm (inch) 12.70 (1/2)	12.70 (1/2)	15.88 (5/8)	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) 6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	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 5 - 30	5 - 30	5 - 30	5 - 30	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	
Elevation Difference	m 20	20	20	30	30	30	30	30	30	
Maximum Chargeless Length Max	m 10	10	10	30	30	30	30	30	30	
Additional Gas	g/m 15	15	15	25	25	25	25	25	25	
Operation Range, Outdoor	Min-Max °C 16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46	16-46	

* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * STANDARD series indoor units can only be connected to outdoor units of the same series. * CZ-CAPWFC1 is a WLAN smart adaptor for connecting to the Comfort Cloud app.

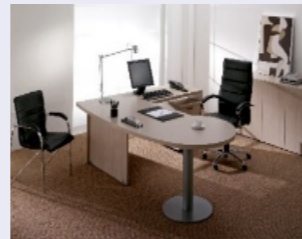
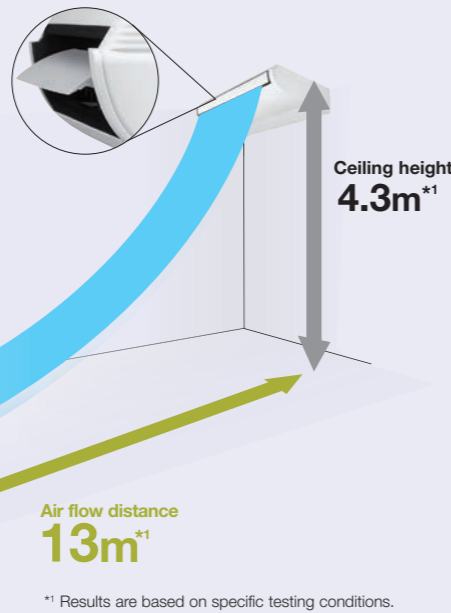
Specifications of R32 STANDARD Series **R32**

Advantages of Ceiling Exposed

Comfortable, Long-Distance Airflow Distribution

The shape of the outlet has been optimised to provide long-distance air flow distribution.

Even in long rooms, air flow reaches every corner for exceptionally comfortable air conditioning.



NX Series Remote Controller Information

		Compatibility Table		
		CZ-RTC6BLW Built-in BLE & WLAN	CZ-RTC6BL Built-in BLE	CZ-RTC6
App	CONEX Type			
		○	○	—
		○	○	—
		○	—	—

Wireless Remote Controller

* For 4-Way Cassette & Ceiling Exposed



Wired Remote Controller



CZ-RTC6BLW
CZ-RTC6BL
CZ-RTC6

CZ-RTC5B

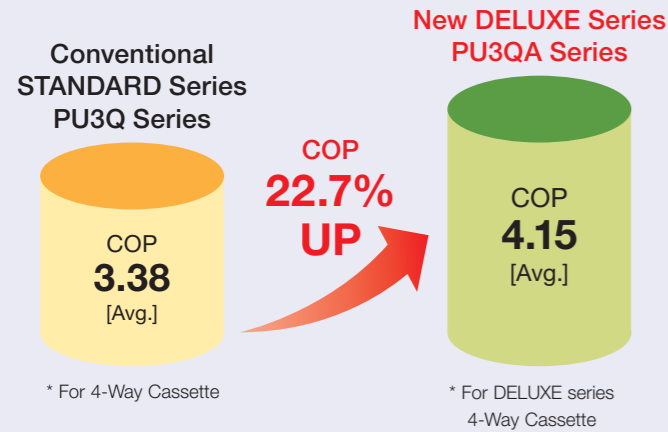
CZ-RTC4

High Energy Efficiency

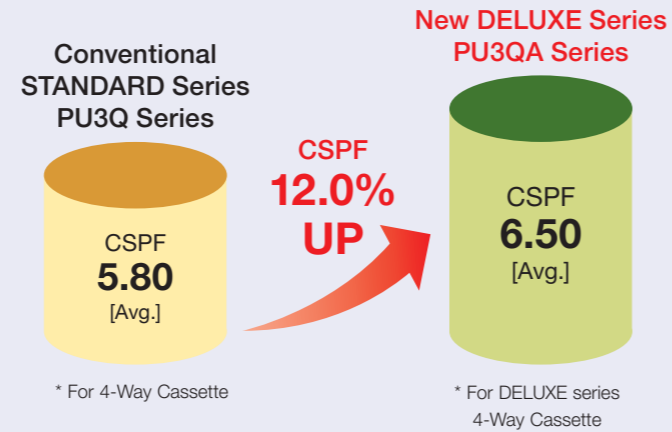
Save Power Consumption

NX series has 2 Lineup DLX & STD series, choose STD and DLX series depend on the project requirements. For DLX series, the Coefficient of Performance has been especially improved to reduce power consumption.

COP Comparison



CSPF Comparison

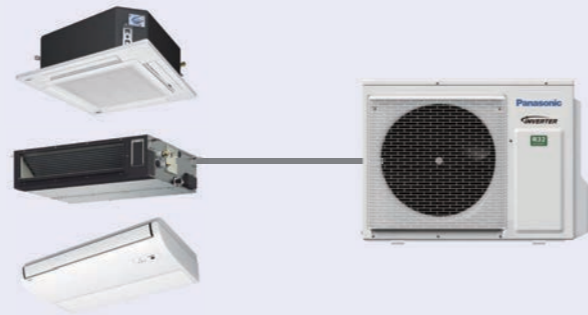


Operation Temperature

The operating range of the new NX series expanded up to outdoor air temperature of 52°C. Even in an extremely hot environment like Asian countries, they operate powerfully with its toughness.

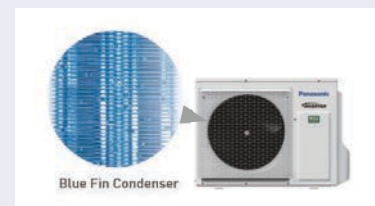


Long Piping Length



Differences	DELUXE series	STANDARD series
Piping length	5-50m for all range	24,200 Btu or less: 5-30m 29,000 Btu and above : 5-50m

Advantages for Outdoor Unit



High Durability Outdoor Unit

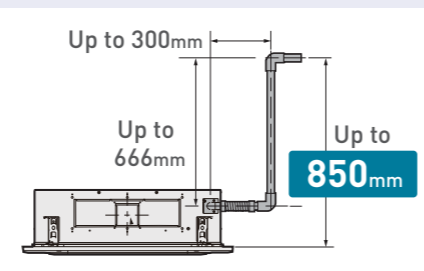
All Panasonic heat exchangers feature our Blue Fin technology, which offers enhanced corrosion resistance compared to non-Blue Fin models.



In-house manufactured compressor

Panasonic all in-house manufactured compressors are supplied to the world. The cumulative total of high-quality compressors in use has reached 580 million units*.
* As of September 2019. (In-house research)

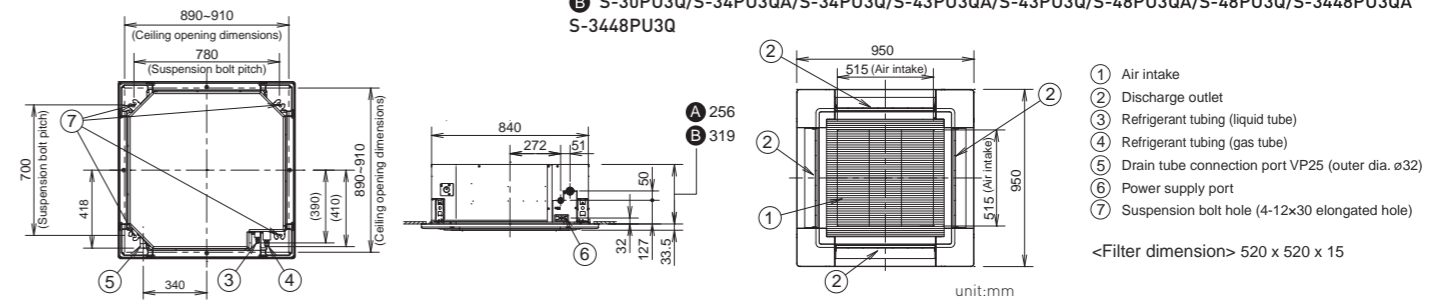
Installation Instruction



A strong and quiet drain pump

The drain pump can pump water up to a height of 850 mm, making drain pipe layout easy. Supports for 4-way Cassette

4-WAY CASSETTE NEW Dimensions



ADAPTIVE DUCTED NEW Dimensions

S-1821PF3Q/S-2430PF3Q/S-3448PF3Q

Detailed dimensions of indoor unit

Type	A mm	B mm	C mm	D mm	E mm	F Q'ty
1821	867	800	450 (Pitch 150 x 3)	71	592	12
2430	1,067	1,000	750 (Pitch 150 x 5)	21	792	16
3448	1,467	1,400	1,050 (Pitch 150 x 7)	71	1,192	20

8-ø3.2 hole For M4 self-tapping screw

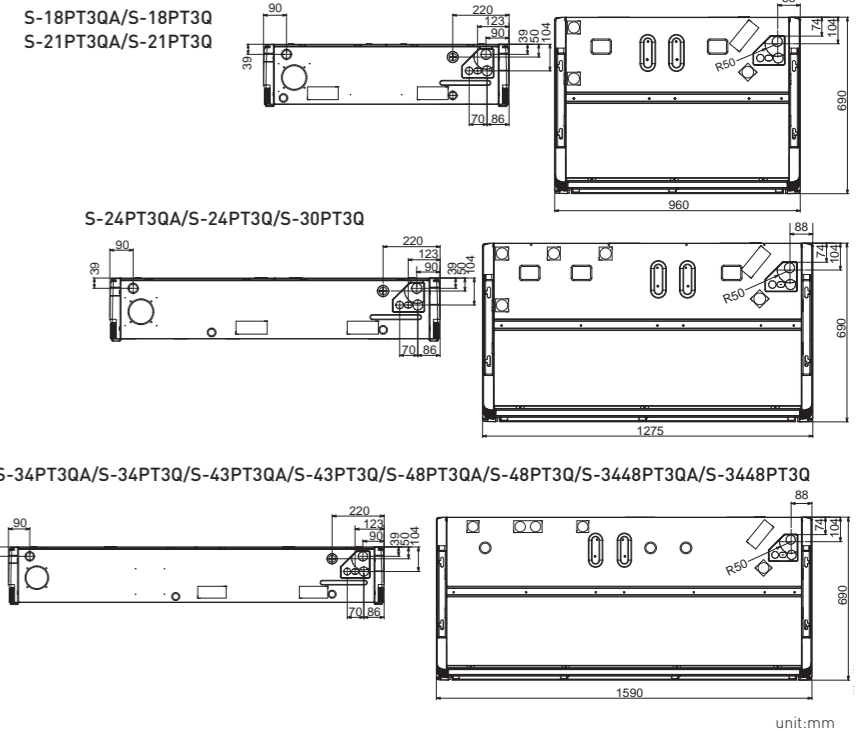
A (Suspension bolt pitch)

F-ø3 holes

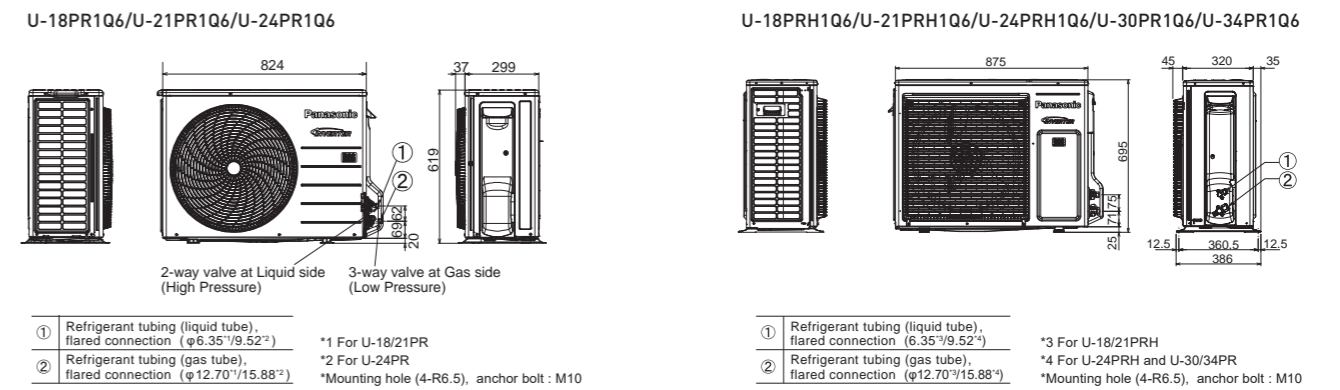
E (Flange O.D.)

unit:mm

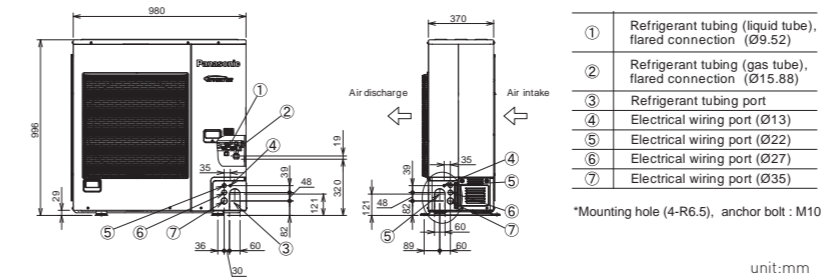
CEILING EXPOSED NEW Dimensions



OUTDOOR UNITS NEW Dimensions



U-34PRH1Q6/U-43PRH1Q6/U-43PR1Q6/U-43PRH1Q9/U-43PR1Q9/U-48PRH1Q6
U-48PR1Q6/U-48PRH1Q9/U-48PR1Q9



FLOOR STANDING

- Stylish design & powerful air flow
- The control panel/remote controller have nanoe™ X displays
- Compact 34,100 Btu ODU (210 mm shorter/27 kg lighter than current model)



Capacity [Btu/h]		24,600	34,100	42,700	47,750
Power Source	V/Phase Hz	230V, 1Ø Phase - 60Hz			
Indoor		S-24PB3Q6	S-34PB3Q6	S-43PB3Q6	S-48PB3Q6
Outdoor		U-24PRB1Q6	U-34PSB3Q6	U-43PSB3Q6	U-48PSB3Q6
Cooling Capacity: Rated [Min-Max]	kW	7.25 [1.00-7.50]	10.00 [1.20-10.30]	12.53 [2.00-13.50]	14.00 [2.00-14.60]
	Btu/h	24,600 [3,410-25,570]	34,100 [4,090-35,120]	42,700 [6,820-46,030]	47,750 [6,820-49,780]
Current: Rated [Max]	A	11.2 [13.7]	15.1 [16.9]	20.3 [26.9]	25.6 [28.1]
Cooling Power Input: Rated [Min-Max]	kW	2.55 [0.21-2.80]	3.45 [0.30-3.60]	4.47 [0.80-5.00]	5.60 [0.80-5.70]
CSPF		4.05	4.06	4.06	4.06
Cooling Rated COP/EER	W/W	2.84	2.89	2.80	2.50
	Btu/hW	9.64	9.88	9.55	8.52
Indoor Unit					
Cooling Air Volume	m³/min	15.5	32.0	32.0	32.0
	cfm	547	1,130	1,130	1,130
Sound Pressure Level [Hi/Lo]	dB [A]	45 / 33	53 / 44	53 / 44	53 / 44
Sound Power Level [Hi/Lo]	dB [A]	58 / 46	66 / 57	66 / 57	66 / 57
Dimension	Indoor [HxWxD]	mm 1,680 x 500 x 318	mm 1,880 x 600 x 357	mm 1,880 x 600 x 357	mm 1,880 x 600 x 357
Net Weight	Indoor	kg 29.5	kg 45.0	kg 45.0	kg 45.0
Outdoor					
Sound Pressure Level	dB [A]	54	54	55	56
Sound Power Level	dB [A]	67	67	68	69
Dimension Outdoor [HxWxD]	mm	626 x 825 x 320	786 x 900 x 320	996 x 940 x 340	996 x 940 x 340
Net Weight	kg	36.0	45.0	74.0	74.0
Piping Connection	Gas Pipe	mm (inch) 15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
	Liquid Pipe	mm (inch) 6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
Pipe Length	Min-Max	m 3 - 40	7.5 - 50	7.5 - 50	7.5 - 50
Elevation Difference [Outdoor unit upper]	m	20	20	30	30
Maximum Chargeless Length Max	m	15	20	20	20
Additional Gas	g/m	10	40	50	50
Operation Range, Outdoor	Min-Max °C	18-43	18-43	18-43	18-43

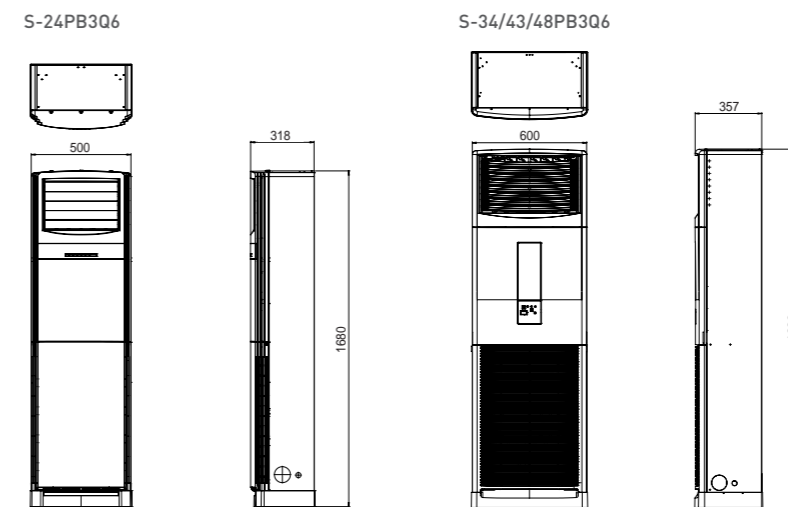
* Specifications are subject to change without notice. Please refer to technical documents for more details.
 * The sound pressure level is measured in accordance with JIS C 9 612 and JIS B 8616.

Product Lineup

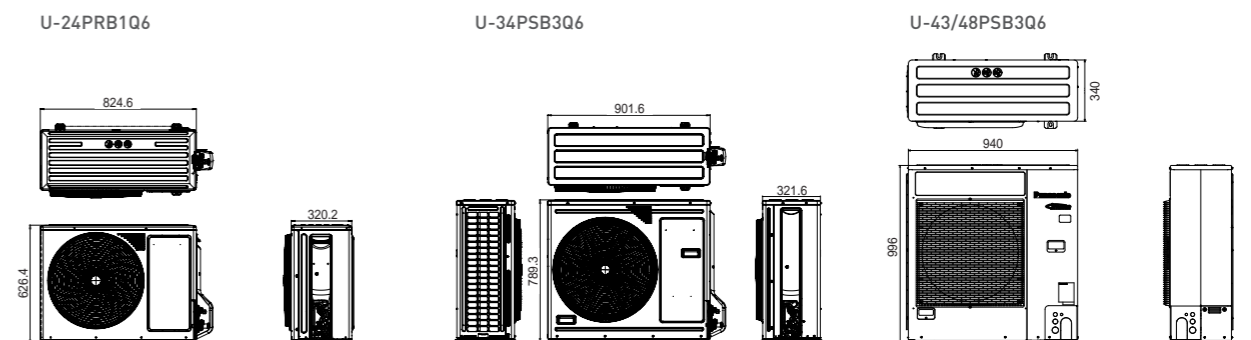
- All new models equipped with nanoe™ X Generator Mark 2 as standard
- Little installation work required, easy to clean
- Adjustable airflow direction provides a comfortable space for all

Type	Btu/h	24,600	34,100	42,700	47,750
Refrigerant		R32	R32	R410A	R410A
Floor standing		S-24PB3Q6			
Floor standing		S-34PB3Q6	S-43PB3Q6	S-48PB3Q6	S-48PB3Q6
Outdoor		U-24PRB1Q6	U-34PSB3Q6	U-43PSB3Q6	U-48PSB3Q6

FLOOR STANDINGS **NEW** Dimensions

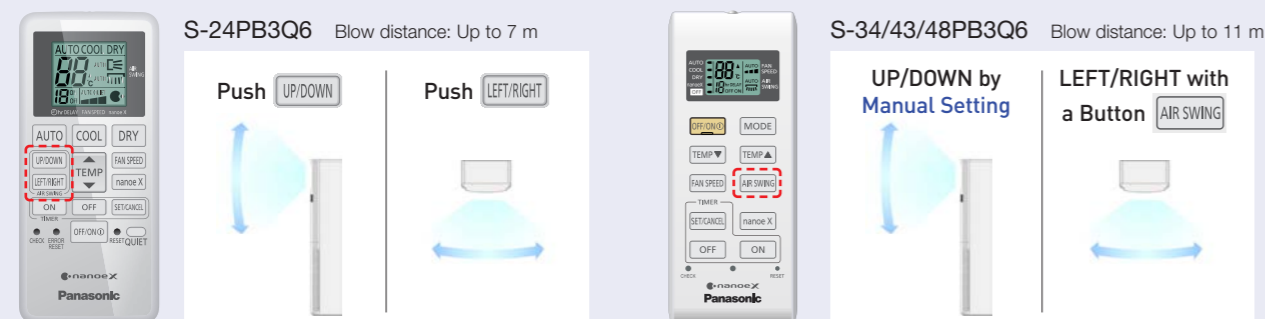


OUTDOOR UNITS **NEW** Dimensions



Clean airflow direction control with remote controller

Easily swing the louvre at the touch of a button.



Other Functions

Random auto restart

During a power failure, when power is restored, it automatically restarts operating in the same mode as just before power was lost.

Auto fan mode

When the auto fan mode is set, the indoor unit of the air conditioner automatically is adjusted the suitable fan speed according to factors such as load.

12-hour On/Off delay setting timer

Pressing the timer button on the remote control lets you set operation start/stop time within 12 hours of the current time.



* The images above show the remote controller screen display.

Product Lineup

2-WAY FSV-EX ME2 Series

Extraordinary energy-saving performance and powerful operation



Space-saving Combination Model

Cooling or Heating Type

Hi-Durability Model

- Wide range of systems from 8HP to 80HP
- Class-leading EER of 5.3 (for 8HP model)
- Industry-leading low noise of 53.0 DB (8HP model)
- Cooling operation possible with outdoor temperature as high as 52°C (DB)
- Long maximum pipe length (up to 1,000 m)
- Up to 64 indoor units connectable
- External static pressure of 80 Pa
- Extended operating range allows heating with outdoor temperatures as low as -25°C (WB)
- Suitable for R22 refurbishing projects



High Efficiency Combination Model

Cooling or Heating Type

Hi-Durability Model

- Wide range of systems from 8HP to 64HP
- Class-leading EER of 5.3 (for 8HP model)
- Higher EER than the Space-saving Combination Model e.g., a combination of two 10HP units delivering 20HP reduces compressor load.
- Suitable for R22 refurbishing projects

2-WAY Mini-FSV LE2/LE1 Series

For small-scale commercial and residential use



LE2 (3-phase)

Cooling or Heating Type 1/3-phase

4/5/6 HP

- High external static pressure 35Pa
- Wide operation range: Cooling: -10°C to 46°C DB, Heating at: -20°C to 18°C WB
- Refrigerant chargeless up to 50m
- Extraordinary energy saving: 5.08 EER for 4HP model
- Suitable for R22 renewal projects
- Maximum number of connectable indoor units : 9*



LE1

Cooling or Heating Type 3-phase

8/10 HP

- High external static pressure 35Pa
- Wide operation range: Cooling: -10°C to 46°C DB, Heating at: -20°C to 18°C DB
- Actual piping length: 150m (Total piping length: 300m)
- System difference of elevation: 50m /40m (outdoor above/below)
- Difference in elevation between indoor units: 15m
- Suitable for R22 renewal project
- Maximum number of connectable indoor units : 13

VRF Smart Connectivity+

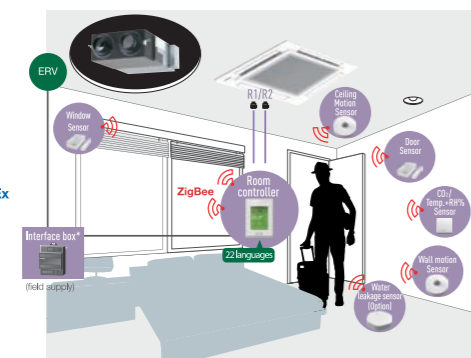
VRF Smart Connectivity+ offers efficient energy management and a new air conditioning control solution with high IAQ.



Energy Management System for Rooms

Sensing & Control technology

Detecting a room's temperature, humidity and CO2 concentration, ZigBee remote sensors detect the opening/closing of windows and doors, and the presence/absence of people in a room. Various IAQ controls and detailed energy savings are possible by using Interface box* based on this detected information.



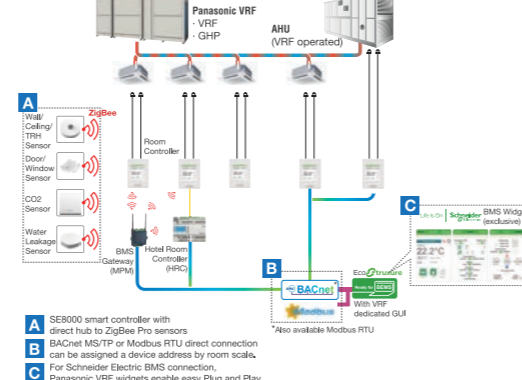
Schneider Electric smart controller SE8000

- Dramatic Reduction of OpEx with Outstanding IAQ.
- User-/Owner-friendly.
- Ultimate Customisation.
- Easy Design and Plug and Play Reducing CapEx.

Management System for the Entire Building

Plug and Play BMS connection

With the SE8000, connection to BMS is extremely easy better still, a remote controller is all that's needed to enable use as a stand-alone system. In addition to dramatically reducing the burden on system integrators, this cuts costs.



- A SE8000 smart controller with direct hub to ZigBee Pro sensors
- B BACnet MS/TIP or Modbus RTU direct connection can be assigned a device address by room scale.
- C For Schneider Electric BMS connection, Panasonic VRF widgets enable easy Plug and Play

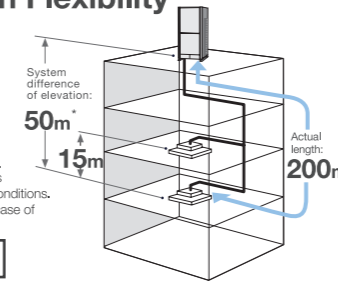
VRF System Air Conditioners

Designed for energy-savings, high efficiency, and high durability

Flexible Installation (FSV-EX ME2 Series)

Increased Piping Length for Greater Design Flexibility

The ME2 Series supports greater distances between indoor units and outdoor units, making it adaptable to buildings of various types and sizes.

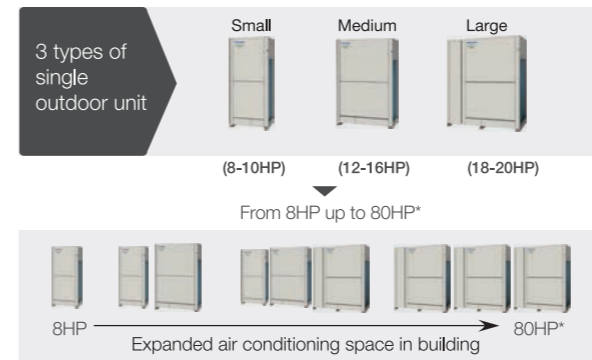


*1: 40 m if the outdoor unit is below the indoor unit, *Elevation difference of Max. 90m in case of ODU is higher than IDU may be allowed following certain conditions. Please consult with Panasonic sales engineers in case of piping elevation of over 50m is required.

Max. total length: 1,000m

Single Outdoor Units Combine to Expand Capacity up to 80HP

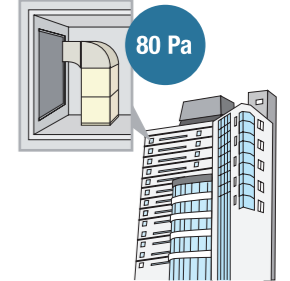
Designed to be durable enough to withstand extreme heat, FSV EX ensures reliable cooling operation over an extended operation range up to 52°C.



*High efficiency combination model provides capacity up to 64HP.

High External Static Pressure On Condensers

With a newly designed fan, fan guard, motor, and casing, new models can be custom-installed on-site to provide up to 80 Pa of external static pressure. An air discharge duct prevents shortages of air circulation, allowing outdoor units to be installed on every floor of a building.



Up to 64* Indoor Units can be connected

Flexibility in piping makes it easier to design air conditioning systems for locations such as train stations, airports, schools, and hospitals



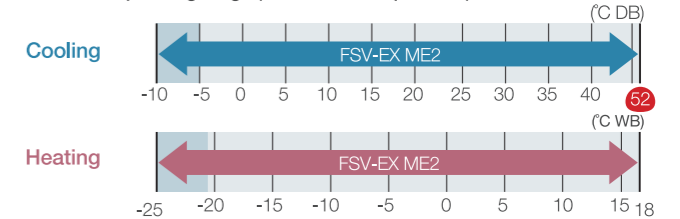
*Maximum number of indoor units depends on outdoor unit capacity.

High Efficiency (FSV-EX ME2 Series)

High Reliability Even Under High Temperature Conditions

Designed to be durable enough to withstand extreme heat, FSV EX ensures reliable cooling operation over an extended operation range up to 52°C.

Extended operating range (Outside air temperature)



Advanced Control Solutions

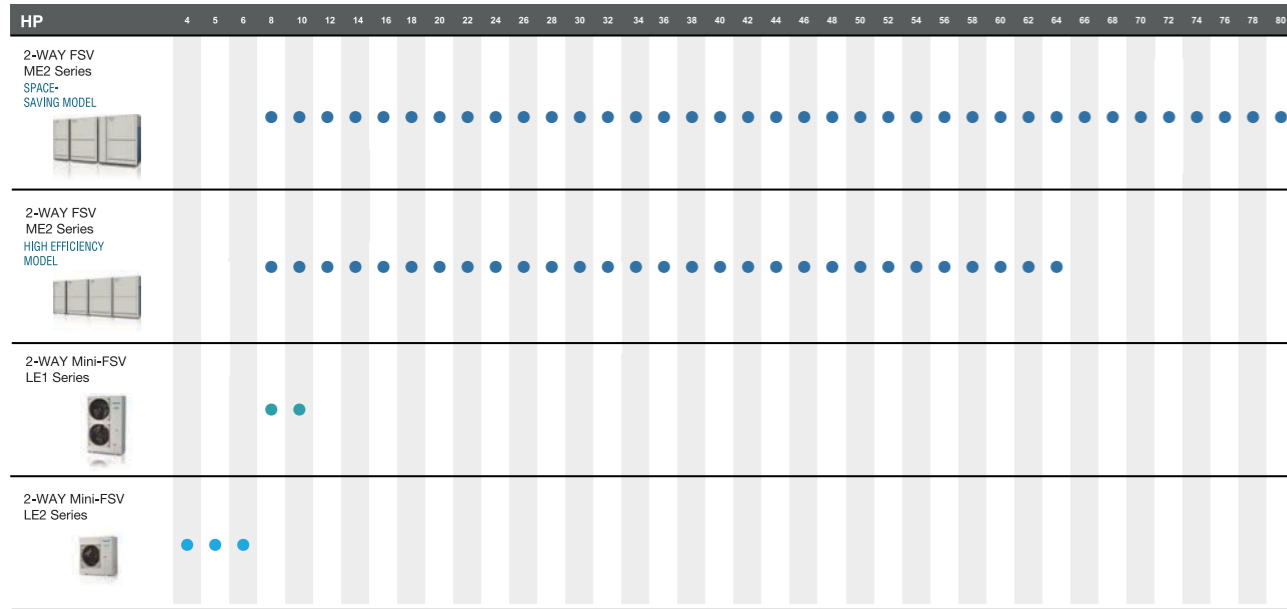
OPERATION SYSTEM	INDIVIDUAL CONTROL SYSTEMS				TIMER OPERATION	CENTRALISED CONTROL SYSTEMS			BMS System PC Base	Connection with 3rd Party Controller
	Simplified high-spec operation	High-spec operation	Normal operation	Operation anywhere in the room		Operation with various functions from a central location	Only ON/OFF operation from a central location	Simplified load distribution ratio (LDR) for each tenant		
Requirements					Daily and weekly program			10.4 in. touch screen panel color LCD	P-AIMS Software Up to 1024 units	Seri-Para I/O unit for outdoor unit
External appearance									CZ-CSWAC2	CZ-CAPDC2 Interface Adaptor
Type, model name	Simplified high-spec Wired Remote Controller CZ-RT06 CZ-RT06BL	High-spec Wired Remote Controller CZ-RTCSB	Timer Remote Controller (Wired) CZ-RTC4	Wireless Remote Controller Receiver: CZ-RWRU3 CZ-RWRL3 CZ-RWRD3 CZ-RWRT3 CZ-RWRC3	Schedule Timer CZ-ESWC2	System Controller CZ-64ESMC3	ON/OFF Controller CZ-ANC3	Intelligent Controller CZ-256ESMC3 (CZ-CFUNC2)	Optiona Software CZ-CSWAC2 for Load distribution CZ-CSWAC2 for Web application CZ-CSWGC2 for Object Based display CZ-CSWBC2 for BACnet software interface *PC required (field supply)	CZ-CAPFC3 CZ-CAPBC2 Communication Adaptor CZ-CFUNC2 LonWorks Interface CZ-CLNC2
Built-in thermostat	●	●	●	—	—	—	—	—		
ECONAVI ON/OFF control	●	●	●	●	—	●	—	●		
Number of indoor units which can be controlled	1 group, 8 units	1 group, 8 units	1 group, 8 units	1 group, 8 units	64 groups, max. 64 units	64 groups, max. 64 units	16 groups, max. 64 units	64 units x 16 systems, max. 256 units		

FSV Indoor Unit Lineup

Type	Class	Capacity KW BTU/h	22	28	36	45	56	60	73	90	106	140	160	180	224	280
			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
NEW nanoeX F3 type Mid Static Adaptive Ducted	nanoeX as a standard	7,500/8,500	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		
F2 type Mid Static Ducted		9,600/11,000	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		
M1 type Slim Low Static Ducted		12,000/14,000	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		
Z1 type Slim Low Static Ducted Twenty Series		15,000/17,000	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		
E2 type High Static Ducted / Energy Saving High-Fresh Air Ducted		19,000/21,000												●	●	●
																●
E1 type High Static Ducted		30,000/34,000														●
K2 type Wall Mounted		30,000/34,000	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		
NEW nanoeX U2 type 4-Way Cassette Panel No. CZ-KPU3H Panel No. CZ-KPU3A	nanoeX as a standard	36,000/39,000	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		
Y2 type 4-Way Mini Cassette Panel No. CZ-KPY3AW		47,600/54,600	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		
L1 type 2-Way Cassette Panel No. CZ-02KPL2 Panel No. CZ-03KPL2 (Only for S-73ML1E5)		54,600/61,500	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		
D1 type 1-Way Cassette Panel No. CZ-KPD2		61,400/68,200														●
T2 type Ceiling		16,000/18,000														●
P1 type Floor Standing		18,000/20,000	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		
R1 type Concealed Floor Standing		22,400/25,300	●	●	●	●	●	●	●	●	●	●	●			
			●	●	●	●	●	●	●	●	●	●	●	●		

*High fresh air system is not allowed for 18kW model.
**Only for CZ-KPU3A

FSV Outdoor Unit Lineup



SPLIT TYPE AIR CONDITIONER

XU SERIES PREMIUM INVERTER with nanoe™ X technology					
MODEL	CS-XU9XKQ (1.0 HP)	CS-XU12XKQ (1.5 HP)	CS-XU18XKQ (2.0 HP)	CS-XU24XKQ (2.5 HP)	CS-XU30VKQ (3.0 HP)
CSPF	5.81	6.53	6.92	6.81	5.70
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

XPU SERIES DELUXE INVERTER with nanoe™ X technology				
MODEL	CS-XPU9WKQ (1.0 HP)	CS-XPU12WKQ (1.5 HP)	CS-XPU18WKQ (2.0 HP)	CS-XPU24WKQ (2.5 HP)
CSPF	5.04	5.65	5.04	6.11
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★

PU SERIES STANDARD INVERTER				
MODEL	CS-PU9WKQ (1.0 HP)	CS-PU12WKQ (1.5 HP)	CS-PU18WKQ (2.0 HP)	CS-PU24XKQ (2.5 HP)
CSPF	5.04	5.65	5.04	6.11
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★

PN SERIES STANDARD NON-INVERTER				
MODEL	CS-PN9XKQ (1.0 HP)	CS-PN12XKQ (1.5 HP)	CS-PN18XKQ (2.0 HP)	CS-PN24XKQ (2.5HP)
CSPF	3.30	3.40	3.30	3.37
STAR RATING	★	★★	★★	★★

WINDOW TYPE AIR CONDITIONER

XU SERIES: INVERTER WINDOW TYPE with nanoe™ X technology				
MODEL	CW-XU1021VPH (1.0 HP)	CW-XU1221VPH (1.5 HP)	CW-XU1821EPH (2.0 HP)	CW-XU2421EPH (2.5 HP)
CSPF	4.84	4.54	4.84	4.91
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★

U SERIES: INVERTER WINDOW TYPE with nanoe™ X technology					
MODEL	CW-U921JPH (1.0 HP)	CW-U1021VPH (1.0 HP)	CW-U1221VPH (1.5 HP)	CW-U1821EPH (2.0 HP)	CW-U2421EPH (2.5 HP)
CSPF	4.36	4.76	4.47	4.77	4.82
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

XN: DELUXE WINDOW TYPE							
MODEL	CW-XN620JPH (0.5HP)	CW-XN820JPH (0.75HP)	CW-XN920JPH (1.0 HP)	CW-XN1020VPH (1.0 HP)	CW-XN1220VPH (1.5HP)	CW-XN1820EPH (2.0 HP)	CW-XN2420EPH (2.5 HP)
CSPF	3.18	3.57	3.34	3.56	3.27	3.44	2.83
STAR RATING	★	★★★	★★	★★★	★★	★★★	★

MN SERIES: MECHANICAL WINDOW TYPE				
MODEL	CW-MN620JPH (0.5HP)	CW-MN820JPH (0.75 HP)	CW-MN920JPH (1.0 HP)	CW-MN1220VPH (1.5 HP)
CSPF	3.18	3.57	3.34	3.24
STAR RATING	★	★★★	★★	★★

N SERIES: STANDARD WINDOW TYPE							
MODEL	CW-N620JPH (0.5HP)	CW-N820JPH (0.75HP)	CW-N920JPH (1.0 HP)	CW-N1020VPH (1.0 HP)	CW-N1220VPH (1.5 HP)	CW-N1820EPH (2.0 HP)	CW-N2420EPH (2.5 HP)
CSPF	3.18	3.57	3.34	3.56	3.27	3.44	2.83
STAR RATING	★	★★★	★★	★★	★★	★★★	★

PACKAGED AIR CONDITIONERS INVERTER with nanoe™ X technology

DELUXE 4-WAY CASSETTE INVERTER with nanoe™ X technology						
MODEL	S-18PU3QA (2.0 HP)	S-21PU3QA (2.5 HP)	S-24PU3QA (3.0 HP)	S-34PU3QA (4.0 HP)	S-43PU3QA (5.0 HP)	S-48PU3QA (6.0 HP)
CSPF	7.50	7.10	6.80	6.60	6.30	5.70
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

STANDARD 4-WAY CASSETTE INVERTER with nanoe™ X Technology							
MODEL	S-18PU3Q (2.0 HP)	S-21PU3Q (2.5 HP)	S-24PU3Q (3.0 HP)	S-30PU3Q (3.5 HP)	S-34PU3Q (4.0 HP)	S-43PU3Q (5.0 HP)	S-48PU3Q (6.0 HP)
CSPF	6.27	5.89	6.08	5.97	5.83	5.80	5.23
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

DELUXE CEILING EXPOSED INVERTER with nanoe™ X technology						
MODEL	S-18PT3QA (2.0 HP)	S-21PT3QA (2.5 HP)	S-24PT3QA (3.0 HP)	S-34PT3QA (4.0 HP)	S-43PT3QA (5.0 HP)	S-48PT3QA (6.0 HP)
CSPF	7.20	6.70	6.85	6.05	5.50	5.40
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

STANDARD CEILING EXPOSED INVERTER with nanoe™ X technology							
MODEL	S-18PT3Q (2.0 HP)	S-21PT3Q (2.5 HP)	S-24PT3Q (3.0HP)	S-30PT3Q (3.5 HP)	S-34PT3Q (4.0HP)	S-43PT3Q (5.0HP)	S-48PT3Q (6.0 HP)
CSPF	6.18	5.65	5.51	5.86	5.04	5.08	4.98
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

FLOOR STANDING AIR CONDITIONER INVERTER with nanoe™ X technology

MODEL	S-24PB3Q6 (3.0HP) R32	S-34PB3Q6 (4.0 HP) R410A	S-43PB3Q6 (5.0 HP) R410A	S-48PB3Q6 (6.0 HP) R410A
CSPF	4.05	4.06	4.06	4.06
STAR RATING	★★★★★	★★★★★	★★★★★	★★★★★

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.

