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Product information



Technical documents
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PACKAGED AIR CONDITIONERS 2025/2026



nanoeX



CONEX

INVERTER



QUALITY AIR FOR LIFE

NX Series Product Lineup

- 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   	S-18PU3QA	S-21PU3QA	S-24PU3QA	—	S-34PU3QA	S-43PU3QA	S-48PU3QA	
							S-3448PU3QA**	
4-Way Cassette STANDARD   	S-18PU3Q	S-21PU3Q	S-24PU3Q	S-30PU3Q	S-34PU3Q	S-43PU3Q	S-48PU3Q	
							S-3448PU3Q**	
Adaptive Ducted DELUXE/STANDARD   	S-1821PF3Q		S-2430PF3Q		S-3448PF3Q			
Ceiling Exposed DELUXE   	S-18PT3QA	S-21PT3QA	S-24PT3QA	—	S-34PT3QA	S-43PT3QA	S-48PT3QA	
							S-3448PT3QA**	
Ceiling Exposed STANDARD   	S-18PT3Q	S-21PT3Q	S-24PT3Q	S-30PT3Q	S-34PT3Q	S-43PT3Q	S-48PT3Q	
							S-3448PT3Q**	
Outdoor DELUXE  	U-18PRH1Q6	U-21PRH1Q6	U-24PRH1Q6	—	U-34PRH1Q6	U-43PRH1Q6	U-48PRH1Q6	
	—	—	—	—	—	U-43PRH1Q9**	U-48PRH1Q9**	
Outdoor STANDARD  	U-18PR1Q6	U-21PR1Q6	U-24PR1Q6	U-30PR1Q6	U-34PR1Q6	U-43PR1Q6	U-48PR1Q6	
	—	—	—	—	—	U-43PR1Q9**	U-48PR1Q9**	

* Black models are also available. ** 3-phase model newly added.

Note: DELUXE and STANDARD Series indoor units can only be connected to outdoor units of the same series.

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

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.

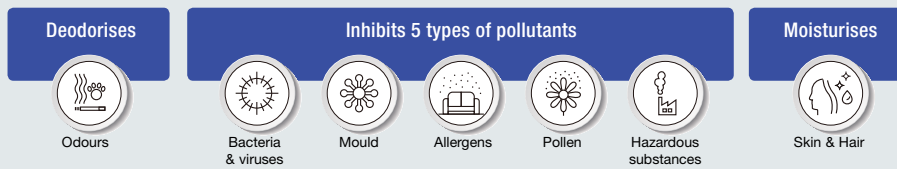


Please refer to the nanoe™ X website.



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.



CONEX Control

New smart design/colour 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.



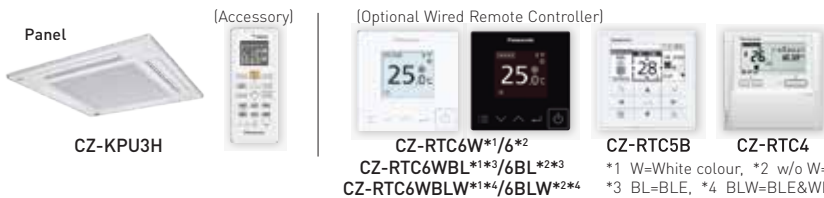
*1 Black models are also available.

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.



nanoe™ X
Generator Mark3



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		230V, 1Ø Phase - 60Hz			
Indoor Unit	S-18PU30A	S-21PU30A	S-24PU30A	S-34PU30A	S-43PU30A	S-3448PU30A	S-48PU30A	S-3448PU30A	
Outdoor Unit	U-18PRH1Q6	U-21PRH1Q6	U-24PRH1Q6	U-34PRH1Q6	U-43PRH1Q6	U-43PRH1Q9	U-48PRH1Q6	U-48PRH1Q9	
Panel	CZ-KPU3H								
Cooling Capacity: Rated [Min-Max]	kW								
Current: Rated [Max]	A								
Power input: Rated [Min-Max]	kW								
CSPF	W/W								
COP/EER	Btu/hW								
Indoor Unit									
Air Volume	m³/min	25.0	25.0	25.0	36.4	36.4	36.4	36.4	
Sound Pressure Level (Hi/L0)	dB [A]	42 / 35	42 / 35	42 / 35	47 / 41	47 / 41	47 / 41	47 / 41	
Sound Power Level (Hi/L0)	dB [A]	57 / 50	57 / 50	57 / 50	62 / 56	62 / 56	62 / 56	62 / 56	
Dimension	Indoor (HxWxD)	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
	Panel (HxWxD)	mm	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950
Net Weight	Indoor	kg	21	21	21	24	24	24	
	Panel	kg	5	5	5	5	5	5	
Outdoor Unit									
Sound Pressure Level	dB [A]	50	51	53	54	57	57	58	
Sound Power Level	dB [A]	69	70	72	73	76	76	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
	Net Weight	kg	39	39	39	69	69	75	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)
	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)
Pipe Length	Min-Max	m	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	
Elevation Difference		m	30	30	30	30	30	30	
Maximum Chargeless Length	Max	m	30	30	30	30	30	30	
Additional Gas		g/m	15	15	25	25	25	25	
Operation Range	Outdoor Min-Max	°C	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.

What's nanoe™ X Generator Mark 3

48 Trillion Hydroxyl Radicals Generated

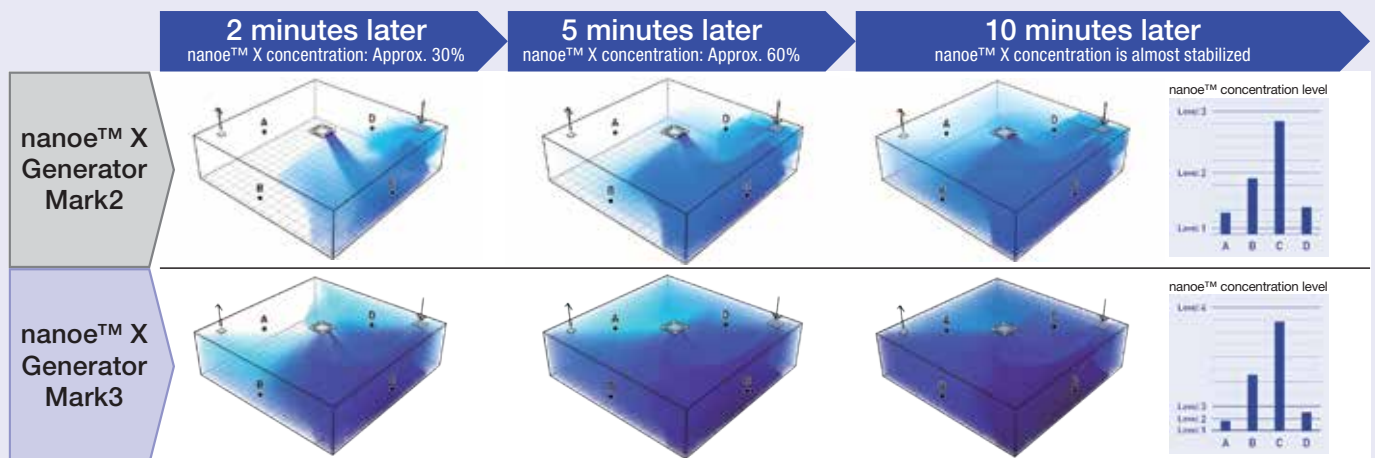
The amount of hydroxyl radicals generated increased 100 times, compared to original nanoe™.

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.



Conditions of the simulation : Verification space: 168 m³ / Room size: 70 m² / Room height: 2.4 m/Inspection model: 4-way cassette / Position of IDU: center

nanoe™ concentration level 1 2 3 4

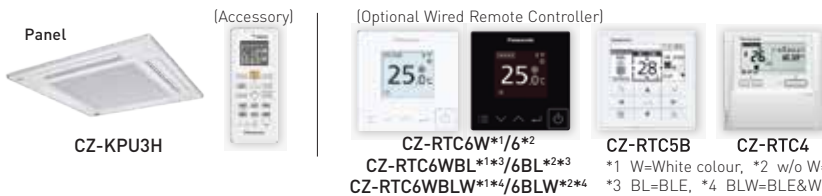
* There are 7 key benefits provided by nanoe when concentration reaches Level 1. The concentration level affects the speed at which the benefits occur. Concentration level 2 is 10 times the concentration of level 1, and concentration level 3 is 20 times the concentration of level 1. ** The results shown are for simulation purpose only and concentration may vary due to actual room conditions

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.



nanoeX
Generator Mark2



CZ-KPU3H
CZ-RTC6W*/6*2
CZ-RTC6WBL*1*3*/6BL*2*3
CZ-RTC5B
CZ-RTC4
*1 W=White colour, *2 w/o W=Black colour,
*3 BL=BLE, *4 BLW=BLE&WLAN

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	V/Phase Hz						230V, 1Ø Phase - 60Hz			
Indoor Unit	S-18PU3Q						S-3448PU3Q			
Outdoor Unit	U-18PR1Q6						U-48PR1Q6			
Panel	CZ-KPU3H						CZ-KPU3H			
Cooling Capacity: Rated [Min-Max]	kW	5.00 [2.00-5.60]	6.00 [2.00-6.30]	7.10 [2.10-8.00]	8.50 [2.10-10.00]	10.00 [3.20-11.20]	12.50 [3.80-14.00]	14.00 [3.80-14.71]	14.00 [3.80-14.71]	
	Btu/h	17,100 [6,820-19,100]	20,500 [6,820-21,500]	24,200 [7,170-27,300]	29,000 [7,170-34,100]	34,100 [10,900-38,200]	42,700 [13,000-47,800]	42,700 [13,000-47,800]	47,800 [13,000-50,200]	47,800 [13,000-50,200]
Current: Rated [Max]	A	5.2(9.1)	7.7(11.0)	8.8(12.0)	11.2(15.5)	14.3(16.5)	17.7(26.0)	5.8(10.5)	22.8(28.0)	
Power input: Rated [Min-Max]	kW	1.14 [0.38-1.50]	1.71 [0.38-2.10]	1.99 [0.30-2.26]	2.52 [0.28-3.33]	3.23 [0.61-3.73]	3.74 [0.63-4.25]	3.74 [0.63-4.25]	4.83 [0.63-5.10]	4.83 [0.63-5.10]
CSPF		6.27	5.89	6.08	5.97	5.89	5.80	5.80	5.23	5.23
COP/EER	W/W	4.39	3.51	3.57	3.37	3.10	3.34	3.34	2.90	2.90
	Btu/h/W	15.00	11.99	12.16	11.51	10.56	11.42	11.42	9.90	9.90
Indoor Unit										
Air Volume	m ³ /min	25.0	25.0	25.0	25.0	36.4	36.4	36.4	36.4	
	cfm	882	882	882	882	1,285	1,285	1,285	1,285	
Sound Pressure Level [Hi/L0]	dB [A]	42 / 35	42 / 35	42 / 35	42 / 35	47 / 41	47 / 41	47 / 41	47 / 41	
Sound Power Level [Hi/L0]	dB [A]	57 / 50	57 / 50	57 / 50	57 / 50	62 / 56	62 / 56	62 / 56	62 / 56	
Dimension	Indoor [HxWxD]	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
	Panel [HxWxD]	mm	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950	44 x 950 x 950
Net Weight	Indoor	kg	21	21	21	21	24	24	24	
	Panel	kg	5	5	5	5	5	5	5	
Outdoor Unit										
Sound Pressure Level	dB [A]	49	50	51	53	55	57	57	58	58
Sound Power Level	dB [A]	68	69	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	
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.

Advantages of 4-way Cassette

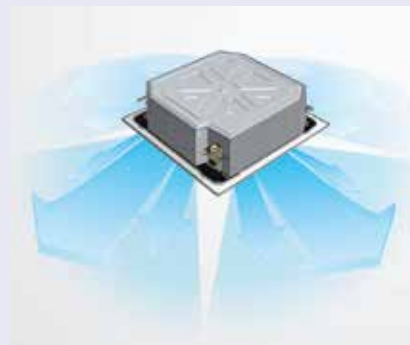
Compact, Modern & Flat Panel Design

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



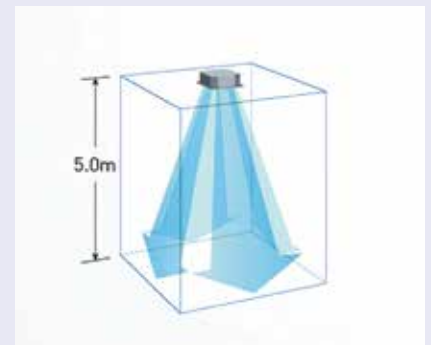
Powerful Airflow

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-RTC6W*1/6*2
CZ-RTC6WBL*1*3/6BL*2*3
CZ-RTC6WBLW*1*4/6BLW*2*4
CZ-RTC5B CZ-RTC4
*1 W=White colour, *2 w/o W=Black colour, *3 BL=BLE, *4 BLW=BLE&WLAN



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	V/Phase Hz	230V, 1Ø Phase - 60Hz			400V, 3Ø Phase - 60Hz			230V, 1Ø Phase - 60Hz	
Indoor Unit		S-1821PF3Q	S-1821PF3Q	S-2430PF3Q	S-3448PF3Q	S-3448PF3Q	S-3448PF3Q	S-3448PF3Q	S-3448PF3Q
Outdoor Unit		U-18PRH1Q6	U-21PRH1Q6	U-24PRH1Q6	U-34PRH1Q6	U-43PRH1Q6	U-43PRH1Q9	U-48PRH1Q6	U-48PRH1Q9
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]
	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]
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]
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]
CSPF		5.90	5.60	6.10	6.40	5.45	5.45	5.55	5.55
COP/EER	W/W	4.31	3.80	3.94	4.17	3.48	3.48	3.23	3.23
	Btu/hW	14.74	12.97	13.44	14.21	11.89	11.89	11.01	11.01
Indoor Unit									
Air Volume	m ³ /min cfm	16.0 565	16.0 565	21.0 740	36.0 1,270	36.0 1,270	36.0 1,270	36.0 1,270	36.0 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]
Sound Pressure Level [Hi/L0]	dB [A]	35 / 29	35 / 29	35 / 29	40 / 30	40 / 30	40 / 30	40 / 30	40 / 30
Sound Power Level [Hi/L0]	dB [A]	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	39	39	39	39	39
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	39	69	69	67	75	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
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

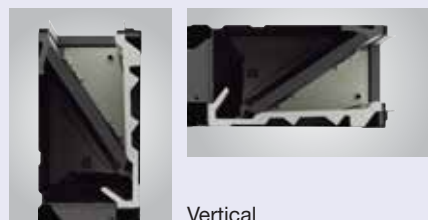
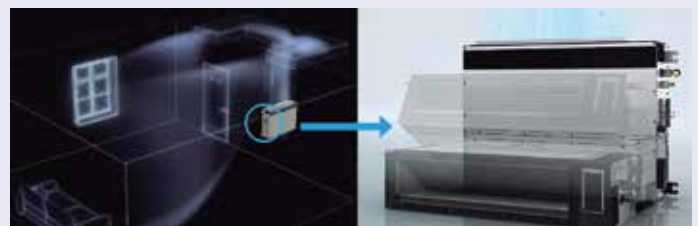
* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * DELUXE series indoor units can only be connected to outdoor units of the same series.

Flexible Installation Adaptive Ducted

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 flexibility in an industry-leading vertical installation.



Product information



Horizontal

Vertical

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.



STANDARD

Specifications of R32 STANDARD Series R32

Capacity [Btu/h(Phase)]	17,100	20,500	24,200	27,600	34,100	42,700	42,700 [3]	47,000	47,000[3]
Power Source	230V, 1Ø Phase - 60Hz			230V, 1Ø Phase - 60Hz			400V, 3Ø Phase - 60Hz	230V, 1Ø Phase - 60Hz	400V, 3Ø Phase - 60Hz
Indoor Unit	S-1821PF3Q	S-1821PF3Q	S-2430PF3Q	S-2430PF3Q	S-3448PF3Q	S-3448PF3Q	S-3448PF3Q	S-3448PF3Q	S-3448PF3Q
Outdoor Unit	U-18PR1Q6	U-21PR1Q6	U-24PR1Q6	U-30PR1Q6	U-34PR1Q6	U-43PR1Q6	U-43PR1Q9	U-48PR1Q6	U-48PR1Q9
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]	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]	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]	13.8 [16.5]	18.7 [26.0]	6.1 [10.5]	22.5 [28.0]
	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]
CSPF		5.02	4.65	5.21	5.21	4.74	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
	Btu/hW	11.10	10.51	10.66	10.62	10.93	10.78	10.78	9.85
Indoor Unit									
Air Volume	m ³ /min	16.0	16.0	21.0	21.0	36.0	36.0	36.0	36.0
	cfm	565	565	740	740	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]
Sound Pressure Level (Hi/L0)	dB [A]	35 / 29	35 / 29	35 / 29	35 / 29	40 / 30	40 / 30	40 / 30	40 / 30
Sound Power Level (Hi/L0)	dB [A]	58 / 52	58 / 52	58 / 52	58 / 52	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 1,000 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
Outdoor Unit									
Sound Pressure Level	dB [A]	50	51	51	53	55	57	58	58
Sound Power Level	dB [A]	69	70	70	72	74	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
Net Weight		kg	29	29	33	39	48	68	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]
	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]
Pipe Length	Min-Max	m	5 - 30	5 - 30	5 - 30	5 - 50	5 - 50	5 - 50	5 - 50
Elevation Difference		m	20	20	20	30	30	30	30
Maximum Chargeless Length	Max	m	10	10	10	30	30	30	30
Additional Gas		g/m	15	15	15	25	25	25	25
Operation Range, Outdoor	Min-Max	°C	16-46	16-46	16-46	16-46	16-46	16-46	16-46

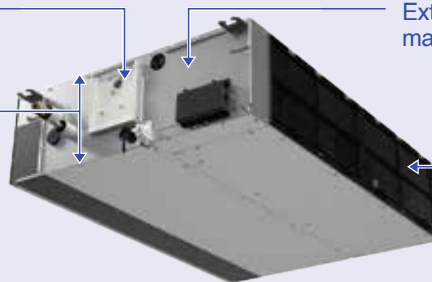
* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * STANDARD series indoor units can only be connected to outdoor units of the same series.

Technical Focus

Built-in Drain pump (DC motor pump)

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.



External electrical equipment box makes maintenance easy

Built-in filter

Superior air quality • nanoeX

The ducted models are equipped with nanoe™ X as standard, a 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.

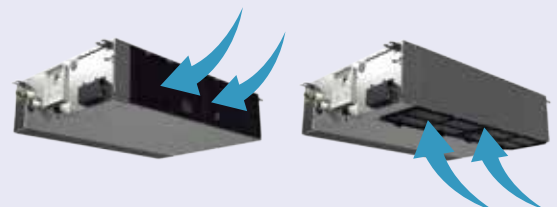
Note: PF3 and PE3 (16.0kW and below) ranges only.



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.

Selectable air inlet position

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



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-RTC6W*1/6*2

CZ-RTC6WBL*1*3/6BL*2*3

CZ-RTC6WBLW*1*4/6BLW*2*4

CZ-RTC5B

CZ-RTC4

*1 W=White colour, *2 w/o W=Black colour,

*3 BL=BLE, *4 BLW=BLE&WLAN

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	V/Phase Hz	230V, 1Ø Phase - 60Hz			400V, 3Ø Phase - 60Hz			230V, 1Ø Phase - 60Hz	
Indoor Unit		S-18PT3QA	S-21PT3QA	S-24PT3QA	S-34PT3QA	S-43PT3QA	S-3448PT3QA	S-48PT3QA	S-3448PT3QA
Outdoor Unit		U-18PRH1Q6	U-21PRH1Q6	U-24PRH1Q6	U-34PRH1Q6	U-43PRH1Q6	U-43PRH1Q9	U-48PRH1Q6	U-48PRH1Q9
Cooling Capacity: Rated [Min-Max]	kW	5.00 [1.80-6.00]	6.00 [1.80-6.30]	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]
	Btu/h	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/L0]	dB [A]	38 / 29	38 / 29	40 / 32	46 / 38	46 / 38	46 / 38	46 / 38	46 / 38
Sound Power Level [Hi/L0]	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
Net Weight	Indoor	kg	26	26	34	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
Net Weight		kg	39	39	39	69	69	75	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]
	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]
Pipe Length	Min-Max	m	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
Elevation Difference		m	30	30	30	30	30	30	30
Maximum Chargeless Length	Max	m	30	30	30	30	30	30	30
Additional Gas		g/m	15	15	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

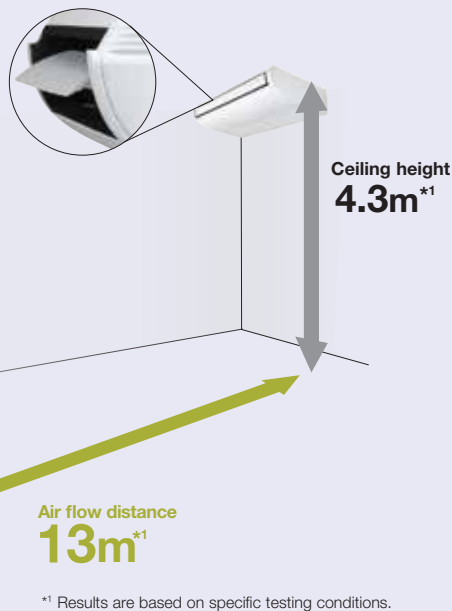
* Specifications are subject to change without notice. Please refer to technical documents for more details. * The sound pressure level is measured in accordance with JIS C 9612 and JIS B 8616. * DELUXE series indoor units can only be connected to outdoor units of the same series.

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.











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]	45,500	45,500[3]	
Power Source	V/Phase Hz	230V, 1Ø Phase - 60Hz					400V, 3Ø Phase - 60Hz		230V, 1Ø Phase - 60Hz		400V, 3Ø Phase - 60Hz
Indoor Unit		S-18PT3Q	S-21PT3Q	S-24PT3Q	S-30PT3Q	S-34PT3Q	S-43PT3Q	S-3448PT3Q	S-48PT3Q	S-3448PT3Q	
Outdoor Unit		U-18PR1Q6	U-21PR1Q6	U-24PR1Q6	U-30PR1Q6	U-34PR1Q6	U-43PR1Q6	U-43PR1Q9	U-48PR1Q6	U-48PR1Q9	
Cooling Capacity: Rated [Min-Max]	kW Btu/h	5.00 [2.00-5.60] 17,100 [6,820-19,100]	6.00 [2.00-6.30] 20,500 [6,820-21,500]	7.10 [2.00-7.80] 24,200 [6,820-26,600]	8.50 [2.00-9.60] 29,000 [6,820-32,800]	10.00 [3.20-11.20] 34,100 [10,900-38,200]	12.50 [3.80-13.54] 42,700 [13,000-46,200]	12.50 [3.80-13.54] 42,700 [13,000-46,200]	13.33 [3.80-14.00] 45,500 [13,000-47,800]	13.33 [3.80-14.00] 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]	19.4 [26.0]	6.4 [10.5]	21.3 [28.0]	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 Btu/hW	3.76 12.86	3.13 10.68	3.38 11.52	3.09 10.55	2.98 10.15	3.05 10.41	3.05 10.41	2.96 10.11	2.96 10.11	
Indoor Unit											
Air Volume	m ³ /min cfm	15.0 530	15.0 530	21.0 740	21.0 740	35.0 1,235	35.0 1,235	35.0 1,235	35.0 1,235	35.0 1,235	
Sound Pressure Level [Hi/L0]	dB [A]	38 / 29	38 / 29	40 / 32	40 / 32	46 / 38	46 / 38	46 / 38	46 / 38	46 / 38	
Sound Power Level [Hi/L0]	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 1,275 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	
Net Weight	Indoor	kg	26	26	34	34	40	40	40	40	
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	68	67	
Piping Connection	Gas Pipe Liquid Pipe	mm (inch)	12.70 [1/2] 6.35 [1/4]	12.70 [1/2] 6.35 [1/4]	15.88 [5/8] 9.52 [3/8]	15.88 [5/8] 9.52 [3/8]	15.88 [5/8] 9.52 [3/8]	15.88 [5/8] 9.52 [3/8]	15.88 [5/8] 9.52 [3/8]	15.88 [5/8] 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	
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	
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.

NX Series Remote Controller Information

		Compatibility Table		
CONEX Type		CZ-RTC6WBLW*1*2 Built-in BLE & WLAN	CZ-RTC6WBL*1*3 Built-in BLE	CZ-RTC6W*1
		 Bluetooth	 Bluetooth	
App		○	○	—
		○	○	—
		○	—	—

Wireless Remote Controller

* For 4-Way Cassette & Ceiling Exposed



Wired Remote Controller



CZ-RTC6W*1 CZ-RTC6*5 CZ-RTC6BL*3*5 CZ-RTC5B CZ-RTC4
CZ-RTC6WBL*1*3 CZ-RTC6BL*3*5
CZ-RTC6WBLW*1*2 CZ-RTC6BLW*2*5

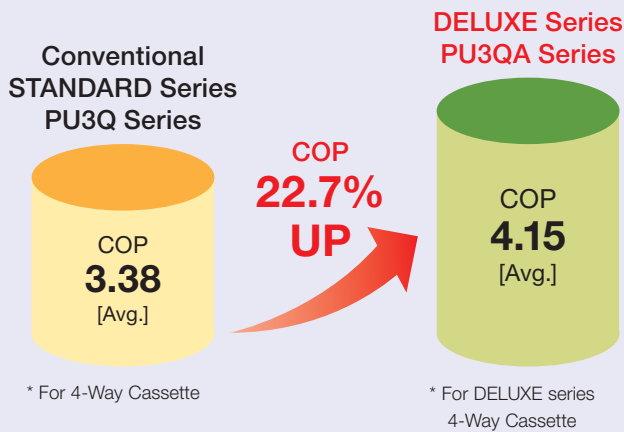
*1 W=White color, *2 BLW=BLE&WLAN, *3 BL=BLE, *4 Black models are also available. *5 w/o W=Black color.

High Energy Efficiency

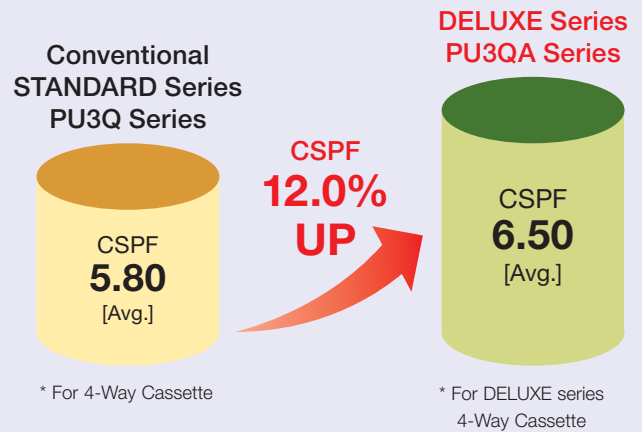
Save Power Consumption

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

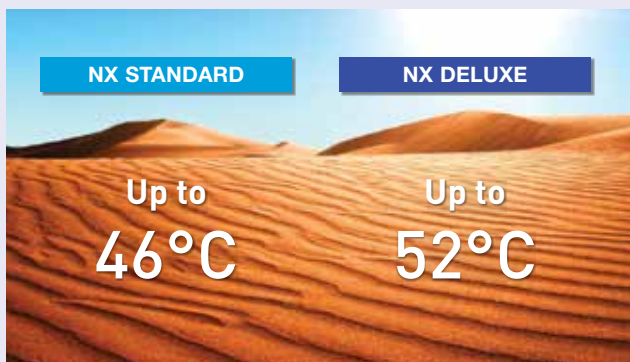


CSPF Comparison

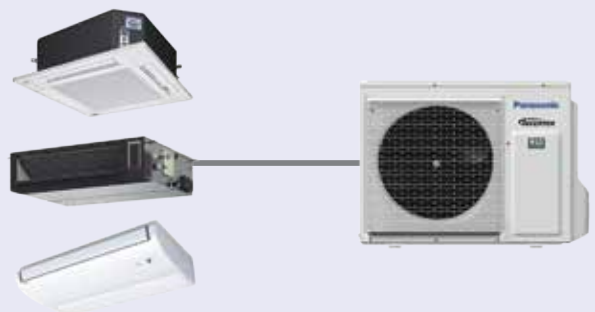


Operation Temperature

The operating range of the 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.

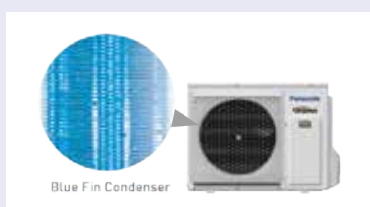


Long Piping Length



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.

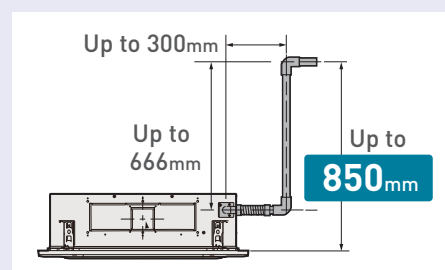


In-house manufactured compressor

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

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)

(S-24PB3Q6 Accessory)



(S-24PB3Q6 Control Panel)



(S-34/43/48 PB3Q6 Accessory)



(S-34/43/48 PB3Q6 Control Panel)



S-24PB3Q6



S-34PB3Q6/
S-43PB3Q6/
S-48PB3Q6



Capacity [Btu/h]		24,600	34,100	42,700	47,750
Power Source	V/Phase Hz	230V, 10 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	1,880 x 600 x 357	1,880 x 600 x 357
	Net Weight	Indoor	kg	29.5	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
Piping Connection	Gas Pipe	mm (inch)	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]
Pipe Length	Min-Max	m	3 - 40	5 - 50	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

* 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.

Clean airflow direction control with remote controller

Easily swing the louvre at the touch of a button.



S-24PB3Q6 Blow distance: Up to 7 m



S-34/43/48PB3Q6 Blow distance: Up to 11 m



Other Functions

Random auto restart

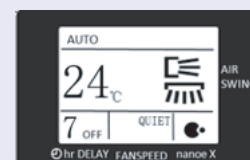
During a power failure, when power is restored, it automatically restarts operating in the same mode as just before power was lost.

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.

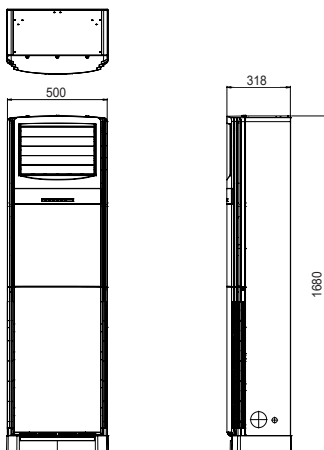
Product Lineup

- 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

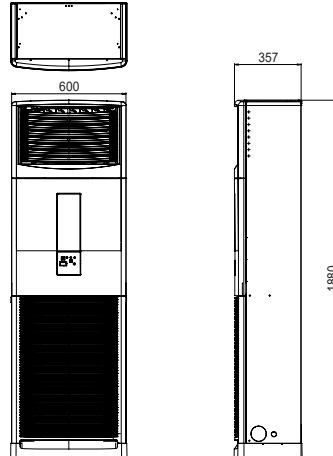
Type	Btu/h	24,600	34,100	42,700	47,750
Refrigerant					
Floor standing 		S-24PB3Q6			
Floor standing 		S-34PB3Q6		S-43PB3Q6	S-48PB3Q6
Outdoor 		U-24PRB1Q6	U-34PSB3Q6	U-43PSB3Q6	U-48PSB3Q6

FLOOR STANDINGS **NEW** // Dimensions

S-24PB3Q6

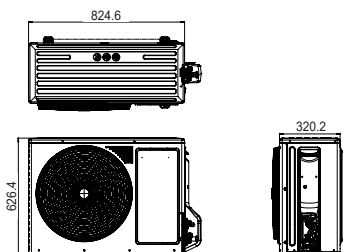


S-34/43/48PB3Q6

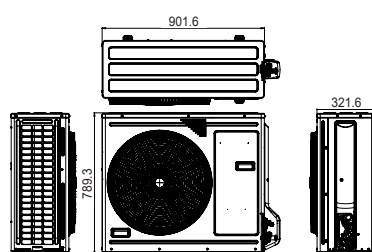


OUTDOOR UNITS **NEW** // Dimensions

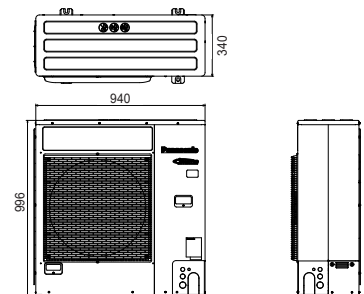
U-24PRB1Q6



U-34PSB3Q6



U-43/48PSB3Q6



Panasonic®

Building Passion, Building Solutions. Panasonic Air Conditioning Systems

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

- Please read the Installation Instructions carefully before installing the unit, and the Operating Instructions before using it.
- Specifications are subject to change without prior notice.
- The contents of this catalogue are accurate as of August 31, 2023.
- Due to printing considerations, the actual colours may vary slightly from those shown.
- All graphics are provided merely for the purpose of illustrating a point.



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

Authorised Dealer

PAC INVERTER ASIA Sep 2023

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