

## Panasonic PACi NX Elite can cool rooms down to 8 °C



Panasonic PACi Elite offers a high quality and efficient solution for high temperature refrigeration applications for facilities such as wine cellars, food processing facilities and supermarkets.

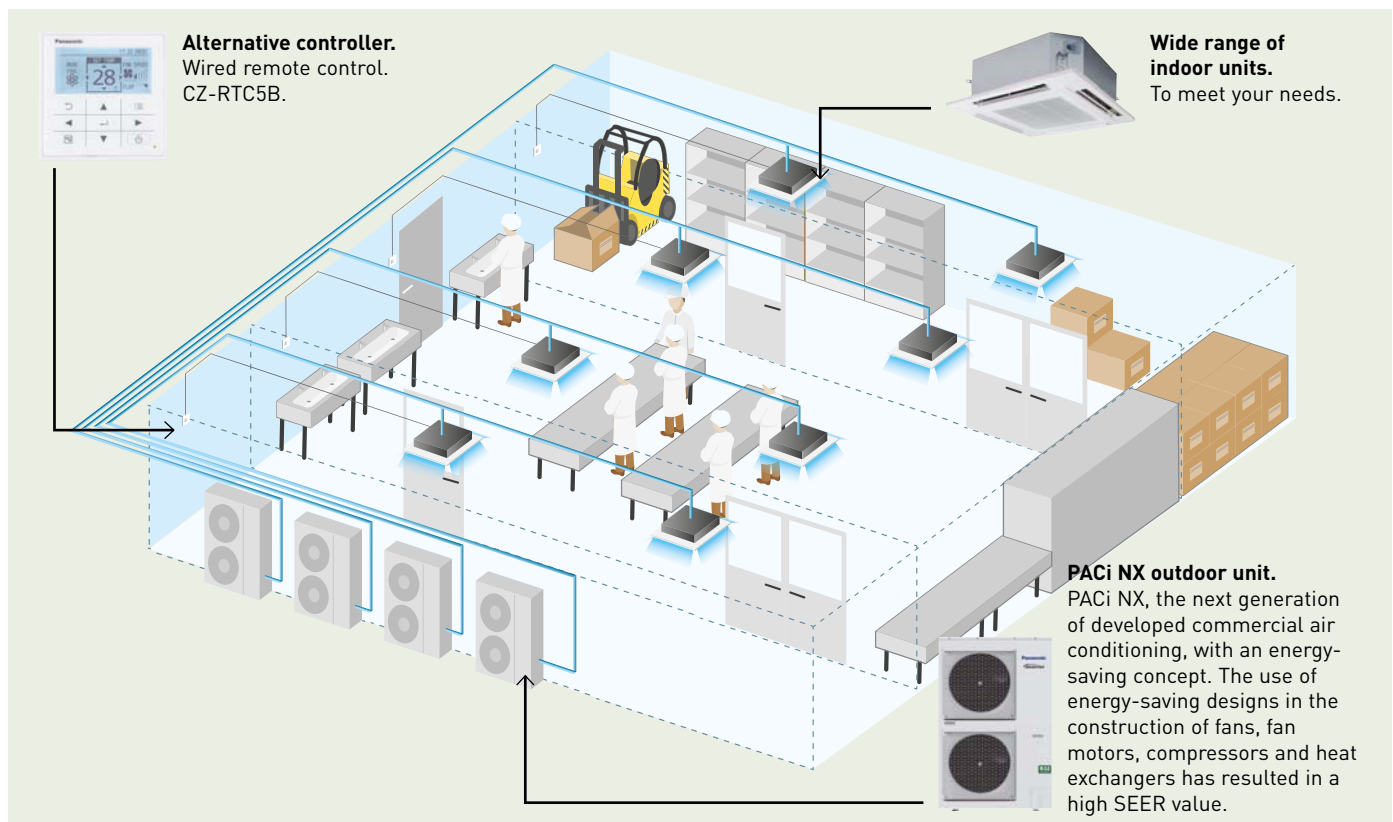


**COOLING ROOMS  
BETWEEN 8 °C WB  
AND 24 °C WB**

**Solutions for cold rooms. Set the room temperature to 8 °C**

Complete range from 2,1 to 23,2 kW. This unique solution is perfect for:  
 Wine cellars, ice cream factories, flower shops, supermarkets, grain stores, food storage, food processing, food distribution, lunchrooms, vegetable processing...

Just like all the indoor units in the PACi NX range, these units are compatible with all Panasonic control and monitoring solutions, which can be scaled from controlling a single zone to monitoring geographically distributed facilities.



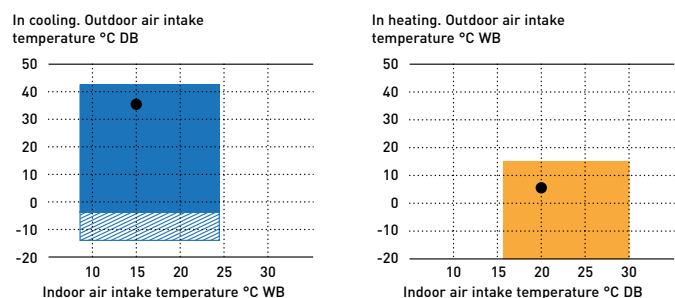
- Flexibility with different type of indoors
- Benefits of hydroxyl radicals
- Out of the box solution from Panasonic. Outdoor, indoor, controller comes as package
- Provides wide scale of control options (individual, central, cloud)
- Redundancy for 2 systems with the standard wired controller CZ-RTC5B and up to 3 systems with PAW-PCR3 optional redundancy controller



**Wine cellars and special low temperature rooms**

One of the main features of the PACi NX series is the possibility of adjusting the product for special applications, not just for regular heating and cooling applications. The purpose of this product information is to explain in detail these special applications that need a cooling operation to maintain the room temperature at +8 ~ +24 °C WB (or +10 ~ +30 °C DB). In order to do this in terms of enthalpy, the indoor unit needs to be oversized and certain parameters need to be adjustable.

Temperature range – temperature range for wine cellar.



Temperature range for wine cellar		
	Indoor	Outdoor
Cooling operation	+8 ~ +24 °C WB	-5 [-15] ~ 43 °C DB

Only allowed after installation of wind and snow vents.

Area where cooling and heating capacity is established for this purpose.

# Bringing nature's balance indoors



## nanoe™ X, technology with the benefits of hydroxyl radicals.

Abundant in nature, hydroxyl radicals (also known as OH radicals) have the capacity to inhibit pollutants, viruses, and bacteria to clean and deodorise. nanoe™ X technology can bring these incredible benefits indoors so that hard surfaces, soft furnishings, and the indoor environment can be a cleaner and pleasant place to be.

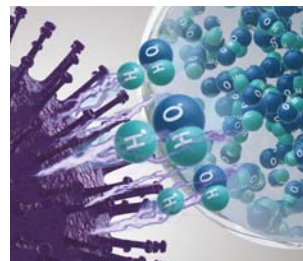


### Panasonic's nanoe™ X technology takes this a step further and brings nature's detergent – hydroxyl radicals – indoors to help create an ideal environment

Thanks to the nanoe™ X properties, several types of pollutants can be inhibited such as certain types of bacteria, viruses, mould, allergens, pollen and certain hazardous substances.



1 | nanoe™ X reliably reaches pollutants.



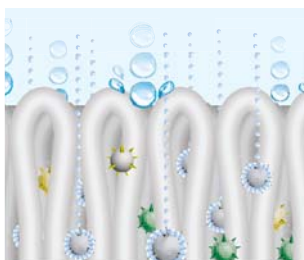
2 | Hydroxyl radicals denature pollutants' proteins.



3 | Pollutants activity is inhibited.

### What is unique about nanoe™ X?

#### Effective on fabrics and surfaces.



1 | At one billionth of a metre, nanoe™ X is much smaller than steam and can deeply penetrate cloth fabrics to deodorise.

#### Longer lifespan.



2 | Contained in tiny water particles, nanoe™ X has a longer lifespan to spread easily around the room.

#### Huge quantity.



3 | nanoe™ X Generator Mark 2 produces 9,6 trillion hydroxyl radicals per second. Greater amounts of hydroxyl radicals contained in nanoe™ X lead to higher performance on inhibition of pollutants.

#### Maintenance-free.



4 | No maintenance, no replacement required. nanoe™ X is a filter free solution that does not require maintenance, as its atomisation electrode is enveloped with water during its generation process and it is made with Titanium.

## 7 effects of nanoe™ X – Panasonic unique technology

### Deodorises



Odours

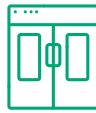
### Capacity to inhibit 5 types of pollutants



Bacteria and viruses



Mould



Allergens



Pollen



Hazardous substances



Skin and hair

\* Refer to <https://aircon.panasonic.eu> for more details and validation data.

## nanoe™ X, internationally-validated technology in testing facilities

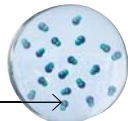
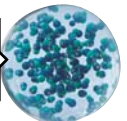
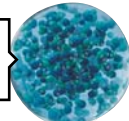
The effectiveness of nanoe™ X technology has been tested by 3rd party laboratories in Germany, France, Denmark, Malaysia and Japan.

The nanoe™ X performance varies depending on the room size, environment and usage and it may take several hours to reach the full effect. nanoe™ X is not medical device, local regulations on building design and sanitary recommendations must be followed.

Test results conducted under controlled laboratory conditions. Performance of nanoe™ X might differ in real life environment.

	Tested contents		Result	Capacity	Time	Testing organisation	Report No.
Airborne	Virus	Bacteriophage ΦX174	99,7 % inhibited	Approx. 25 m³	6 h	Kitasato Research Center for Environmental Science	24_0300_1
	Bacteria	Staphylococcus aureus	99,9 % inhibited	Approx. 25 m³	4 h	Kitasato Research Center for Environmental Science	2016_0279
Adhered	Virus	SARS-CoV-2	91,4 % inhibited	6,7 m³	8 h	Texcell (France)	1140-01 C3
		SARS-CoV-2	99,9 % inhibited	45 L	2 h	Texcell (France)	1140-01 A1
	Virus	Xenotropic murine leukemia virus	99,999 % inhibited	45 L	6 h	Charles River Biopharmaceutical Services GmbH	—
		Influenza (H1N1 subtype)	99,9 % inhibited	1 m³	2 h	Kitasato Research Center for Environmental Science	21_0084_1
		Bacteriophage ΦX174	99,80% inhibited	25 m³	8 h	Japan Food Research Laboratories	13001265005-01
	Bacteria	Staphylococcus aureus	99,9 % inhibited	20 m³	8 h	Danish Technological Institute	868988
	Pollen	Ambrosia pollen	99,4 % inhibited	20 m³	8 h	Danish Technological Institute	868988
Odours	Cigarette smoke odour	Odour intensity reduced by 2,4 levels	Approx. 23 m³	0,2 h	Panasonic Product Analysis Center	4AA33-160615-N04	

## First nanoe™ device was developed by Panasonic in 2003

Generator	nanoe™	nanoe™ X	
	2003	Mark 1 - 2016	Mark 2 - 2019
	480 billion hydroxyl radicals/sec	4,8 trillion hydroxyl radicals/sec	9,6 trillion hydroxyl radicals/sec
Ion particle structure		<b>10x times</b> 	<b>20x times</b> 

## nanoe™ X: improving protection 24/7



Acts to clean the work area, such as meat or fish handling in hotel kitchens, food handling in industrial processes, laboratories, wine cellars, etc. So that the indoor environment can be a cleaner and pleasant place to be all day long and keep the processes in better bacterial conditions.

nanoe™ X works together with the cooling function when during the day but can work independently when the area is not occupied.

Give the system the strength to increase the protection of persons, air, colds stuffs and working surfaces with nanoe™ X technology and convenient control via the Panasonic Comfort Cloud App.



### Cleans the air even when there is no work activity.

Leave the nanoe™ X mode ON to inhibit certain pollutants and deodorize before start the work activity again.

### Improves your environment and better protects the products handled when you are or not at work.

Enjoy a cleaner comfortable space both when working indoors and simply when it comes to better protecting products in the cold room.

## Panasonic Heating & Cooling Solutions is incorporating nanoe™ technology in a wide range of equipment



Wall-mounted.  
Built-in nanoe X Generator Mark 2.



Ceiling.  
Built-in nanoe X Generator Mark 2.



4 Way 90x90 cassette.  
Built-in nanoe X Generator Mark 1.



Adaptive ducted unit.  
Built-in nanoe X Generator Mark 2.

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**nanoe™ X**  
nanoe™ X as a standard.

NEW PACi NX Series Elite wall-mounted Inverter+ • R32



Kit		Low temperature								
Indoor unit - 1		36	50	60	71	100	125	140		
Indoor unit - 2		S-6010PK3E	S-6010PK3E	S-6010PK3E	S-6010PK3Ex2	S-6010PK3E	S-6010PK3E	S-6010PK3E		
Outdoor unit		U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5/8	U-100PZH3E5/8	U-125PZH3E5/8	U-140PZH3E5/8		
Outdoor	Indoor									
35 °C (DB)	15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,90	9,30	11,60	13,60
		EER		4,55	3,83	3,56	3,14	3,60	3,09	3,19
		Input power cooling	kW	0,77	1,28	1,63	2,20	2,58	3,75	4,27
	12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,28	8,46	10,56	12,38
		EER		4,22	3,55	3,30	2,91	3,35	2,87	2,96
		Input power cooling	kW	0,75	1,25	1,60	2,16	2,53	3,68	4,18
	8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,58	6,96	8,16
		EER		3,50	2,94	2,74	2,41	2,77	2,38	2,45
		Input power cooling	kW	0,60	1,00	1,27	1,72	2,01	2,93	3,33
30 °C (DB)	15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	7,04	9,95	12,41	14,55
		EER		5,29	4,45	3,86	3,40	4,19	3,60	3,70
		Input power cooling	kW	0,71	1,18	1,53	2,07	2,37	3,45	3,93
	12 °C (WB)	Cooling capacity	kW	3,43	4,80	5,39	6,42	9,11	11,37	13,33
		EER		4,95	4,17	3,60	3,17	3,93	3,37	3,47
		Input power cooling	kW	0,69	1,15	1,50	2,02	2,32	3,38	3,84
	8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,58	6,96	8,16
		EER		3,90	3,28	2,97	2,61	3,09	2,65	2,73
		Input power cooling	kW	0,54	0,90	1,17	1,58	1,81	2,63	2,99
7/6 °C (DB/WB)	20 °C (DB)	Heating capacity	kW	4,00	5,60	7,00	8,00	11,20	14,00	16,00
		COP		5,88	5,00	5,30	4,35	4,04	3,92	3,80
		Input power heating	kW	0,68	1,12	1,32	1,84	2,77	3,57	4,21
Indoor unit	Dimension (HxWxD)	mm	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	
	Net weight	kg	14	14	14	14	14	14	14	
	nanoe X Generator		Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	
Outdoor unit	Dimension (HxWxD)	mm	695 x 875 x 320	695 x 875 x 320	695 x 875 x 320	996 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	1416 x 940 x 340	
	Net weight	kg	42	42	43	65	98	98	98	

Accessories	
<b>CZ-RTC6</b>	CONEX wired remote controller (non-wireless)
<b>CZ-RTC6BL</b>	CONEX wired remote controller with Bluetooth®
<b>CZ-RTC6BLW</b>	CONEX wired remote controller with Wi-Fi and Bluetooth®
<b>CZ-RTC5B</b>	Wired remote controller with Econavi function and datanavi
<b>CZ-RWS3</b>	Infrared remote controller
<b>CZ-CAPWFC1</b>	Commercial Wi-Fi Adaptor

**Technical focus**

- Modern design with flat face and compact size
- DC fan for better efficiency and control
- Six directional piping outlet
- nanoe™ X (Generator Mark 2= 9,6 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®
- Easy connection and control of external fan or ERV using the connector PAW-FDC on the indoor unit PCB. The external device can be controlled by the remote control of the Panasonic indoor unit

Accessories	
<b>PAW-PACR3</b>	Interfaces to run 3 units on Backup and alternative run
<b>PAW-WTRAY</b>	Tray for condenser water compatible with outdoor elevation platform
<b>PAW-GRDBSE20</b>	Outdoor base ground support for noise and vibration absorption
<b>PAW-GRDSTD40</b>	Outdoor elevation platform 400 x 900 x 400 mm
<b>CZ-CENSC1</b>	Econavi energy savings sensor

**Closed discharge port**

When the unit is turned OFF, the flap closes completely to prevent dust getting into the unit and to keep the equipment clean.

**Quiet operation**

These units are among the quietest in the industry, making them ideal for all types of installations.

**Piping outlet in six directions**

Piping outlet is possible in the six directions of right, right rear, right bottom, left, left rear and left bottom, making the installation work easier.

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**nanoe™ X**

nanoe™ X as a standard.

**NEW PACi NX Series Elite 4 way 90x90 cassette Inverter+ • R32**



Kit		Low temperature											
		36	50	60	71	100	125	140	200	250			
Indoor unit - 1		S-6071PU3E	S-6071PU3E	S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E			
Indoor unit - 2		—	—	—	—	—	—	S-1014PU3E	S-1014PU3E	S-1014PU3E			
Outdoor unit		U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5/8	U-100PZH3E5/8	U-125PZH3E5/8	U-140PZH3E5/8	U-200PZH2E8	U-250PZH2E8			
35 °C (DB)	15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,90	9,30	11,60	13,60	18,50	23,20	
		EER		5,12	4,05	3,81	3,65	3,97	3,46	3,51	3,38	2,97	
		Input power cooling	kW	0,68	1,21	1,52	1,89	2,34	3,35	3,88	5,48	7,82	
		Cooling capacity	kW	3,19	4,46	5,28	6,28	8,46	10,56	12,38	16,84	21,11	
		EER		4,78	3,76	3,54	3,39	3,69	3,22	3,25	3,13	2,75	
		Input power cooling	kW	0,67	1,19	1,49	1,85	2,29	3,28	3,80	5,37	7,66	
	12 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,58	6,96	8,16	11,10	13,92	
		EER		3,96	3,12	2,94	2,81	3,06	2,66	2,70	2,60	2,28	
		Input power cooling	kW	0,53	0,94	1,19	1,47	1,83	2,61	3,03	4,27	6,10	
		Cooling capacity	kW	3,75	5,24	5,92	7,04	9,95	12,41	14,55	20,17	25,29	
		EER		5,99	4,71	4,14	3,96	4,62	4,03	4,08	4,00	3,51	
		Input power cooling	kW	0,63	1,11	1,43	1,78	2,15	3,08	3,57	5,04	7,19	
	30 °C (DB)	12 °C (WB)	Cooling capacity	kW	3,43	4,80	5,39	6,42	9,11	11,37	13,33	18,50	23,20
			EER		5,60	4,41	3,86	3,69	4,33	3,77	3,82	3,75	3,30
			Input power cooling	kW	0,61	1,09	1,40	1,74	2,11	3,02	3,49	4,93	7,04
		8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,58	6,96	8,16	11,10	13,92
			EER		4,41	3,47	3,18	3,04	3,41	2,97	3,00	2,89	2,54
			Input power cooling	kW	0,48	0,85	1,09	1,36	1,64	2,35	2,72	3,84	5,47
7/6 °C (DB/WB)	20 °C (DB)	Heating capacity	kW	4,00	5,60	7,00	8,00	11,20	14,00	16,00	22,40	28,00	
		COP		6,44	5,05	4,79	4,68	5,21	4,86	4,89	4,39	3,99	
		Input power heating	kW	0,62	1,11	1,46	1,71	2,15	2,88	3,27	5,10	7,01	
Indoor unit	Dimension (HxWxD)	mm	256x840x840	256x840x840	256x840x840	319x840x840	319x840x840	319x840x840	319x840x840	319x840x840	319x840x840		
	Net weight	kg	19	19	20	20	25	25	25	25	25		
	nanoe X Generator		Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1		
Outdoor unit	Dimension (HxWxD)	mm	695x875x320	695x875x320	695x875x320	996x940x340	1416x940x340	1416x940x340	1416x940x340	1500x980x370	1500x980x370		
	Net weight	kg	42	42	43	65	98	98	98	117	128		

**Accessories**

<b>CZ-RTC6</b>	CONEX wired remote controller (non-wireless)
<b>CZ-RTC6BL</b>	CONEX wired remote controller with Bluetooth®
<b>CZ-RTC6BLW</b>	CONEX wired remote controller with Wi-Fi and Bluetooth®
<b>CZ-RTC5B</b>	Wired remote controller with Econavi function and datanavi
<b>CZ-RWS3 + CZ-RWRU3W</b>	Infrared remote controller
<b>CZ-CAPWFC1</b>	Commercial Wi-Fi Adaptor

**Accessories**

<b>CZ-KPU3AW</b>	Econavi exclusive panel
<b>PAW-WTRAY</b>	Tray for condenser water compatible with outdoor elevation platform
<b>PAW-GRDBSE20</b>	Outdoor base ground support for noise and vibration absorption
<b>PAW-GRDSTD40</b>	Outdoor elevation platform 400x900x400 mm
<b>CZ-FDU3+CZ-ATU2</b>	Fresh air-intake kit

**Technical focus**

- High performance turbo fan, path system for heat exchanger
- Econavi: An optional intelligent sensor to reduce waste of energy
- nanoe™ X (Generator Mark 1= 4,8 trillion hydroxyl radicals/sec) as standard for better indoor air quality, indoor unit internal cleaning with nanoe™ X and dry operation

- Lower noise in slow fan operation
- Light weight, easy piping and integrated drain pump for quick installation
- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®
- High volume fresh air input with optional air-intake plenum and chamber (CZ-FDU3+CZ-ATU2)

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**nanoe™ X**  
nanoe™ X as a standard.

**NEW PACi NX Series Elite ceiling Inverter+ • R32**



Kit		Low temperature										
Indoor unit - 1		36	50	60	71	100	125	140	200	250		
Indoor unit - 2		—	—	—	—	—	—	S-1014PT3E	S-1014PT3E	S-1014PT3E		
Outdoor unit		U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5/8	U-100PZH3E5/8	U-125PZH3E5/8	U-140PZH3E5/8	U-200PZH2E8	U-250PZH2E8		
Outdoor	Indoor											
35 °C (DB)	15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,90	9,30	11,60	13,60	18,50	23,20
		EER		4,67	3,71	3,63	3,67	3,92	3,30	3,45	3,32	2,92
		Input power cooling	kW	0,75	1,32	1,60	1,88	2,37	3,52	3,94	5,57	7,94
	12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,28	8,46	10,56	12,38	16,84	21,11
		EER		4,33	3,45	3,37	3,41	3,64	3,06	3,21	3,08	2,71
		Input power cooling	kW	0,74	1,29	1,57	1,84	2,32	3,45	3,86	5,46	7,78
8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,58	6,96	8,16	11,10	13,92	
	EER		3,59	2,86	2,79	2,82	3,02	2,53	2,66	2,55	2,25	
	Input power cooling	kW	0,59	1,03	1,25	1,47	1,85	2,75	3,07	4,34	6,19	
30 °C (DB)	15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	7,04	9,95	12,41	14,55	20,17	25,29
		EER		5,43	4,32	3,93	3,98	4,56	3,83	4,01	3,94	3,46
		Input power cooling	kW	0,69	1,21	1,50	1,77	2,18	3,24	3,62	5,12	7,30
	12 °C (WB)	Cooling capacity	kW	3,43	4,80	5,39	6,42	9,11	11,37	13,33	18,50	23,20
		EER		5,08	4,04	3,66	3,71	4,27	3,59	3,76	3,69	3,25
		Input power cooling	kW	0,68	1,19	1,47	1,73	2,13	3,17	3,55	5,01	7,15
8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,58	6,96	8,16	11,10	13,92	
	EER		4,00	3,18	3,02	3,06	3,36	2,82	2,96	2,85	2,50	
	Input power cooling	kW	0,53	0,92	1,15	1,35	1,66	2,46	2,76	3,90	5,56	
7/6 °C (DB/WB)	20 °C (DB)	Heating capacity	kW	4,00	5,60	7,00	8,00	11,20	14,00	16,00	22,40	28,00
		COP		5,71	4,79	4,96	4,30	4,26	3,99	3,95	3,54	3,23
		Input power heating	kW	0,70	1,17	1,41	1,86	2,63	3,51	4,05	6,32	8,68
Indoor unit	Dimension (HxWxD)	mm	235x1275x690	235x1275x690	235x1590x690	235x1590x690	235x1590x690	235x1590x690	235x1590x690	235x1590x690	235x1590x690	
	Net weight	kg	34	34	40	40	40	40	40	40	40	
	nanoe X Generator		Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	
Outdoor unit	Dimension (HxWxD)	mm	695x875x320	695x875x320	695x875x320	996x940x340	1416x940x340	1416x940x340	1416x940x340	1500x980x370	1500x980x370	
	Net weight	kg	42	42	43	65	98	98	98	117	128	

Accessories	
<b>CZ-RTC6</b>	CONEX wired remote controller (non-wireless)
<b>CZ-RTC6BL</b>	CONEX wired remote controller with Bluetooth®
<b>CZ-RTC6BLW</b>	CONEX wired remote controller with Wi-Fi and Bluetooth®
<b>CZ-RTC5B</b>	Wired remote controller with Econavi function and datanavi
<b>CZ-RW53 + CZ-RWRT3</b>	Infrared remote controller

Accessories	
<b>CZ-CAPWFC1</b>	Commercial Wi-Fi Adaptor
<b>PAW-WTRAY</b>	Tray for condenser water compatible with outdoor elevation platform
<b>PAW-GRDBSE20</b>	Outdoor base ground support for noise and vibration absorption
<b>PAW-GRDSTD40</b>	Outdoor elevation platform 400x900x400 mm
<b>CZ-CENSC1</b>	Econavi energy savings sensor

**Technical focus**

- Wide air distribution for large rooms
- Horizontal air flow reaches maximum 9,5 m
- Fresh air connection available on the unit
- Slim design with 235 m height fits narrow space
- Silent operation
- nanoe™ X (Generator Mark 2= 9,6 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®
- Twin, Triple and Double-twin split options
- Easy connection and control of external fan or ERV using the connector PAW-FDC on the indoor unit PCB. The external device can be controlled by the remote control of the Panasonic indoor unit

**Further comfort improvement with airflow distribution**

Horizontal air flow reaches maximum 9,5 m. This is ideal for wide rooms. The wide air discharge opening expands the air flow to the left and the right. The unpleasant feeling caused when the air flow directly hits the human body is prevented by the "Draft prevention position", which changes the swing width, so that the degree of comfort is increased.

NEW  
2021

nanoe™ X

nanoe™ X as a standard.

NEW PACi NX Series Elite adaptive ducted unit Inverter+  
• R32



Kit		Low temperature										
			36	50	60	71	100	125	140	200	250	
Indoor unit - 1			S-6071PF3E	S-6071PF3E	S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	
Indoor unit - 2			—	—	—	—	—	—	S-1014PF3E	S-1014PF3E	S-1014PF3E	
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH3E5/8	U-100PZH3E5/8	U-125PZH3E5/8	U-140PZH3E5/8	U-200PZH2E8	U-250PZH2E8	
Outdoor	Indoor											
35 °C (DB)	15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	0,00	9,30	11,60	13,60	18,50	23,20
		EER		3,98	3,20	3,52	3,50	3,94	3,36	3,64	3,50	3,08
		Input power cooling	kW	0,88	1,53	1,65	1,97	2,36	3,45	3,74	5,29	7,54
	12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,28	8,46	10,56	12,38	16,84	21,11
		EER		3,69	2,97	3,26	3,25	3,66	3,12	3,38	3,25	2,86
		Input power cooling	kW	0,86	1,50	1,62	1,93	2,31	3,38	3,67	5,18	7,39
	8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,58	6,96	8,16	11,10	13,92
		EER		3,06	2,46	2,70	2,69	3,03	2,59	2,80	2,69	2,37
		Input power cooling	kW	0,69	1,19	1,29	1,54	1,84	2,69	2,92	4,13	5,88
30 °C (DB)	15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	7,04	9,95	12,41	14,55	20,17	25,29
		EER		4,63	3,72	3,81	3,80	4,58	3,91	4,23	4,14	3,65
		Input power cooling	kW	0,81	1,41	1,55	1,85	2,17	3,17	3,44	4,87	6,94
	12 °C (WB)	Cooling capacity	kW	3,43	4,80	5,39	6,42	9,11	11,37	13,33	18,50	23,20
		EER		4,33	3,49	3,55	3,54	4,29	3,66	3,96	3,89	3,42
		Input power cooling	kW	0,79	1,38	1,52	1,81	2,12	3,11	3,37	4,76	6,79
8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,58	6,96	8,16	11,10	13,92	
	EER		3,41	2,75	2,93	2,92	3,38	2,88	3,12	3,00	2,64	
	Input power cooling	kW	0,62	1,07	1,19	1,42	1,65	2,42	2,62	3,70	5,28	
7/6 °C (DB/WB)	20 °C (DB)	Heating capacity	kW	4,00	5,60	7,00	8,00	11,20	14,00	16,00	22,40	28,00
		COP		4,94	4,27	4,32	4,68	4,27	3,78	4,03	3,62	3,29
		Input power heating	kW	0,81	1,31	1,62	1,71	2,62	3,70	3,97	6,19	8,50
Indoor unit	Dimension (H x W x D)	mm	250x1000x730	250x1000x730	250x1000x730	250x1400x730	250x1400x730	250x1400x730	250x1400x730	250x1400x730	250x1400x730	
	Net weight	kg	30	30	30	39	39	39	39	39	39	
	nanoe X Generator		Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	
Outdoor unit	Dimension (H x W x D)	mm	695x875x320	695x875x320	695x875x320	996x940x340	1416x940x340	1416x940x340	1416x940x340	1500x980x370	1500x980x370	
	Net weight	kg	42	42	43	65	98	98	98	117	128	

Accessories

<b>CZ-RTC6</b>	CONEX wired remote controller (non-wireless)
<b>CZ-RTC6BL</b>	CONEX wired remote controller with Bluetooth®
<b>CZ-RTC6BLW</b>	CONEX wired remote controller with Wi-Fi and Bluetooth®
<b>CZ-RTC5B</b>	Wired remote controller with Econavi function and datanavi
<b>CZ-RWS3 + CZ-RWRC3</b>	Infrared remote controller
<b>CZ-CAPWFC1</b>	Commercial Wi-Fi Adaptor

Accessories

<b>PAW-WTRAY</b>	Tray for condenser water compatible with outdoor elevation platform
<b>PAW-GRDBSE20</b>	Outdoor base ground support for noise and vibration absorption
<b>PAW-GRDSTD40</b>	Outdoor elevation platform 400x900x400 mm
<b>CZ-CENSC1</b>	Econavi energy savings sensor
<b>CZ-56DAF2</b>	Air outlet plenum for S-3650PF3E
<b>CZ-90DAF2</b>	Air outlet plenum for S-6071PF3E
<b>CZ-160DAF2</b>	Air outlet plenum for S-1014PF3E

Technical focus

- 2 installation possibilities (horizontal / vertical)
- Maximum external static pressure: 150 Pa
- Selectable inlet air position (rear / bottom entry)
- Improved drain pan suitable for both horizontal / vertical installation
- Drain pump included
- nanoe™ X (Generator Mark 2= 9,6 trillion hydroxyl radicals/sec) as standard for the long duct piping case\*
- Wired remote control CZ-RTC6BL allows easy system setting via Bluetooth®

\* The performance of nanoe™ X air can be expected even by 10 m long duct by Panasonic internal survey.

2 installation possibilities (horizontal / vertical)

Vertical installation is newly available. ESP 150Pa, sufficient for remotely installing units away from the rooms.



Improved drain pan design

Drain pan is shared in both cases horizontal and vertical installation. No need to alternate anymore.

