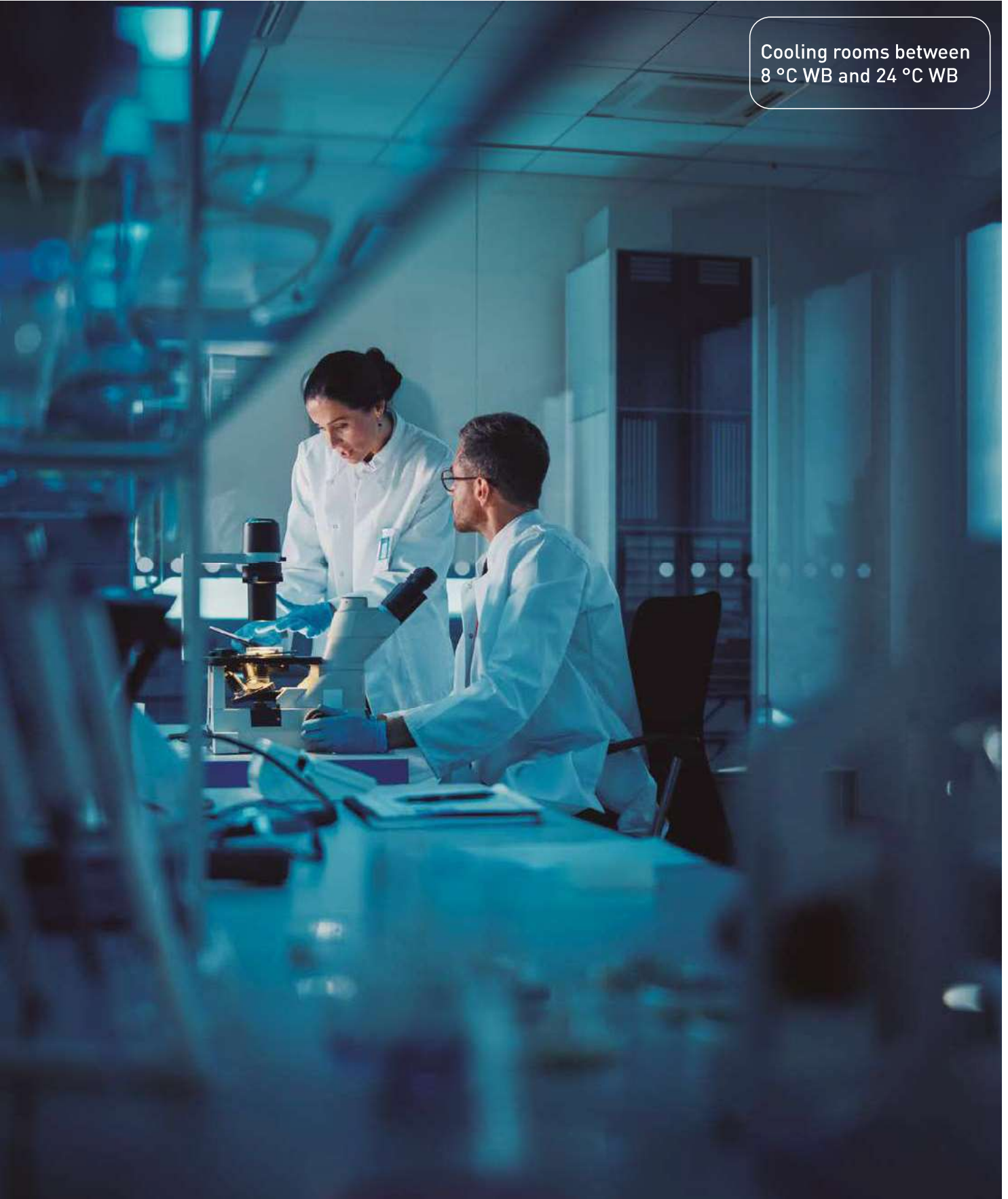


Panasonic PACi NX Elite can cool rooms down to 8 °C

PACi

Panasonic PACi NX 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

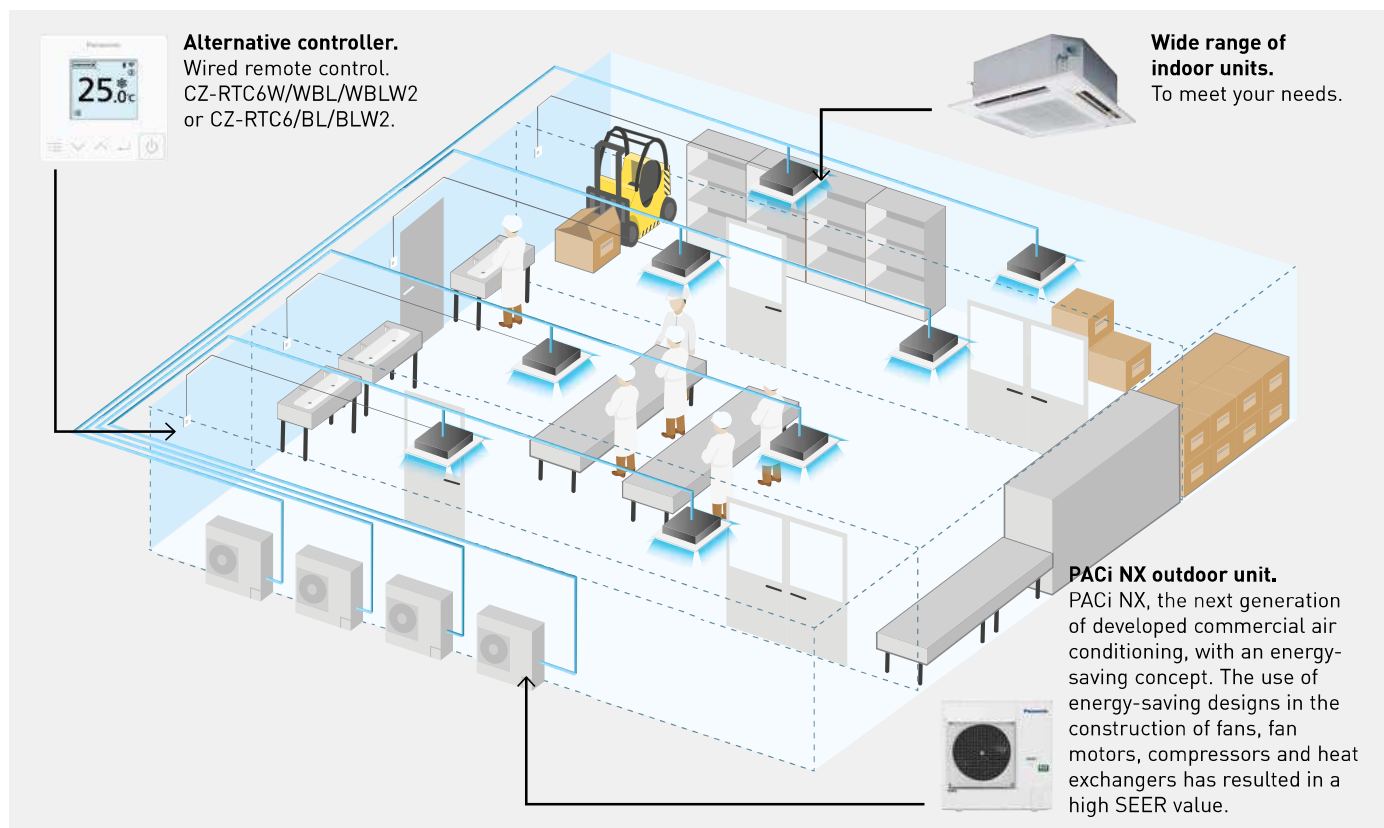


Solutions for cold rooms. Set the room temperature to 8 °C.

Complete range from 2,10 to 23,77 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.



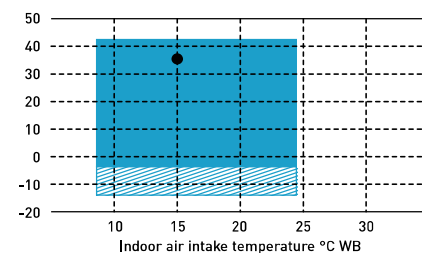
- Flexibility with different type of indoors
- Benefits of hydroxyl radicals
- Out of the box solution from Panasonic. Outdoor, indoor, controller comes as package
- Provides wide scale of control options (individual, central, cloud)
- Redundancy for 2 systems with CONEX controller range and up to 4 indoor unit groups with PAW-PACR4 optional redundancy controller




Wine cellars and special high 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 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 overdimensioned and certain parameters need to be adjustable.

Temperature range for wine cellar.
In cooling. Outdoor air intake temperature °C DB.



 Only allowed after installation of wind and snow vents.

 Area where cooling capacity is established for this purpose.

Temperature range for wine cellar

	Indoor	Outdoor
Cooling operation	+8 ~ +24 °C WB	-5 [-15] ~ 43 °C DB

Bringing nature's balance indoors



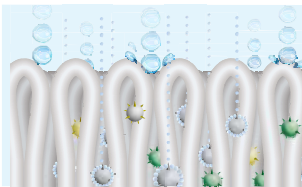
nanoe™ X, technology with the benefits of hydroxyl radicals.

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 more pleasant place to be.



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 long lifespan, which is about 600 seconds, to spread easily around the room.

Huge quantity.



3 | nanoe X Generator Mark 3 produces 48 trillion hydroxyl radicals per second. Greater amounts of hydroxyl radicals contained in nanoe™ X lead to higher performance on inhibition of pollutants.

Maintenance-free.

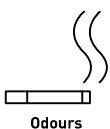


The image shows nanoe X Generator Mark 3.

4 | No service and maintenance 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.

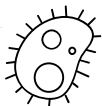
7 effects of nanoe™ X – Panasonic unique technology

Deodorises

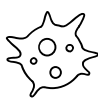


Odours

Capacity to inhibit 5 types of pollutants



Bacteria and viruses



Mould



Allergens



Pollen



Hazardous substances



Skin and hair

Moisturises

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

First nanoe™ device was developed by Panasonic in 2003

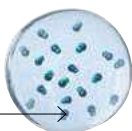
Generator: nanoe™

2003

480 billion hydroxyl radicals/sec

Ion particle structure

Hydroxyl radicals

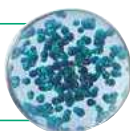


Generator: nanoe™ X

Mark 1 - 2016

4,8 trillion hydroxyl radicals/sec

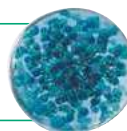
10x times



Mark 2 - 2019

9,6 trillion hydroxyl radicals/sec

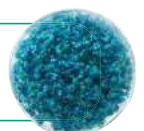
20x times



Mark 3 - 2022

48 trillion hydroxyl radicals/sec

100x times



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, Japan and China.

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	Generator	Result	Capacity	Time	Testing organisation	Report No.	
Airborne	Virus	Influenza (H1N1)	98,3% inhibited	30 m³	1,5 h	China Electronic Product Reliability and Environmental Testing Research Institute	J2003WT8888-00889	
		Bacteriophage ΦX174	99,2% inhibited	Approx. 25 m³	6 h	Kitasato Research Center for Environmental Science	24_0300_1	
	Bacteria	Staphylococcus aureus	99,7% inhibited	Approx. 25 m³	4 h	Kitasato Research Center for Environmental Science	24_0301_1	
Adhering	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	
		Bacteriophage ΦX174	99,8% inhibited	Approx. 25 m³	8 h	Japan Food Research Laboratories	13001265005-01	
		Xenotropic murine leukemia virus	99,999% inhibited	45 L	6 h	Charles River Biopharmaceutical Services GmbH	—	
		Coxsackie virus (CA16)	99,9%inhibited	30 m³	4 h	China Electronic Product Reliability and Environmental Testing Research Institute	J2002WT8888-00439	
		Bacteriophage	Mark 3	98,81% inhibited	Approx. 139,3 m³	4 h	SGS Inc	SHES210901902584
	Bacteria	Staphylococcus aureus	MS2 Phage Virus	Mark 3	99,99% inhibited	Approx. 25 m³	Shokukanen, Inc.	227131N
			Staphylococcus aureus	Mark 1	99,9% inhibited	20 m³	Danish Technological Institute	868988
		Pollen	Cedar pollen	Mark 3	99%inhibited	Approx. 24 m³	Panasonic Product Analysis Center	H21YA017-1
	Ambrosia pollen		Mark 1	99,4% inhibited	20 m³	Danish Technological Institute	868988	
	Odours	Cigarette smoke odour	Mark 1	Odour intensity reduced by 2,4 levels	Approx. 23 m³	0,2 h	Panasonic Product Analysis Center	4AA33-160615-N04
			Mark 3	Odour intensity reduced 1,7 levels	Approx. 139,3 m³	0,5 h	SGS Inc	SHES210901902478

Licensed in VDI 6022

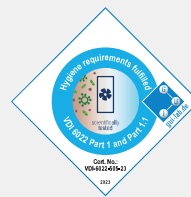
Certification of a HVAC system under VDI 6022 guarantees that the system fulfills the market's strictest hygiene requirements.



VDI 6022 – Part 5 ¹⁾ Certification.

Avoidance of allergenic exposure.

Inhibits a wide range of harmful bacteria, viruses, mould, pollen and allergens.



VDI 6022 – Part 1 ¹⁾ & 1.1 ²⁾ Certification.

Ventilation and indoor-air quality.

Panasonic nanoe™ X technology improving indoor air quality.

1) Certification mark only valid for nanoe X Generator Mark 3, 2) Certification mark only valid for nanoe X Generator Mark 2 and Mark 3.

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 more 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 3.**



**Ceiling.
Built-in nanoe X Generator Mark 2.**



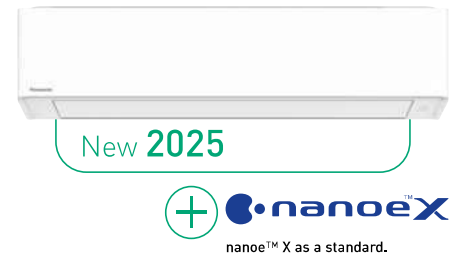
**4 Way 90x90 cassette.
Built-in nanoe X Generator Mark 1.**



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

NEW PACi NX Series Elite wall-mounted - PK4 - R32

For light refrigeration applications.



Kit		High temperature									
		36	50	60	71	100	125	140			
Indoor unit - 1		S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E			
Indoor unit - 2					S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E			
Outdoor unit		U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5/8	U-100PZH4E5/8	U-125PZH4E5/8	U-140PZH4E5/8			
Outdoor 35 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,90	8,80	11,60	13,00	
		EER		4,27	3,83	3,45	3,40	3,15	3,41	3,61	
		Input power	kW	0,82	1,28	1,68	2,03	2,79	3,40	3,60	
	Indoor 12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,28	8,01	10,56	11,83	
		EER		3,96	3,55	3,21	3,16	2,93	3,17	3,35	
		Input power	kW	0,80	1,25	1,65	1,99	2,73	3,33	3,53	
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,28	6,96	7,80	
		EER		3,28	2,94	2,66	2,62	2,42	2,62	2,78	
		Input power	kW	0,64	1,00	1,31	1,58	2,18	2,65	2,81	
	Outdoor 30 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	7,04	9,42	12,41	13,91
			EER		4,96	4,45	3,75	3,69	3,66	3,97	4,20
			Input power	kW	0,75	1,18	1,58	1,91	2,57	3,13	3,31
Indoor 12 °C (WB)		Cooling capacity	kW	3,43	4,80	5,39	6,42	8,62	11,37	12,74	
		EER		4,65	4,17	3,49	3,44	3,43	3,71	3,93	
		Input power	kW	0,74	1,15	1,55	1,87	2,51	3,06	3,24	
Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,28	6,96	7,80		
	EER		3,66	3,28	2,88	2,83	2,70	2,92	3,09		
	Input power	kW	0,57	0,90	1,21	1,46	2,15	2,38	2,52		
Indoor unit	Dimension (HxWxD)	mm	295x1060x249	295x1060x249	295x1060x249	295x1060x249	295x1060x249	295x1060x249	295x1060x249		
	Net weight	kg	14	14	14	14	14	14	14		
	nanoe X Generator		Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3		
Outdoor unit	Dimension (HxWxD)	mm	695x875x320	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370	996x980x370		
	Net weight	kg	42	42	43	66	84	86	86		

Accessories

CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function
CZ-RWS3	Infrared remote controller

Accessories

PAW-PACR4	Interface to run up to 4 indoor unit groups on backup and alternative run
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400x900x400 mm
CZ-CENSC1	Econavi energy saving sensor

Technical focus

- Modern, flat design with a stylish matte white finish featuring
- DC fan for better efficiency and control
- Five-direction automatic airflow adjustment for cooling and heating
- Six directional piping outlet
- Quiet operation
- nanoe™ X (Generator Mark 3: 48 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Wired remote control CZ-RTC6WBL and 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

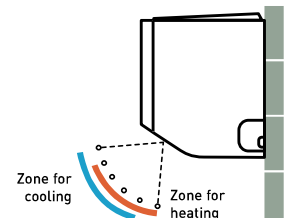
Closed discharge port

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

Piping outlet in six directions

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

Air distribution is automatically altered depending on the operational mode of the unit



PACi NX Series Elite 4 way 90x90 cassette - PU3 - R32

For light refrigeration applications.



Kit		High temperature											
		36	50	60	71	100	125	140	200	250			
Indoor unit - 1		S-6071PU3E	S-6071PU3E	S-1014PU3E	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-71PZH4E5/8	U-100PZH4E5/8	U-125PZH4E5/8	U-140PZH4E5/8	U-200PZH4E8	U-250PZH4E8			
Outdoor 15 °C (WB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,90	8,80	11,60	13,00	18,50	23,20	
		EER		5,12	4,05	3,81	3,67	4,09	3,47	3,82	3,38	2,97	
		Input power	kW	0,68	1,21	1,52	1,88	2,15	3,34	3,40	5,48	7,82	
	Indoor 12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,28	8,01	10,56	11,83	16,84	21,11	
		EER		4,78	3,76	3,54	3,41	3,80	3,22	3,55	3,13	2,75	
		Input power	kW	0,67	1,19	1,49	1,84	2,11	3,27	3,33	5,37	7,66	
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,28	6,96	7,80	11,10	13,92	
		EER		3,96	3,12	2,94	2,82	3,15	2,67	2,94	2,60	2,28	
		Input power	kW	0,53	0,94	1,19	1,47	1,68	2,61	2,65	4,27	6,10	
	Outdoor 30 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	7,04	9,42	12,41	13,91	20,17	25,29
			EER		5,99	4,71	4,14	3,98	4,76	4,04	4,45	4,00	3,51
			Input power	kW	0,63	1,11	1,43	1,77	1,98	3,07	3,13	5,04	7,19
Indoor 12 °C (WB)		Cooling capacity	kW	3,43	4,80	5,39	6,42	8,62	12,41	12,74	18,50	23,20	
		EER		5,60	4,41	3,86	3,71	4,46	4,04	4,16	3,75	3,30	
		Input power	kW	0,61	1,09	1,40	1,73	1,94	3,07	3,06	4,93	7,04	
Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	4,14	5,28	6,96	7,80	11,10	13,92		
	EER		4,41	3,47	3,18	3,06	3,51	2,98	3,28	2,89	2,54		
	Input power	kW	0,48	0,85	1,09	1,35	1,51	2,34	2,38	3,84	5,47		
Indoor unit		Dimension (HxWxD)	mm	256x840x840	256x840x840	256x840x840	319x840x840	319x840x840	319x840x840	319x840x840	319x840x840	319x840x840	
		Net weight	kg	19	19	20	25	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	996x980x370	996x980x370	996x980x370	996x980x370	996x1140x460	996x1140x460	
		Net weight	kg	42	42	43	66	84	86	86	109	109	

Accessories

CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6BLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function
CZ-RWS3 + CZ-RWRU3	Infrared remote controller and receiver

Accessories

CZ-KPU3A	Econavi exclusive panel, white [RAL9003]
CZ-KPU3B	NEW Standard panel, graphite black [RAL9011]
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400x900x400 mm
CZ-FDU3+CZ-ATU2	Fresh air-intake kit

Technical focus

- High performance turbo fan
- 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 plus dry operation
- **NEW** graphite black and white panels providing options to suit a variety of light commercial applications
- Lower noise in low fan operation
- Light weight, easy piping and integrated drain pump for quick installation
- Wired remote control CZ-RTC6WBL and CZ-RTC6BL allows easy system setting via Bluetooth®
- High volume fresh air input with optional air-intake plenum and chamber (CZ-FDU3+CZ-ATU2)

White and graphite black panels available for the 4 way 90x90 cassette.

Standard panel, white [RAL9003].
CZ-KPU3



Econavi panel, white [RAL9003].
CZ-KPU3A



Standard panel, graphite black [RAL9011].
CZ-KPU3B



PACi NX Series Elite ceiling - PT3 - R32

For light refrigeration applications.



Kit		High temperature											
		36	50	60	71	100	125	140	200	250			
Indoor unit - 1		S-6071PT3E	S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E			
Indoor unit - 2		—	—	—	—	—	—	S-1014PT3E	S-1014PT3E	S-1014PT3E			
Outdoor unit		U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5/8	U-100PZH4E5/8	U-125PZH4E5/8	U-140PZH4E5/8	U-200PZH4E8	U-250PZH4E8			
Outdoor 35 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,60	8,80	11,20	13,00	18,50	23,20	
		EER		4,67	3,71	3,63	3,53	3,76	3,15	3,40	3,32	2,92	
		Input power	kW	0,75	1,32	1,60	1,87	2,34	3,56	3,82	5,57	7,94	
	Indoor 12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,01	8,01	10,19	11,83	16,84	21,11	
		EER		4,33	3,45	3,37	3,28	3,49	2,92	3,16	3,08	2,71	
		Input power	kW	0,74	1,29	1,57	1,83	2,29	3,49	3,74	5,46	7,78	
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	3,96	5,28	6,72	7,80	11,10	13,92	
		EER		3,59	2,86	2,79	2,71	2,89	2,42	2,62	2,55	2,25	
		Input power	kW	0,59	1,03	1,25	1,46	1,83	2,78	2,98	4,34	6,19	
	Outdoor 30 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	6,73	9,42	11,98	13,91	20,17	25,29
			EER		5,43	4,32	3,93	3,83	4,37	3,66	3,96	3,94	3,46
			Input power	kW	0,69	1,21	1,50	1,76	2,15	3,28	3,51	5,12	7,30
Indoor 12 °C (WB)		Cooling capacity	kW	3,43	4,80	5,39	6,14	8,62	10,98	12,74	18,50	23,20	
		EER		5,08	4,04	3,66	3,57	4,09	3,43	3,71	3,69	3,25	
		Input power	kW	0,68	1,19	1,47	1,72	2,11	3,20	3,44	5,01	7,15	
Indoor 8 °C (WB)		Cooling capacity	kW	2,10	2,94	3,48	3,96	5,28	6,72	7,80	11,10	13,92	
		EER		4,00	3,18	3,02	2,94	3,22	2,70	2,92	2,85	2,50	
		Input power	kW	0,53	0,92	1,15	1,35	1,64	2,49	2,67	3,90	5,56	
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	996x980x370	996x980x370	996x980x370	996x980x370	996x1140x460	996x1140x460		
	Net weight	kg	42	42	43	66	84	86	86	109	109		

Accessories	
CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function

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 mm 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-RTC6WBL and 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

Accessories	
CZ-RWS3 + CZ-RWRT3	Infrared remote controller and receiver
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform
PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400x900x400 mm
CZ-CENSC1	Econavi energy saving sensor

Further comfort improvement with air flow 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 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, increasing the degree of comfort.

PACi NX Series Elite adaptive ducted unit - PF3 - R32

For light refrigeration applications.



				High temperature									
Kit				36	50	60	71	100	125	140	200	250	
Indoor unit - 1				S-6071PF3E	S-6071PF3E	S-1014PF3E	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-71PZH4E5/8	U-100PZH4E5/8	U-125PZH4E5/8	U-140PZH4E5/8	U-200PZH4E8	U-250PZH4E8	
Outdoor 35 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,50	4,90	5,80	6,60	8,80	11,20	13,00	18,50	23,20	
		EER		3,98	3,20	3,52	3,37	3,79	3,21	3,59	3,50	3,08	
		Input power	kW	0,88	1,53	1,65	1,96	2,32	3,49	3,62	5,29	7,54	
	Indoor 12 °C (WB)	Cooling capacity	kW	3,19	4,46	5,28	6,01	8,01	10,19	11,83	16,84	21,11	
		EER		3,69	2,97	3,26	3,13	3,52	2,98	3,33	3,25	2,86	
		Input power	kW	0,86	1,50	1,62	1,92	2,27	3,42	3,55	5,18	7,39	
	Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	3,96	5,28	6,72	7,80	11,10	13,92	
		EER		3,06	2,46	2,70	2,59	2,92	2,47	2,76	2,69	2,37	
		Input power	kW	0,69	1,19	1,29	1,53	1,81	2,72	2,82	4,13	5,88	
	Outdoor 30 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	3,75	5,24	5,92	6,73	9,42	11,98	13,91	20,17	25,29
			EER		4,63	3,72	3,81	3,65	4,41	3,73	4,18	4,14	3,65
			Input power	kW	0,81	1,41	1,55	1,84	2,13	3,21	3,33	4,87	6,94
Indoor 12 °C (WB)		Cooling capacity	kW	3,43	4,80	5,39	6,14	8,62	10,98	12,74	18,50	23,20	
		EER		4,33	3,49	3,55	3,40	4,13	3,49	3,91	3,89	3,42	
		Input power	kW	0,79	1,38	1,52	1,80	2,09	3,14	3,26	4,76	6,79	
Indoor 8 °C (WB)	Cooling capacity	kW	2,10	2,94	3,48	3,96	5,28	6,72	7,80	11,10	13,92		
	EER		3,41	2,75	2,93	2,81	3,25	2,75	3,08	3,00	2,64		
	Input power	kW	0,62	1,07	1,19	1,41	1,62	2,44	2,53	3,70	5,28		
Indoor unit				Dimension (HxWxD)	mm	250x1000x730	250x1000x730	250x1000x730	250x1400x730	250x1400x730	250x1400x730	250x1400x730	
Indoor unit				Net weight	kg	30	30	30	39	39	39	39	
Indoor unit				nanoe X Generator		Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	
Outdoor unit				Dimension (HxWxD)	mm	695x875x320	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370	996x1140x460	
Outdoor unit				Net weight	kg	42	42	43	66	84	86	109	

Accessories

CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function
CZ-RWS3 + CZ-RWRC3	Infrared remote controller and receiver
PAW-WTRAY	Tray for condenser water compatible with outdoor elevation platform

Accessories

PAW-GRDBSE20	Outdoor base ground support for noise and vibration absorption
PAW-GRDSTD40	Outdoor elevation platform 400x900x400 mm
CZ-CENSC1	Econavi energy saving sensor
CZ-56DAF2	Air outlet plenum for S-3650PF3E
CZ-90DAF2	Air outlet plenum for S-6071PF3E
CZ-160DAF2	Air outlet plenum for S-1014PF3E
PAW-APF800F	BION air pollutant filter for S-3650PF3E
PAW-APF1000F	BION air pollutant filter for S-6071PF3E
PAW-APF1400F	BION air pollutant filter 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*
- BION air pollutant filter for certain types of pollutants, such as nitrogen dioxide (NO₂), nitrogen oxides (NO_x) and Ozone (O₃) (optional)
- Wired remote control CZ-RTC6WBL and 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.

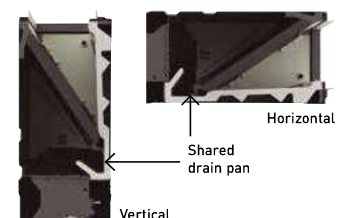
2 installation possibilities (horizontal / vertical)

Vertical installation is available. External static pressure 150 Pa, sufficient for remotely installing units away from the rooms.



Improved drain pan design

Just one drain pan for both horizontal and vertical installations. No need to modify the unit.



PACi NX Jet Air Stream - R32

For light refrigeration applications.

Touch panel controller.
PCZ-AHRX0012

				High temperature			
Kit				125	140	200	250
Indoor unit ¹⁾				P-VTVF140	P-VTVF140	P-VTVF250	P-VTVF250
Outdoor unit				U-125PZH4E5/8	U-140PZH4E5/8	U-200PZH4E8	U-250PZH4E8
Outdoor 35 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	14,85	14,85	23,77	23,77
		EER		2,41	2,41	3,17	3,17
		Input power	kW	6,15	6,15	7,49	7,49
	Indoor 12 °C (WB)	Cooling capacity	kW	13,56	13,56	21,70	21,70
		EER		2,25	2,25	2,95	2,95
		Input power	kW	6,03	6,03	7,34	7,34
Indoor 8 °C (WB)	Cooling capacity	kW	11,83	11,83	18,93	18,93	
	EER		2,02	2,02	2,65	2,65	
	Input power	kW	5,87	5,87	7,14	7,14	
Outdoor 30 °C (DB)	Indoor 15 °C (WB)	Cooling capacity	kW	15,94	15,94	25,51	25,51
		EER		2,54	2,54	3,33	3,33
		Input power	kW	6,28	6,28	7,65	7,65
	Indoor 12 °C (WB)	Cooling capacity	kW	14,49	14,49	23,19	23,19
		EER		2,35	2,35	3,09	3,09
		Input power	kW	6,16	6,16	7,50	7,50
Indoor 8 °C (WB)	Cooling capacity	kW	12,46	12,46	19,94	19,94	
	EER		2,08	2,08	2,73	2,73	
	Input power	kW	6,00	6,00	7,30	7,30	
Indoor unit		Dimension (HxWxD)	mm	802x1105x893	802x1105x893	1026x1458x953	1026x1458x953
		Net weight	kg	88	88	130	130
Outdoor unit		Dimension (HxWxD)	mm	996x980x370	996x980x370	996x1140x460	996x1140x460
		Net weight	kg	86	86	109	109

1) The CONEX controller CZ-RTC6 (-BL/-BLW2) is not required.

Optional configurations*		Front panel type	Air flow (m³/h)
P-VTVF140NC5-PE	Jet Air Stream Standard	Manual nozzles	2500
P-VTVF250NC5-PE	Jet Air Stream Standard	Manual nozzles	5000
P-VTVF140PC5-PE	Jet Air Stream Ducted	Ducted front panel	2500
P-VTVF250PC5-PE	Jet Air Stream Ducted	Ducted front panel	5000

* The product technical data is the same as Jet Air Stream Smart.

Accessories	
CZ-RTC6W	CONEX wired remote controller (non-wireless), white
CZ-RTC6WBL	CONEX wired remote controller with Bluetooth®, white
CZ-RTC6WBLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, white
CZ-RTC6	CONEX wired remote controller (non-wireless), black
CZ-RTC6BL	CONEX wired remote controller with Bluetooth®, black
CZ-RTC6BLW2	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
PCZ-AHRX0012	Touch panel controller with Modbus integration and group control up to 8 units

Technical focus

- Energy-saving solution for year-round heating and cooling in large and high spaces
- High air volume up to 5000 m³/h and long maximum air throw distance of 30 m
- Optimal comfort with Smart Jet - self-directing nozzles

Accessories	
PCZ-AHRP0681	Recessed mounting box for controller
A PCZ-AHRX0051	Ducted air intake plenum (1x DN 355 mm) for VTVF140N and VTVF140P
A PCZ-AHRX0052	Ducted air intake plenum (2x DN 355 mm) for VTVF250N and VTVF250P
B PCZ-AHRX0061	Ground air intake module (VTVF250 requires two of them)
C PCZ-AHRX0071	Air supply grille for ducts

