

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

The wall-mounted units with stylish matt color can be offered for many applications such as studios, gyms, high ceiling areas and even computer server rooms.

The compact design and flat face ensure discreet installation, even in a small space.



New 2025



			Single phase				
			3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW
Kit			KIT-36PK4ZH5	KIT-50PK4ZH5	KIT-60PK4ZH5	KIT-71PK4ZH5	KIT-100PK4ZH5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3,5 [1,2 - 4,0]	5,0 [1,2 - 5,6]	6,1 [1,2 - 7,1]	7,1 [2,2 - 9,0]	9,5 [3,1 - 10,5]
EER ¹⁾	Nominal (Min - Max)	W/W	4,43 [4,17 - 5,45]	4,10 [3,03 - 5,45]	3,74 [3,02 - 5,45]	3,76 [2,69 - 5,79]	3,41 [3,09 - 5,34]
SEER ²⁾			7,7 A++	8,0 A++	7,1 A++	6,6 A++	6,6 A++
Pdesign		kW	3,5	5,0	6,1	7,1	9,5
Input power	Nominal (Min - Max)	kW	0,79 [0,22 - 0,96]	1,22 [0,22 - 1,85]	1,63 [0,22 - 2,35]	1,89 [0,38 - 3,35]	2,79 [0,58 - 3,40]
Annual energy consumption ³⁾		kWh/a	160	219	301	377	504
Heating capacity	Nominal (Min - Max)	kW	4,0 [1,2 - 5,0]	5,6 [1,2 - 6,5]	7,0 [1,2 - 8,0]	7,8 [2,0 - 9,0]	9,5 [3,1 - 11,5]
Heating capacity at -15 °C ⁴⁾	Max	kW	3,4	5,0	5,1	5,8	8,9
COP ¹⁾	Nominal (Min - Max)	W/W	4,26 [3,33 - 5,45]	4,03 [3,10 - 5,45]	4,12 [3,40 - 5,45]	4,00 [3,16 - 5,56]	3,89 [3,00 - 5,34]
SCOP ²⁾			4,7 A++	4,6 A++	4,7 A++	4,6 A++	4,1 A+
Pdesign at -10 °C		kW	3,1	4,5	4,6	5,2	8,0
Input power	Nominal (Min - Max)	kW	0,94 [0,22 - 1,50]	1,39 [0,22 - 2,10]	1,70 [0,22 - 2,35]	1,95 [0,36 - 2,85]	2,44 [0,58 - 3,83]
Annual energy consumption ³⁾		kWh/a	924	1369	1370	1583	2731
Indoor unit			S-2545PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E
Air flow	Hi / Med / Lo	m³/min	11,5 / 9,5 / 7,0	17,0 / 15,5 / 12,0	21,0 / 19,0 / 16,5	21,0 / 19,0 / 16,5	22,5 / 20,0 / 17,5
Moisture removal volume		L/h	1,0	1,6	1,9	2,4	4,4
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	41 / 36 / 30	41 / 36 / 31	47 / 44 / 40	47 / 44 / 40	49 / 45 / 41
Sound power	Hi / Med / Lo	dB(A)	57 / 52 / 46	57 / 52 / 47	63 / 60 / 56	63 / 60 / 56	65 / 61 / 57
Dimension	H x W x D	mm	290 x 765 x 214	295 x 1060 x 249	295 x 1060 x 249	295 x 1060 x 249	295 x 1060 x 249
Net weight		kg	9	14	14	14	14
nanoe X Generator			Mark 3	Mark 3	Mark 3	Mark 3	Mark 3
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5	U-100PZH4E5
Power supply		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	3,90 - 3,75 - 3,60	5,80 - 5,55 - 5,30	7,65 - 7,30 - 7,00	9,55 - 9,15 - 8,75	13,80 - 13,20 - 12,60
	Heat	A	4,60 - 4,40 - 4,20	6,60 - 6,30 - 6,05	7,90 - 7,55 - 7,25	9,85 - 9,40 - 9,05	12,10 - 11,50 - 11,10
Air flow	Cool / Heat	m³/min	34,1 / 36,4	42,0 / 42,0	42,0 / 42,0	62,0 / 66,0	76,0 / 70,0
Sound pressure	Cool / Heat (Hi)	dB(A)	43 / 44	46 / 48	47 / 50	48 / 50	52 / 52
Sound power	Cool / Heat (Hi)	dB(A)	62 / 64	64 / 67	65 / 69	65 / 67	69 / 69
Dimension	H x W x D	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
Net weight		kg	42	42	43	66	84
Piping diameter	Liquid	Inch (mm)	1/4 [6,35]	1/4 [6,35] ⁶⁾	1/4 [6,35] ⁶⁾	3/8 [9,52]	3/8 [9,52]
	Gas	Inch (mm)	1/2 [12,70]	1/2 [12,70] ⁷⁾	1/2 [12,70] ⁷⁾	5/8 [15,88]	5/8 [15,88]
Pipe length range		m	3 - 40	3 - 40	3 - 40	5 - 60	5 - 100
Elevation difference (in / out) ⁸⁾		m	15 / 30	15 / 30	15 / 30	15 / 30	15 / 30
Pre-charged pipe length		m	30	30	30	30	30
Additional gas amount		g/m	15	15	15	30	40
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,13 / 0,76	1,13 / 0,76	1,15 / 0,78	1,95 / 1,32	2,70 / 1,82
Operating range	Cool Min ~ Max	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +52	-20 ⁹⁾ ~ +52
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

Technical focus

- Modern, flat design with a stylish matte white finish featuring
- DC fan motor 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

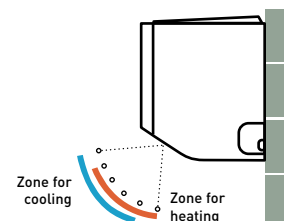
Closed discharge port

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



CZ-RTC5B



COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION

Optional:



CONEX
CONEX wired remote controller, white.
CZ-RTC6W/BL/BLW2



CONEX
CONEX wired remote controller, black.
CZ-RTC6/BL/BLW2



Infrared remote controller.
CZ-RWS3



Econavi sensor.
CZ-CENSC1

Three phase

			7,1 kW	10,0 kW
Kit			KIT-71PK4ZH48	KIT-100PK4ZH48
Remote controller			CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	7,1 [2,2 - 9,0]	9,5 [3,1 - 10,5]
EER ¹⁾	Nominal (Min - Max)	W/W	3,76 [2,69 - 5,79]	3,41 [3,09 - 5,34]
SEER ²⁾			6,6 A++	6,6 A++
Pdesign		kW	7,1	9,5
Input power	Nominal (Min - Max)	kW	1,89 [0,38 - 3,35]	2,79 [0,58 - 3,40]
Annual energy consumption ³⁾		kWh/a	377	504
Heating capacity	Nominal (Min - Max)	kW	7,8 [2,0 - 9,0]	9,5 [3,1 - 11,5]
Heating capacity at -15 °C ⁴⁾	Max	kW	5,8	8,9
COP ¹⁾	Nominal (Min - Max)	W/W	4,00 [3,16 - 5,56]	3,89 [3,00 - 5,34]
SCOP ²⁾			4,6 A++	4,1 A+
Pdesign at -10 °C		kW	5,2	8,0
Input power	Nominal (Min - Max)	kW	1,95 [0,36 - 2,85]	2,44 [0,58 - 3,83]
Annual energy consumption ³⁾		kWh/a	1583	2731
Indoor unit			S-5010PK4E	S-5010PK4E
Air flow	Hi / Med / Lo	m ³ /min	21,0 / 19,0 / 16,5	22,5 / 20,0 / 17,5
Moisture removal volume		L/h	2,4	4,4
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	47 / 44 / 40	49 / 45 / 41
Sound power	Hi / Med / Lo	dB(A)	63 / 60 / 56	65 / 61 / 57
Dimension	H x W x D	mm	295 x 1060 x 249	295 x 1060 x 249
Net weight		kg	14	14
nanoe X Generator			Mark 3	Mark 3
Outdoor unit			U-71PZH4E8	U-100PZH4E8
Power supply		V	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	3,20 - 3,05 - 3,00	4,65 - 4,45 - 4,20
	Heat	A	3,30 - 3,15 - 3,00	4,05 - 3,85 - 3,70
Air flow	Cool / Heat	m ³ /min	62,0 / 66,0	76,0 / 70,0
Sound pressure	Cool / Heat (Hi)	dB(A)	48 / 50	52 / 52
Sound power	Cool / Heat (Hi)	dB(A)	65 / 67	69 / 69
Dimension	H x W x D	mm	996 x 980 x 370	996 x 980 x 370
Net weight		kg	66	82
Piping diameter	Liquid	Inch (mm)	3/8 [9,52]	3/8 [9,52]
	Gas	Inch (mm)	5/8 [15,88]	5/8 [15,88]
Pipe length range		m	5 - 60	5 - 100
Elevation difference (in / out) ⁸⁾		m	15 / 30	15 / 30
Pre-charged pipe length		m	30	30
Additional gas amount		g/m	30	40
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,95 / 1,32	2,70 / 1,82
Operating range	Cool Min ~ Max	°C	-15 ~ +52	-20 ⁹⁾ ~ +52
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24

1) EER and COP calculation is based in accordance to EN 14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the η_{sc} / η_{sh} values is calculated based on EN 14825. 3) Factory setting. 4) The value is based on the interpolation. 5) The sound pressure of the units shows the value measured of the position 1 m in front of the main body and 1 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 6) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 7) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 8) Outdoor unit located lower / outdoor unit located higher. 9) Pipe length up to 30 m. * Recommended fuse for the indoor 3 A. ** Above values are in the case of nanoe™ X OFF.

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

CZ-CAPWFC2	Commercial Wi-Fi Adaptor
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



SEER: For S-5010PK4E + U-50PZH3E5. SCOP: For S-2545PK4E + U-36PZH3E5 and S-5010PK4E + U-60PZH3E5. INTERNET CONTROL: Optional.

Rating conditions: Cooling indoor 27 °C DB / 19 °C WB. Cooling outdoor 35 °C DB / 24 °C WB. Heating indoor 20 °C DB. Heating outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb). Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.