

NEW PACi NX Series Standard 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					
			2,5 kW	3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW
Kit			KIT-25PK4Z5	KIT-36PK4Z5	KIT-50PK4Z5	KIT-60PK4Z5	KIT-71PK4Z5	KIT-100PK4Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	2,5 [1,3 - 3,9]	3,5 [1,3 - 4,0]	5,0 [1,5 - 5,6]	6,1 [2,0 - 7,1]	6,9 [2,6 - 7,7]	9,0 [3,0 - 9,7]
EER ¹⁾	Nominal (Min - Max)	W/W	4,39 [3,68 - 5,00]	3,89 [3,74 - 5,00]	3,40 [3,03 - 6,25]	3,57 [3,01 - 6,90]	3,29 [2,77 - 5,00]	3,23 [3,13 - 5,36]
SEER ²⁾			6,6 A++	6,8 A++	7,2 A++	7,0 A++	6,0 A+	6,2 A++
Pdesign		kW	2,5	3,5	5,0	6,1	6,9	9,0
Input power	Nominal (Min - Max)	kW	0,57 [0,26 - 1,06]	0,90 [0,26 - 1,07]	1,47 [0,24 - 1,85]	1,71 [0,29 - 2,36]	2,10 [0,52 - 2,78]	2,79 [0,56 - 3,10]
Annual energy consumption ³⁾		kWh/a	133	181	243	305	402	508
Heating capacity	Nominal (Min - Max)	kW	2,8 [1,3 - 4,6]	3,6 [1,3 - 4,6]	5,0 [1,5 - 6,4]	6,1 [1,8 - 7,0]	7,1 [2,1 - 8,1]	9,0 [3,0 - 10,5]
Heating capacity at -15 °C ⁴⁾	Max	kW	2,8	2,9	4,4	5,1	5,8	9,7
COP ¹⁾	Nominal (Min - Max)	W/W	4,52 [3,54 - 5,65]	4,09 [3,54 - 5,65]	4,20 [3,17 - 7,50]	4,27 [3,18 - 7,50]	4,10 [3,38 - 6,36]	3,81 [3,56 - 5,36]
SCOP ²⁾			4,2 A+	4,4 A+	4,4 A+	4,6 A++	4,4 A+	4,0 A+
Pdesign at -10 °C		kW	2,5	2,6	4,0	4,6	5,2	8,8
Input power	Nominal (Min - Max)	kW	0,62 [0,23 - 1,30]	0,88 [0,23 - 1,30]	1,19 [0,20 - 2,02]	1,43 [0,24 - 2,20]	1,73 [0,33 - 2,40]	2,36 [0,56 - 2,95]
Annual energy consumption ³⁾		kWh/a	833	827	1271	1400	1654	3080
Indoor unit			S-2545PK4E	S-2545PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E	S-5010PK4E
Air flow	Hi / Med / Lo	m³/min	10,5/9,0/7,0	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	0,4	1,0	1,6	1,9	2,2	4,0
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	39/34/29	41/36/30	41/36/31	47/44/40	47/44/40	49/45/41
Sound power	Hi / Med / Lo	dB(A)	55/50/45	57/52/46	57/52/47	63/60/56	63/60/56	65/61/57
Dimension	HxWxD	mm	290x765x214	290x765x214	295x1060x249	295x1060x249	295x1060x249	295x1060x249
Net weight		kg	9	9	14	14	14	14
nanoe X Generator			Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3
Outdoor unit			U-25PZ3E5	U-36PZ3E5	U-50PZ3E5	U-60PZ3E5A	U-71PZ3E5A	U-100PZ3E5
Power supply		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	2,70 - 2,60 - 2,45	4,15 - 4,00 - 3,85	6,80 - 6,50 - 6,25	7,95 - 7,60 - 7,25	9,75 - 9,30 - 8,95	13,9 - 13,3 - 12,8
	Heat	A	2,90 - 2,80 - 2,65	4,10 - 3,95 - 3,80	5,60 - 5,35 - 5,10	6,65 - 6,35 - 6,10	8,00 - 7,70 - 7,35	11,8 - 11,3 - 10,8
Air flow	Cool / Heat	m³/min	33,6/34,0	33,6/34,0	32,7/31,9	42,6/41,5	44,7/45,9	73,0/73,0
Sound pressure	Cool / Heat (Hi)	dB(A)	46/47	46/47	46/46	47/48	48/49	52/52
Sound power	Cool / Heat (Hi)	dB(A)	64/66	64/66	64/64	64/65	66/68	70/70
Dimension	HxWxD	mm	619x824x299	619x824x299	619x824x299	695x875x320	695x875x320	996x980x370
Net weight		kg	32	32	35	42	50	83
Piping diameter	Liquid	Inch (mm)	1/4 [6,35]	1/4 [6,35]	1/4 [6,35] ⁶⁾	1/4 [6,35] ⁶⁾	1/4 [6,35] ⁶⁾	3/8 [9,52]
	Gas	Inch (mm)	1/2 [12,70]	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	3~15	3~15	3~20	3~40	3~40	5~50
Elevation difference (in / out) ⁸⁾		m	15/15	15/15	15/15	15/30	20/30	15/30
Pre-charged pipe length		m	7,5	7,5	7,5	30	30	30
Additional gas amount		g/m	10	10	15	15	17	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,87/0,59	0,87/0,59	1,14/0,77	1,15/0,78	1,32/0,89	2,4/1,62
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +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

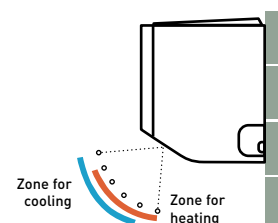
Closed discharge port

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



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



Infrared remote controller. CZ-RWS3



Econavi sensor. CZ-CENSC1

			Three phase
			10,0 kW
Kit			KIT-100PK4Z8
Remote controller			CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	9,0 [3,0 - 9,7]
EER ¹⁾	Nominal (Min - Max)	W/W	3,23 [3,13 - 5,36]
SEER ²⁾			6,2 A++
Pdesign		kW	9,0
Input power	Nominal (Min - Max)	kW	2,79 [0,56 - 3,10]
Annual energy consumption ³⁾		kWh/a	508
Heating capacity	Nominal (Min - Max)	kW	9,0 [3,0 - 10,5]
Heating capacity at -15 °C ⁴⁾	Max	kW	9,7
COP ¹⁾	Nominal (Min - Max)	W/W	3,81 [3,56 - 5,36]
SCOP ²⁾			4,0 A+
Pdesign at -10 °C		kW	8,8
Input power	Nominal (Min - Max)	kW	2,36 [0,56 - 2,95]
Annual energy consumption ³⁾		kWh/a	3080
Indoor unit			S-5010PK4E
Air flow	Hi / Med / Lo	m ³ /min	22,5 / 20,0 / 17,5
Moisture removal volume		L/h	4,0
Sound pressure ⁵⁾	Hi / Med / Lo	dB(A)	49 / 45 / 41
Sound power	Hi / Med / Lo	dB(A)	65 / 61 / 57
Dimension	H x W x D	mm	295 x 1060 x 249
Net weight		kg	14
nanoe X Generator			Mark 3
Outdoor unit			U-100PZ3E8
Power supply		V	380 - 400 - 415
Current	Cool	A	4,65 - 4,45 - 4,25
	Heat	A	3,95 - 3,75 - 3,60
Air flow	Cool / Heat	m ³ /min	73,0 / 73,0
Sound pressure	Cool / Heat (Hi)	dB(A)	52 / 52
Sound power	Cool / Heat (Hi)	dB(A)	70 / 70
Dimension	H x W x D	mm	996 x 980 x 370
Net weight		kg	83
Piping diameter	Liquid	Inch (mm)	3/8 (9,52)
	Gas	Inch (mm)	5/8 (15,88)
Pipe length range		m	5 ~ 50
Elevation difference (in / out) ⁸⁾		m	15 / 30
Pre-charged pipe length		m	30
Additional gas amount		g/m	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	2,4 / 1,62
Operating range	Cool Min ~ Max	°C	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +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. * 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-50PZ3E5. SCOP: For S-5010PK4E + U-60PZ3E5A. 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.