PACi NX Series Elite and Standard 4 way 60x60 cassette - PY3 · R32

· From 2,5 to 6,0 kW (4 capacity sizes)
· Maximum SEER: 7,3 A++ / SCOP: 4,7 A++*
· Built-in drain pump
· DC drain pump and float switch to reduce the noise
· nanoe™ X (Generator Mark 2: 9,6 trillion hydroxyl radicals/sec) as standard for better indoor air quality

* For Elite 3,6 KW model.



nanoe™ X as a standard.

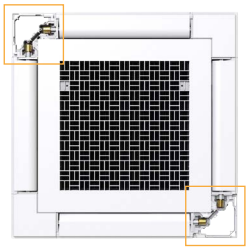
Elite			Single phase		
			3,6 kW	5,0 kW	6,0 kW
Kit			KIT-36PY3ZH5	KIT-50PY3ZH5	KIT-60PY3ZH5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3,6 (1,2 - 4,0)	5,0 (1,2 - 5,6)	6,0 (1,2 - 6,5)
EER [1]	Nominal (Min - Max)	W/W	4,50 (4,04 - 5,45)	3,76 (3,41 - 5,45)	3,43 (2,77 - 5,45)
SEER [2]			7,3 A++	7,0 A++	6,7 A++
Pdesign		kW	3,6	5,0	6,0
Input power	Nominal (Min - Max)	kW	0,80 (0,22 - 0,99)	1,33 (0,22 - 1,64)	1,75 (0,20 - 2,35)
Annual energy consumption [3]		kWh/a	400	685	875
Heating capacity	Nominal (Min - Max)	kW	4,0 (1,2 - 5,0)	5,6 (1,2 - 6,5)	7,0 (1,2 - 7,5)
COP [1]	Nominal (Min - Max)	W/W	4,12 (3,45 - 5,45)	3,37 (2,95 - 5,45)	3,35 (3,38 - 5,45)
SCOP [2]			4,7 A++	4,6 A++	4,3 A+
Pdesign at -10 °C		kW	3,6	4,5	4,6
Input power	Nominal (Min - Max)	kW	0,97 (0,22 - 1,45)	1,66 (0,22 - 2,20)	2,09 (0,22 - 2,22)
Annual energy consumption [3]		kWh/a	1073	1370	1495
Indoor unit			S-36PY3E	S-50PY3E	S-60PY3E
Air flow	Hi / Med / Lo	m³/min	9,5 / 7,5 / 6,0	12,0 / 9,5 / 6,5	14,0 / 10,5 / 8,0
Moisture removal volume		L/h	1,5	2,5	2,8
Sound pressure [4]	Hi / Med / Lo	dB(A)	34 / 30 / 25	39 / 34 / 27	43 / 37 / 31
Sound power	Hi / Med / Lo	dB(A)	49 / 45 / 40	54 / 49 / 42	58 / 52 / 46
Dimension	Indoor (H x W x D)	mm	243 x 575 x 575	243 x 575 x 575	243 x 575 x 575
	Panel (H x W x D)	mm	30 x 625 x 625	30 x 625 x 625	30 x 625 x 625
Net weight	Indoor / Panel	kg	15 / 2,8	15 / 2,8	15 / 2,8
nanoe X Generator			Mark 2	Mark 2	Mark 2
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5
Power supply		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	3,95 - 3,60 - 3,60	5,30 - 5,00 - 5,75	8,20 - 7,85 - 7,60
	Heat	A	4,75 - 4,55 - 4,35	7,85 - 7,50 - 7,20	9,70 - 9,25 - 8,90
Air flow	Cool / Heat	m³/min	34,1 / 36,4	42,0 / 42,0	42,0 / 42,0
Sound pressure	Cool / Heat (Hi)	dB(A)	43 / 44	46 / 48	47 / 50
Sound power	Cool / Heat (Hi)	dB(A)	62 / 64	64 / 67	65 / 69
Dimension	H x W x D	mm	695 x 875 x 320	695 x 875 x 320	695 x 875 x 320
Net weight		kg	42	42	43
Piping diameter	Liquid	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35) [5]
	Gas	Inch (mm)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70) [6]
Pipe length range		m	3 ~ 40	3 ~ 40	3 ~ 40
Elevation difference (in / out) [7]		m	15 / 30	15 / 30	15 / 30
Pre-charged pipe length		m	30	30	30
Additional gas amount		g/m	15	15	15
Refrigerant (R32) / CO_2 Eq.		kg / T	1,13 / 0,76	1,13 / 0,76	1,15 / 0,78
Operating range	Cool Min ~ Max	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24

Compact and stylish design

· Required ceiling depth of only 250 mm
· Exposed area is only 30 mm

Individual flap control

Better control of the air flow with 4 motors, providing individual flap control.
Perfect air distribution without direct airflow, to reduce the feeling of cold drafts.



R32 | A++ 7,3 SEER | A++ 4,7 SCOP | 28% ECONAVI | INVERTER+ | -15 °C COOLING MODE | -20 °C HEATING MODE | nanoe™X | DC FAN | R22 R410A R32 R22 / R410A RENEWAL | OPTIONAL WI-FI | BMS CONNECTIVITY

SEER and SCOP: For S-36PY3E + U-36PZH3E5. ECONAVI and INTERNET CONTROL: Optional.



CZ-RTC5B



Panel.
CZ-KPY4

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



Optional:



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



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



Infrared remote controller.
CZ-RWS3 + CZ-RWRY3



Econavi sensor.
CZ-CENSC1

Standard			Single phase			
			2,5 kW	**3,6 kW**	**5,0 kW**	**6,0 kW**
Kit			**KIT-25PY3Z5**	**KIT-36PY3Z5**	**KIT-50PY3Z5**	**KIT-60PY3Z5**
Remote controller			**CZ-RTC5B**	**CZ-RTC5B**	**CZ-RTC5B**	**CZ-RTC5B**
Cooling capacity	Nominal (Min - Max)	kW	2,5 (1,5 - 3,9)	3,6 (1,5 - 4,0)	5,0 (1,5 - 5,6)	6,0 (2,0 - 7,0)
EER [1]	Nominal (Min - Max)	W/W	4,46 (3,55 - 5,88)	3,96 (3,57 - 5,88)	3,50 (3,03 - 6,25)	3,39 (2,77 - 6,90)
SEER [2]			**6,5 A++**	**6,7 A++**	**7,3 A++**	**6,8 A++**
Pdesign		kW	2,5	3,6	5,0	6,0
Input power	Nominal (Min - Max)	kW	0,56 (0,26 - 1,10)	0,91 (0,26 - 1,12)	1,43 (0,24 - 1,85)	1,77 (0,29 - 2,53)
Annual energy consumption [3]		kWh/a	134	188	238	3,05
Heating capacity	Nominal (Min - Max)	kW	3,2 (1,5 - 4,6)	3,6 (1,5 - 4,6)	5,0 (1,5 - 6,4)	6,0 (1,8 - 7,0)
COP [1]	Nominal (Min - Max)	W/W	4,44 (3,41 - 6,52)	4,29 (3,38 - 6,52)	3,94 (2,91 - 7,50)	3,61 (2,86 - 7,60)
SCOP [2]			**4,6 A++**	**4,3 A+**	**4,4 A+**	**4,2 A+**
Pdesign at -10 °C		kW	2,8	2,8	4,0	4,6
Input power	Nominal (Min - Max)	kW	0,72 (0,23 - 1,35)	0,84 (0,23 - 1,36)	1,27 (0,20 - 2,20)	1,66 (0,24 - 2,45)
Annual energy consumption [3]		kWh/a	850	912	1264	1500
Indoor unit			**S-25PY3E**	**S-36PY3E**	**S-50PY3E**	**S-60PY3E**
Air flow	Hi / Med / Lo	m³/min	8,5 / 7,0 / 6,0	9,5 / 7,0 / 6,0	12,0 / 9,5 / 6,5	14,0 / 10,5 / 8,0
Moisture removal volume		L/h	0,7	1,5	2,3	2,8
Sound pressure [4]	Hi / Med / Lo	dB(A)	31 / 28 / 25	34 / 30 / 25	39 / 34 / 27	43 / 37 / 31
Sound power	Hi / Med / Lo	dB(A)	46 / 43 / 40	49 / 45 / 40	54 / 49 / 42	58 / 52 / 46
Dimension	Indoor (H x W x D)	mm	243 x 575 x 575	243 x 575 x 575	243 x 575 x 575	243 x 575 x 575
	Panel (H x W x D)	mm	30 x 625 x 625	30 x 625 x 625	30 x 625 x 625	30 x 625 x 625
Net weight	Indoor / Panel	kg	15 / 2,8	15 / 2,8	15 / 2,8	15 / 2,8
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit			**U-25PZ3E5**	**U-36PZ3E5**	**U-50PZ3E5**	**U-60PZ3E5A**
Power supply		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240
Current	Cool	A	2,65 - 2,55 - 2,45	4,20 - 4,05 - 3,85	6,65 - 6,35 - 6,10	8,20 - 7,85 - 7,55
	Heat	A	3,40 - 3,25 - 3,10	3,95 - 3,75 - 3,60	5,695 - 5,70 - 5,45	7,70 - 7,35 - 7,05
Air flow	Cool / Heat	m³/min	33,6 / 34,0	32,6 / 34,0	32,7 / 31,9	42,6 / 41,5
Sound pressure	Cool / Heat (Hi)	dB(A)	46 / 47	46 / 47	46 / 48	47 / 48
Sound power	Cool / Heat (Hi)	dB(A)	64 / 66	64 / 66	64 / 64	64 / 65
Dimension	H x W x D	mm	619 x 824 x 299	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320
Net weight		kg	32	32	35	46
Piping diameter	Liquid	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35) [5]
	Gas	Inch (mm)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70) [6]
Pipe length range		m	3 ~ 15	3 ~ 15	3 ~ 20	3 ~ 40
Elevation difference (in / out) [7]		m	15 / 15	15 / 15	15 / 15	15 / 30
Pre-charged pipe length		m	7,5	7,5	7,5	30
Additional gas amount		g/m	10	10	15	15
Refrigerant (R32) / CO_2 Eq.		kg / T	0,87 / 0,59	0,87 / 0,59	1,14 / 0,77	1,15 / 0,78
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

1) EER and COP calculation is based in accordance to EN14511. 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 $\eta_{s,c}$ / $\eta_{s,h}$ values is calculated based on EN 14825. 3) Factory setting. 4) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 6) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 7) 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-RTC6WBLW	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-RTC6BLW	CONEX wired remote controller with Wi-Fi and Bluetooth®, black
CZ-RTC5B	Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRY3	Infrared remote controller and receiver

Accessories	
CZ-CAPWFC1	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 400 x 900 x 400 mm
CZ-CENSC1	Econavi energy saving sensor



SEER: For S-50PY3E + U-50PZ3E5. SCOP: For S-25PY3E + U-25PZ3E5. ECONAVI and 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.