

PACi NX Series Elite ceiling - PT3 - R32

Ceiling mounted units provide large and wide air distribution which is ideal for large rooms.

The height and depth of all capacities are the same for unified appearance in mixed installations.



			Single phase							
			3,6 kW	5,0 kW	6,0 kW	7,1 kW	10,0 kW	12,5 kW	14,0 kW	
Kit			KIT-36PT3ZH5	KIT-50PT3ZH5	KIT-60PT3ZH5	KIT-71PT3ZH45	KIT-100PT3ZH45	KIT-125PT3ZH45	KIT-140PT3ZH45	
Remote controller			CZ-RTC5B	CZ-RTC5B	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)	6,0(1,2 - 7,1)	6,8(2,2 - 9,0)	9,5(3,1 - 12,5)	12,1(3,2 - 14,0)	13,4(3,3 - 16,0)	
EER ¹⁾	Nominal (Min - Max)	W/W	4,86(4,55 - 5,45)	4,03(3,57 - 5,45)	3,82(3,02 - 5,45)	3,91(2,69 - 5,79)	4,06(3,29 - 5,34)	3,46(3,01 - 5,33)	3,21(2,67 - 5,32)	
SEER / η_{sc}²⁾			7,7 A++	7,4 A++	7,5 A++	7,3 A++	7,3 A++	278,4%	263,3%	
Pdesign		kW	3,5	5,0	6,0	6,8	9,5	12,1	13,4	
Input power	Nominal (Min - Max)	kW	0,72(0,22 - 0,88)	1,24(0,22 - 1,57)	1,57(0,22 - 2,35)	1,74(0,38 - 3,35)	2,34(0,58 - 3,80)	3,50(0,60 - 4,65)	4,17(0,62 - 6,00)	
Annual energy consumption ³⁾		kWh/a	160	237	280	326	456	—	—	
Heating capacity	Nominal (Min - Max)	kW	4,0(1,2 - 5,0)	5,6(1,2 - 6,5)	7,0(1,2 - 8,0)	8,0(2,0 - 9,0)	11,2(3,1 - 14,0)	14,0(3,2 - 16,0)	16,0(3,3 - 18,0)	
COP ¹⁾	Nominal (Min - Max)	W/W	5,00(4,17 - 5,45)	4,03(3,94 - 5,45)	4,14(3,40 - 5,45)	3,96(3,16 - 5,56)	4,00(3,54 - 5,54)	3,78(3,20 - 5,52)	3,38(3,10 - 5,50)	
SCOP / η_{sh}²⁾			4,9 A++	4,8 A++	4,8 A++	4,7 A++	4,5 A+	175,6%	169,3%	
Pdesign at -10 °C		kW	3,1	4,0	4,6	4,7	7,8	9,5	10,2	
Input power	Nominal (Min - Max)	kW	0,80(0,22 - 1,20)	1,39(0,22 - 1,65)	1,69(0,22 - 2,35)	2,02(0,36 - 2,85)	2,80(0,56 - 3,95)	3,70(0,58 - 5,00)	4,74(0,60 - 5,80)	
Annual energy consumption ³⁾		kWh/a	886	1167	1342	1400	2426	—	—	
Indoor unit			S-3650PT3E	S-3650PT3E	S-6071PT3E	S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E	
Air flow	Hi / Med / Lo	m ³ /min	14,0/12,0/10,5	15,0/12,5/10,5	20,0/17,0/14,5	21,0/18,0/15,5	30,0/25,0/23,0	34,0/28,0/24,0	35,0/29,0/25,0	
Moisture removal volume		L/h	0,8	2,0	2,1	2,7	3,6	5,4	6,4	
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	36/32/28	37/33/28	38/34/29	39/35/30	42/37/34	46/40/35	47/41/36	
Sound power	Hi / Med / Lo	dB(A)	54/50/46	55/51/46	56/52/47	57/53/48	60/55/52	64/58/53	65/59/54	
Dimension	HxWxD	mm	235x960x690	235x960x690	235x1275x690	235x1275x690	235x1590x690	235x1590x690	235x1590x690	
Net weight		kg	26	26	34	34	40	40	40	
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	
Outdoor unit			U-36PZH3E5	U-50PZH3E5	U-60PZH3E5	U-71PZH4E5	U-100PZH4E5	U-125PZH4E5	U-140PZH4E5	
Power supply		V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	
Current	Cool	A	3,55 - 3,40 - 3,25	5,85 - 5,60 - 5,40	7,35 - 7,05 - 6,75	8,80 - 8,40 - 8,05	11,60 - 11,10 - 10,60	17,10 - 16,40 - 15,70	20,40 - 19,50 - 18,70	
	Heat	A	3,90 - 3,75 - 3,60	6,60 - 6,30 - 6,05	7,85 - 7,50 - 7,20	10,20 - 9,75 - 9,35	13,70 - 13,20 - 12,70	18,10 - 17,30 - 16,60	23,20 - 22,20 - 21,20	
Air flow	Cool / Heat	m ³ /min	34,1/36,4	42,0/42,0	42,0/42,0	62,0/66,0	76,0/70,0	86,0/78,0	89,0/83,0	
Sound pressure	Cool / Heat (Hi)	dB(A)	43/44	46/48	47/50	48/50	52/52	55/55	56/56	
Sound power	Cool / Heat (Hi)	dB(A)	62/64	64/67	65/69	65/67	69/69	73/73	74/74	
Dimension	HxWxD	mm	695x875x320	695x875x320	695x875x320	996x980x370	996x980x370	996x980x370	996x980x370	
Net weight		kg	42	42	43	66	84	86	86	
Piping diameter	Liquid	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35) ⁵⁾	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	
	Gas	Inch (mm)	1/2 (12,70)	1/2 (12,70)	1/2 (12,70) ⁶⁾	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)	
Pipe length range		m	3 - 40	3 - 40	3 - 40	5 - 60	5 - 100	5 - 100	5 - 100	
Elevation difference (in / out) ⁷⁾		m	15/30	15/30	15/30	15/30	15/30	15/30	15/30	
Pre-charged pipe length		m	30	30	30	30	30	30	30	
Additional gas amount		g/m	15	15	15	30	40	40	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	3,00/2,03	3,00/2,03	
Operating range	Cool Min - Max	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +52	-20 ⁸⁾ ~ +52	-20 ⁸⁾ ~ +52	-20 ⁸⁾ ~ +52	
	Heat Min - Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	

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

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.



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/BLW



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



Infrared remote controller. CZ-RWS3 + CZ-RWRT3



Econavi sensor. CZ-CENSC1

Three phase

Kit			7,1 kW	10,0 kW	12,5 kW	14,0 kW
			KIT-71PT3ZH48	KIT-100PT3ZH48	KIT-125PT3ZH48	KIT-140PT3ZH48
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	6,8[2,2 - 9,0]	9,5[3,1 - 12,5]	12,1[3,2 - 14,0]	13,4[3,3 - 16,0]
EER ¹⁾	Nominal (Min - Max)	W/W	3,91[2,69 - 5,79]	4,06[3,29 - 5,34]	3,46[3,01 - 5,33]	3,21[2,67 - 5,32]
SEER / η _{sc} ²⁾			7,2 A++	7,2 A++	277,3%	262,4%
Pdesign			6,8	9,5	12,1	13,4
Input power	Nominal (Min - Max)	kW	1,74[0,38 - 3,35]	2,34[0,58 - 3,80]	3,50[0,60 - 4,65]	4,17[0,66 - 6,00]
Annual energy consumption ³⁾			331	462	—	—
Heating capacity	Nominal (Min - Max)	kW	8,0[2,0 - 9,0]	11,2[3,1 - 14,0]	14,0[3,2 - 16,0]	16,0[3,3 - 18,0]
COP ¹⁾	Nominal (Min - Max)	W/W	3,96[3,16 - 5,56]	4,00[3,54 - 5,54]	3,78[3,20 - 5,52]	3,38[3,10 - 5,50]
SCOP / η _{sh} ²⁾			4,7 A++	4,5 A+	175,6%	169,3%
Pdesign at -10 °C			4,7	7,8	9,5	10,2
Input power	Nominal (Min - Max)	kW	2,02[0,36 - 2,85]	2,80[0,56 - 3,95]	3,70[0,58 - 5,00]	4,74[0,60 - 5,80]
Annual energy consumption ³⁾			1400	2427	—	—
Indoor unit			S-6071PT3E	S-1014PT3E	S-1014PT3E	S-1014PT3E
Air flow	Hi / Med / Lo	m ³ /min	21,0/18,0/15,5	30,0/25,0/23,0	34,0/28,0/24,0	35,0/29,0/25,0
Moisture removal volume			2,7	3,6	5,4	6,4
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	39/35/30	42/37/34	46/40/35	47/41/36
Sound power	Hi / Med / Lo	dB(A)	57/53/48	60/55/52	64/58/53	65/59/54
Dimension	HxWxD	mm	235x1275x690	235x1590x690	235x1590x690	235x1590x690
Net weight			34	40	40	40
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit			U-71PZH4E8	U-100PZH4E8	U-125PZH4E8	U-140PZH4E8
Power supply			380-400-415	380-400-415	380-400-415	380-400-415
Current	Cool	A	2,95-2,80-2,70	3,60-3,40-3,25	5,45-5,15-5,00	6,15-5,85-5,65
	Heat	A	3,15-3,00-2,90	3,75-3,55-3,40	5,10-4,80-4,65	6,20-5,90-5,65
Air flow	Cool / Heat	m ³ /min	62,0/66,0	76,0/70,0	86,0/78,0	89,0/83,0
Sound pressure	Cool / Heat (Hi)	dB(A)	48/50	52/52	55/55	56/56
Sound power	Cool / Heat (Hi)	dB(A)	65/67	69/69	73/73	74/74
Dimension	HxWxD	mm	996x980x370	996x980x370	996x980x370	996x980x370
Net weight			66	82	84	84
Piping diameter	Liquid	Inch (mm)	3/8[9,52]	3/8[9,52]	3/8[9,52]	3/8[9,52]
	Gas	Inch (mm)	5/8[15,88]	5/8[15,88]	5/8[15,88]	5/8[15,88]
Pipe length range			5-60	5-100	5-100	5-100
Elevation difference (in / out) ⁷⁾			15/30	15/30	15/30	15/30
Pre-charged pipe length			30	30	30	30
Additional gas amount			30	40	40	40
Refrigerant (R32) / CO ₂ Eq.			1,95/1,32	2,70/1,82	3,00/2,03	3,00/2,03
Operating range	Cool Min ~ Max	°C	-15 ~ +52	-20 ⁸⁾ ~ +52	-20 ⁸⁾ ~ +52	-20 ⁸⁾ ~ +52
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +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 η_{sc} / η_{sh} 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 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. 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. 8) 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-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-RWRT3	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 400x900x400 mm
CZ-CENSC1	Econavi energy saving sensor



SEER and SCOP: For S-3650PT3E + U-36PZH3E5. 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.