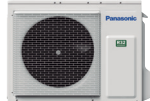


New PACi NX Series Standard 4 Way 90x90 Cassette Inverter+

- R32 refrigerant



CZ-RTC5B

CZ-KPU3W
Standard
panel.CZ-KPU3AW
Optional
Econavi panel
(CZ-RTC5B is
required).

nanoeTM X
nanoeTM X as a
standard.

CZ-RTC6
CZ-RTC6BL
CZ-RTC6BLW
Optional Controller.
Wired remote controller.CZ-RWS3 +
CZ-RWRU3W
Optional Controller.
Infrared remote
controller.

			Single Phase							
Kit			3.6 kW	5.0 kW	6.0 kW	7.1 kW	10.0 kW	12.5 kW	14.0 kW	
Remote controller			KIT-36PU3Z5 CZ-RTC5B	KIT-50PU3Z5 CZ-RTC5B	KIT-60PU3Z5 CZ-RTC5B	KIT-71PU3Z5 CZ-RTC5B	KIT-100PU3Z5 CZ-RTC5B	KIT-125PU3Z5 CZ-RTC5B	KIT-140PU3Z5 CZ-RTC5B	
Cooling capacity	Nominal (Min - Max)	kW	3.6 [1.5 - 4.0]	5.0 [1.5 - 5.6]	6.0 [2.0 - 7.1]	7.1 [2.6 - 7.7]	10.0 [3.0 - 11.5]	12.5 [3.2 - 13.5]	14.0 [3.3 - 15.0]	
EER ¹⁾	Nominal (Min - Max)	W/W	4.34	3.91	3.73	3.27	3.82 [5.36 - 2.88]	3.58 [5.33 - 2.81]	3.23 [5.32 - 2.73]	
SEER ²⁾			8.1 A++	8.0 A++	7.8 A++	6.8 A++	6.8 A++	6.8	6.5	
Pdesign		kW	3.6	5.0	6.0	7.1	10.0	12.5	14.0	
Input power cooling	Nominal (Min - Max)	kW	0.83	1.28	1.61	2.17	2.62 [0.6 - 4.0]	3.49 [0.6 - 4.8]	4.34 [0.6 - 5.5]	
Annual energy consumption ³⁾		kWh/a	156	219	269	365	515	—	—	
Heating capacity	Nominal (Min - Max)	kW	3.6 [1.5 - 4.6]	5.0 [1.5 - 6.4]	6.0 [1.8 - 7.0]	7.1 [2.1 - 8.1]	10.0 [3.0 - 14.0]	12.5 [3.3 - 15.0]	14.0 [3.4 - 16.0]	
COP ¹⁾	Nominal (Min - Max)	W/W	5.07	4.63	4.48	4.23	4.93 [3.59 - 5.36]	4.43 [3.57 - 5.50]	4.18 [3.33 - 5.48]	
SCOP ²⁾			4.8 A++	4.7 A++	4.9 A++	4.6 A++	4.4 A+	4.0	3.9	
Pdesign at -10 °C		kW	2.8	4.0	4.6	5.2	10.0	12.5	14.0	
Input power heating	Nominal (Min - Max)	kW	0.71	1.08	1.34	1.68	2.03 [0.56 - 3.90]	2.82 [0.60 - 4.20]	3.35 [0.62 - 4.80]	
Annual energy consumption ³⁾		kWh/a	817	1191	1314	1583	3182	—	—	
Indoor unit			S-3650PU3E	S-3650PU3E	S-6071PU3E	S-6071PU3E	S-1014PU3E	S-1014PU3E	S-1014PU3E	
Air volume	Hi / Med / Lo	m ³ /min	14.5/13.0/11.5	16.5/13.5/11.5	21.0/16.0/13.0	22.0/16.0/13.0	36.0/26.0/18.0	37.0/27.0/19.0	38.0/29.0/20.0	
Moisture removal volume		L/h	0.7	1.6	1.7	2.5	2.7	4.8	6.0	
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	30/28/27	32/29/27	36/31/28	37/31/28	45/38/32	46/39/33	47/40/34	
Sound power	Hi / Med / Lo	dB	45/43/42	47/44/42	51/46/43	52/46/43	60/53/47	61/54/48	62/55/49	
Dimension	Indoor (H x W x D)	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840	
	Panel (H x W x D)	mm	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	
Net weight	Indoor / Panel	kg	19/5	19/5	20/5	20/5	25/5	25/5	25/5	
nanoe TM X Generator			Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	Mark 1	
Outdoor unit			U-36PZ3E5	U-50PZ3E5	U-60PZ3E5	U-71PZ3E5	U-100PZ3E5	U-125PZ3E5	U-140PZ3E5	
Power source		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	3.85 - 3.70 - 3.55	5.95 - 5.70 - 5.45	7.45 - 7.15 - 6.85	10.00 - 9.65 - 9.25	12.10 - 11.50 - 11.10	16.30 - 15.60 - 15.00	20.40 - 19.50 - 18.70	
	Heat	A	3.35 - 3.20 - 3.05	5.05 - 4.85 - 4.65	6.20 - 5.95 - 5.70	7.80 - 7.45 - 7.15	9.25 - 8.85 - 8.50	13.10 - 12.50 - 12.00	15.60 - 14.90 - 14.30	
Air volume	Cool / Heat	m ³ /min	33.6/34.0	32.7/31.9	42.6/41.5	44.7/45.9	76/70	86/78	89/83	
Sound pressure	Cool / Heat (Hi)	dB(A)	46/47	46/46	47/48	48/49	52/52	55/55	56/56	
Sound power	Cool / Heat (Hi)	dB	64/66	64/64	64/65	66/68	70/70	73/73	74/74	
Dimension	H x W x D	mm	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	
Net weight		kg	32	35	42	50	90	94	94	
Piping connections	Liquid pipe	Inch (mm)	1/4 [6.35]	1/4 [6.35]	1/4 [6.35] ⁵⁾	1/4 [6.35] ⁵⁾	3/8 [9.52]	3/8 [9.52]	3/8 [9.52]	
	Gas pipe	Inch (mm)	1/2 [12.70]	1/2 [12.70]	1/2 [12.70] ⁴⁾	5/8 [15.88]	5/8 [15.88]	5/8 [15.88]	5/8 [15.88]	
Pipe length range		m	3 ~ 15	3 ~ 20	3 ~ 30	3 ~ 40	5 ~ 50	5 ~ 50	5 ~ 50	
Elevation difference (in/out) ⁷⁾		m	15/15 ⁸⁾	15/15 ⁸⁾	15/15 ⁸⁾	20/20 ⁸⁾	30	30	30	
Pipe length for additional gas		m	7.5	7.5	7.5	10	30	30	30	
Additional gas amount		g/m	10	15	15	17	45	45	45	
Refrigerant (R32) / CO ₂ Eq.		kg / T	0.87/0.59	1.14/0.77	1.15/0.78	1.32/0.89	2.60/1.76	2.98/2.01	2.98/2.01	
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-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	-15 ~ +24	

Accessories

CZ-RTC6	NEW	Wired remote controller (non-wireless)
CZ-RTC6BL	NEW	Wired remote controller with Bluetooth®
CZ-RTC6BLW	NEW	Wired remote controller with WLAN & Bluetooth® (available in Autumn 2020)
CZ-RTC5B		Wired remote controller with Econavi function and datanavi
CZ-RWS3 + CZ-RWRU3W		Infrared remote controller

Accessories

CZ-CAPWFC1	Commercial WLAN Adaptor
CZ-KPU3AW	Econavi exclusive panel
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

Technical focus

- High performance turbo fan, path system for heat exchanger
- Econavi: An optional Intelligent sensor to reduce waste of energy
- nanoe™ X (Generator Mark 1= 4,8 trillion OH radicals/ sec) as standard for better indoor air quality, also possible to clean inside of the indoor unit with nanoe™ X ON + Dry operation
- Lower noise in slow fan operation
- Light weight, easy piping
- Drain pump included
- New wired remote control 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.

Group control, circulation function

Circulating operation is activated when a room is unoccupied to evenly distribute air and minimize temperature gaps in both heating and cooling operation.

			Three Phase		
			10.0 kW	12.5 kW	14.0 kW
Kit			KIT-100PU3Z8	KIT-125PU3Z8	KIT-140PU3Z8
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	10.0(3.0 - 11.5)	12.5(3.2 - 13.5)	14.0(3.3 - 15.0)
EER ¹⁾	Nominal (Min - Max)	W/W	3.82(5.36 - 2.88)	3.58(5.33 - 2.81)	3.23(5.32 - 2.73)
SEER ²⁾			6.7A++	6.7	6.5
Pdesign		kW	10.0	12.5	14.0
Input power cooling	Nominal (Min - Max)	kW	2.62(0.60 - 4.00)	3.49(0.60 - 4.80)	4.34(0.60 - 5.50)
Annual energy consumption ³⁾		kWh/a	521	—	—
Heating capacity	Nominal (Min - Max)	kW	10.0(3.0 - 14.0)	12.5(3.3 - 15.0)	14.0(3.4 - 16.0)
COP ¹⁾	Nominal (Min - Max)	W/W	4.93(3.59 - 5.36)	4.43(3.57 - 5.50)	4.18(3.33 - 5.48)
SCOP ²⁾			4.4A+	4.0	3.9
Pdesign at -10 °C		kW	10.0	12.5	14.0
Input power heating	Nominal (Min - Max)	kW	2.03(0.56 - 3.90)	2.82(0.60 - 4.20)	3.35(0.62 - 4.80)
Annual energy consumption ³⁾		kWh/a	3182	—	—
Indoor unit			S-1014PU3E	S-1014PU3E	S-1014PU3E
Air volume	Hi / Med / Lo	m³/min	36.0/26.0/18.0	37.0/27.0/19.0	38.0/29.0/20.0
Moisture removal volume		L/h	2.7	4.8	6.0
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	45/38/32	46/39/33	47/40/34
Sound power	Hi / Med / Lo	dB	60/53/47	61/54/48	62/55/49
Dimension	Indoor (H x W x D)	mm	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
	Panel (H x W x D)	mm	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950
Net weight	Indoor / Panel	kg	25/5	25/5	25/5
nanoe X Generator			Mark 1	Mark 1	Mark 1
Outdoor unit			U-100PZ3E8	U-125PZ3E8	U-140PZ3E8
Power source		V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Current	Cool	A	4.10 - 3.90 - 3.75	5.45 - 5.20 - 5.00	6.80 - 6.50 - 6.25
	Heat	A	3.15 - 3.00 - 2.90	4.40 - 4.15 - 4.00	5.25 - 4.95 - 4.80
Air volume	Cool / Heat	m³/min	76/70	86/78	89/83
Sound pressure	Cool / Heat (Hi)	dB(A)	52/52	55/55	56/56
Sound power	Cool / Heat (Hi)	dB	70/70	73/73	74/74
Dimension	H x W x D	mm	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
Net weight		kg	90	94	94
Piping connections	Liquid pipe	Inch (mm)	3/8(9.52)	3/8(9.52)	3/8(9.52)
	Gas pipe	Inch (mm)	5/8(15.88)	5/8(15.88)	5/8(15.88)
Pipe length range		m	5 ~ 50	5 ~ 50	5 ~ 50
Elevation difference (in/out) ⁷⁾		m	30	30	30
Pipe length for additional gas		m	30	30	30
Additional gas amount		g/m	45	45	45
Refrigerant (R32) / CO ₂ Eq.		kg / T	2.60/1.76	2.98/2.01	2.98/2.01
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the SEER and SCOP is calculated based on values of EU/2281/2016. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 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) When installing the outdoor unit at a higher position than the 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.



SEER: For S-3650PU3E + U-36PZ3E5. SCOP: For S-3650PU3E + U-60PZ3E5. ECONAVI and INTERNET CONTROL: Optional. Compatible with all Panasonic connectivity solutions. For detailed information go to the Control Systems section.