



PACi NX Series Standard and Elite 4 way 60x60 cassette Inverter+ · R32

4 way 60x60 cassette - PY3.

- From 2.5 to 6.0 kW (4 capacity sizes)
- SEER / SCOP class 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

* SCOP class A+ in case of 2.5 / 6.0 kW.

Standard			Single phase			
			2.5 kW	3.6 kW	5.0 kW	6.0 kW
Kit			KIT-25PY3Z5	KIT-35PY3Z5	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)
UK cooling	Total - Sensible	kW	2.4-1.6	3.4-2.3	4.8-3.0	5.9-3.7
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)
SEER²⁾			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)
UK heating	Total	kW	3.6	3.6	5.1	5.7
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)
SCOP²⁾			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	m ³ /sec	0.14/0.12/0.10	0.16/0.12/0.10	0.20/0.16/0.11	0.23/0.18/0.13
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 (HxWxD)	mm	243x575x575	243x575x575	243x575x575	243x575x575
	Panel (HxWxD)	mm	30x625x625	30x625x625	30x625x625	30x625x625
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
Maximum fuse size		A	15	15	15	20
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	m ³ /sec	0.56/0.57	0.54/0.57	0.55/0.53	0.71/0.69
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	HxWxD	mm	619x824x299	619x824x299	619x824x299	695x875x320
Net weight		kg	32	32	35	46
Piping diameter	Liquid pipe	Inch (mm)	1/4(6.35)	1/4(6.35)	1/4(6.35)	1/4(6.35) ⁵⁾
	Gas pipe	Inch (mm)	1/2(12.70)	1/2(12.70)	1/2(12.70)	1/2(12.70) ⁴⁾
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
Pipe length for additional gas		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
Kit RRP		£	1,748	1,839	2,160	2,343
Indoor unit RRP		£	655	694	787	961
Outdoor unit RRP		£	716	768	996	1,005
Panel RRP		£	233	233	233	233
Wired control RRP		£	144	144	144	144

Compact and stylish design

- Ceiling depth is only 250 mm
- Exposed area is only 30 mm

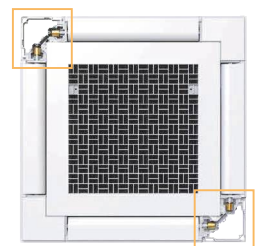
Industry-leading energy efficiency

Achieved SEER / SCOP class A++*.

* SCOP class A+ in case of 2.5 / 6.0 kW.

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.



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

Panel.
CZ-KPY4

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



Optional controller.
CONEX wired remote controller.
CZ-RTC6 - CZ-RTC6BL
- CZ-RTC6BLW



Optional controller.
Infrared remote controller.
CZ-RWS3 + CZ-RRWY3



Optional Econavi sensor.
CZ-CENSC1

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)
UK cooling	Total - Sensible	kW	3.5-2.3	4.9-3.1	5.9-3.7
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++
P _{design}		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)
UK heating	Total	kW	4.1	5.3	6.1
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+
P _{design} 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	m ³ /sec	0.16/0.13/0.10	0.20/0.16/0.11	0.23/0.18/0.13
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 (HxWxD)	mm	243x575x575	243x575x575	243x575x575
	Panel (HxWxD)	mm	30x625x625	30x625x625	30x625x625
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
Maximum fuse size		A	20	20	25
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	m ³ /sec	0.57/0.61	0.70/0.70	0.70/0.70
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	HxWxD	mm	695x875x320	695x875x320	695x875x320
Net weight		kg	42	42	43
Piping diameter	Liquid pipe	Inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35) ⁵⁾
	Gas pipe	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
Pipe length for additional gas		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
Kit RRP		€	2,183	2,468	2,785
Indoor unit RRP		€	694	787	961
Outdoor unit RRP		€	1,112	1,304	1,447
Panel RRP		€	233	233	233
Wired control RRP		€	144	144	144

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 $\eta_{h,c} / \eta_{h,h}$ 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 3A. ** Above values are in the case of nanoe™ X OFF.

Accessories	RRP €
CZ-RTC6 CONEX wired remote controller (non-wireless)	144
CZ-RTC6BL CONEX wired remote controller with Bluetooth®	172
CZ-RTC6BLW CONEX wired remote controller with Wi-Fi and Bluetooth®	242
CZ-RTC5B Wired remote controller with Econavi function and datanavi	144
CZ-RWS3 + CZ-RRWY3 Infrared remote controller and receiver	276

Accessories	RRP €
CZ-CAPWFC1 Commercial Wi-Fi Adaptor	176
PAW-PACR3 Interfaces to run 3 units on back-up and alternative run	1,745
PAW-WTRAY Tray for condenser water compatible with outdoor elevation platform	133
PAW-GRDBSE20 Outdoor base ground support for noise and vibration absorption	122
PAW-GRDSTD40 Outdoor elevation platform 400x900x400 mm	133
CZ-CENSC1 Econavi energy savings sensor	151



SEER and SCOP: For S-36PY3E + U-36PZH3E5. 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.panasonic.co.uk/aicon or www.ptc.panasonic.eu.