



nanoe™ X as a standard.



PACi NX Series Standard wall-mounted Inverter+ · 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.

			Single phase				
			3.6 kW	5.0 kW	6.0 kW	7.1 kW	10.0 kW
Kit			KIT-36PK3Z5	KIT-50PK3Z5	KIT-60PK3Z5	KIT-71PK3Z5	KIT-100PK3Z5
Remote controller			CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B	CZ-RTC5B
Cooling capacity	Nominal (Min - Max)	kW	3.6 [1.5 - 4.0]	5.0 [1.5 - 5.6]	6.1 [2.0 - 7.1]	7.1 [2.6 - 7.7]	9.0 [3.0 - 9.7]
UK cooling	Total - Sensible	kW	3.4 - 2.4	4.8 - 3.2	6.0 - 4.0	6.7 - 4.4	9.0 - 5.6
EER ¹⁾	Nominal (Min - Max)	W/W	4.14 [3.74 - 5.88]	3.52 [3.03 - 6.25]	3.67 [3.01 - 6.90]	3.16 [2.77 - 5.00]	3.47 [3.13 - 5.36]
SEER ²⁾			7.6 A++	7.4 A++	7.0 A++	5.8 A+	6.5 A++
Pdesign		kW	3.6	5.0	6.1	7.1	9.0
Input power	Nominal (Min - Max)	kW	0.87 [0.26 - 1.07]	1.42 [0.24 - 1.85]	1.66 [0.29 - 2.36]	2.25 [0.52 - 2.78]	2.59 [0.56 - 3.10]
Annual energy consumption ³⁾		kWh/a	166	237	3.05	429	485
Heating capacity	Nominal (Min - Max)	kW	3.6 [1.5 - 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]
UK heating	Total	kW	3.9	5.6	6.1	6.9	9.6
COP ¹⁾	Nominal (Min - Max)	W/W	4.62 [4.11 - 6.52]	4.20 [3.17 - 7.50]	4.39 [3.18 - 7.50]	4.23 [3.38 - 6.36]	3.93 [3.56 - 5.36]
SCOP ²⁾			4.5 A+	4.4 A+	4.7 A++	4.4 A+	3.9 A
Pdesign at -10 °C		kW	2.8	4.0	4.6	5.2	9.0
Input power	Nominal (Min - Max)	kW	0.78 [0.23 - 1.12]	1.19 [0.20 - 2.02]	1.39 [0.24 - 2.20]	1.68 [0.33 - 2.40]	2.29 [0.56 - 2.95]
Annual energy consumption ³⁾		kWh/a	872	1273	1370	1653	3231
Indoor unit			S-3650PK3E	S-3650PK3E	S-6010PK3E	S-6010PK3E	S-6010PK3E
Air flow	Hi / Med / Lo	m³/sec	0.22 / 0.18 / 0.15	0.27 / 0.23 / 0.18	0.33 / 0.29 / 0.24	0.33 / 0.29 / 0.24	0.37 / 0.31 / 0.25
Moisture removal volume		L/h	0.9	1.8	2.0	3.0	4.3
Sound pressure ⁴⁾	Hi / Med / Lo	dB(A)	35/31/27	40/36/32	47/44/40	47/44/40	49/45/41
Sound power	Hi / Med / Lo	dB(A)	51/47/43	56/52/48	63/60/56	63/60/56	65/61/57
Dimension	H x W x D	mm	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236	302 x 1120 x 236
Net weight		kg	13	13	14	14	14
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit			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
Maximum fuse size		A	15	15	20	20	35
Current	Cool	A	4.05 - 3.85 - 3.70	6.60 - 6.30 - 6.05	7.70 - 7.35 - 7.05	10.4 - 10.00 - 9.55	12.9 - 12.4 - 11.9
	Heat	A	3.65 - 3.50 - 3.35	5.60 - 5.35 - 5.10	6.45 - 6.15 - 5.90	7.80 - 7.45 - 7.15	11.4 - 10.9 - 10.5
Air flow	Cool / Heat	m³/sec	0.56/0.57	0.55/0.53	0.71/0.69	0.75/0.77	1.22/1.22
Sound pressure	Cool / Heat (Hi)	dB(A)	46/47	46/46	47/48	48/49	52/52
Sound power	Cool / Heat (Hi)	dB(A)	64/66	64/64	64/65	66/68	70/70
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
Net weight		kg	32	35	42	50	83
Piping diameter	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]
	Gas pipe	Inch (mm)	1/2 [12.70]	1/2 [12.70]	1/2 [12.70] ⁶⁾	5/8 [15.88] ⁶⁾	5/8 [15.88]
Pipe length range		m	3 ~ 15	3 ~ 20	3 ~ 40	3 ~ 40	5 ~ 50
Elevation difference (in / out) ⁷⁾		m	15/15	15/15	15/30	20/30	15/30
Pipe length for additional gas		m	7.5	7.5	30	30	30
Additional gas amount		g/m	10	15	15	17	45
Refrigerant [R32] / CO ₂ Eq.		kg / T	0.87/0.59	1.14/0.77	1.15/0.78	1.32/0.89	2.4/1.62
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24
Kit RRP			£ 1.666	£ 1.894	£ 2.130	£ 2.427	£ 2.720
Indoor unit RRP			£ 754	£ 754	£ 981	£ 981	£ 981
Outdoor unit RRP			£ 768	£ 996	£ 1.005	£ 1.302	£ 1.595
Wired control RRP			£ 144	£ 144	£ 144	£ 144	£ 144

Technical focus

- Modern design with flat face and compact size
- DC fan for better efficiency and control
- Six directional piping outlet
- nanoe™ X (Generator Mark 2= 9.6 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Wired remote control 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.

Quiet operation

These units are among the quietest in the industry, making them ideal for hotels and hospitals.

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.