

Wall-mounted Etherea - R32

- nanoe™ X technology to improve protection 24/7
- Stylish, monolithic design available in graphite grey, silver and matt white
- Improved SEER / SCOP for top class energy efficiency
- Aerowings 2.0 for the ultimate comfort
- Easy-to-use remote controller
- Built-in Wi-Fi for smart control via Panasonic Comfort Cloud App
- Compatible with Google Assistant and Amazon Alexa
- Chassis and parts designed for easier installation



Kit graphite grey			KIT-XZ20-ZKE-H	KIT-XZ25-ZKE-H	KIT-XZ35-ZKE-H	KIT-XZ42-ZKE-H	—	—
Kit silver			KIT-XZ20-ZKE	KIT-XZ25-ZKE	KIT-XZ35-ZKE	—	KIT-XZ50-ZKE	—
Kit matt white			KIT-Z20-ZKE	KIT-Z25-ZKE	KIT-Z35-ZKE	KIT-Z42-ZKE	KIT-Z50-ZKE	KIT-Z71-ZKE
Cooling capacity	Nominal (Min - Max)	kW	2,05 [0,75 - 2,65]	2,50 [0,85 - 3,50]	3,50 [0,85 - 4,20]	4,20 [0,85 - 5,00]	5,00 [0,98 - 6,00]	7,10 [0,98 - 8,50]
EER ¹⁾	Nominal (Min - Max)	W/W	4,66 [4,69 - 4,02]	4,90 [5,00 - 3,89]	4,27 [4,25 - 3,62]	3,39 [3,62 - 3,18]	3,68 [3,92 - 3,16]	3,24 [2,33 - 2,83]
SEER ²⁾			8,70 A+++	9,50 A+++	9,50 A+++	7,10 A++	8,50 A+++	6,50 A++
Pdesign [cooling]		kW	2,1	2,5	3,5	4,2	5,0	7,1
Input power	Nominal (Min - Max)	kW	0,44 [0,16 - 0,66]	0,51 [0,17 - 0,90]	0,82 [0,20 - 1,16]	1,24 [0,24 - 1,57]	1,36 [0,25 - 1,90]	2,19 [0,42 - 3,00]
Annual energy consumption ³⁾		kWh/a	84	92	129	207	206	382
Heating capacity	Nominal (Min - Max)	kW	2,80 [0,75 - 4,00]	3,40 [0,80 - 4,80]	4,00 [0,80 - 5,50]	5,30 [0,80 - 6,80]	5,80 [0,98 - 8,00]	8,20 [0,98 - 10,20]
Heating capacity at -7 °C		kW	2,38	2,8	3,2	4,11	4,8	6,31
COP ¹⁾	Nominal (Min - Max)	W/W	4,67 [4,69 - 4,26]	4,86 [5,00 - 4,07]	4,55 [4,44 - 3,77]	3,73 [4,21 - 3,66]	4,14 [4,26 - 3,35]	3,73 [2,45 - 3,31]
SCOP ²⁾			4,80 A++	5,20 A+++	5,20 A+++	4,30 A+	4,80 A++	4,20 A+
Pdesign at -10 °C		kW	2,4	2,6	2,9	3,6	4,2	5,5
Input power	Nominal (Min - Max)	kW	0,60 [0,16 - 0,94]	0,70 [0,16 - 1,18]	0,88 [0,18 - 1,46]	1,42 [0,19 - 1,86]	1,40 [0,23 - 2,39]	2,20 [0,40 - 3,08]
Annual energy consumption ³⁾		kWh/a	700	700	781	1172	1225	1833
Indoor unit graphite grey			CS-XZ20ZKEW-H	CS-XZ25ZKEW-H	CS-XZ35ZKEW-H	CS-Z42ZKEW-H	—	—
Indoor unit silver			CS-XZ20ZKEW	CS-XZ25ZKEW	CS-XZ35ZKEW	—	CS-XZ50ZKEW	—
Indoor unit matt white			CS-Z20ZKEW	CS-Z25ZKEW	CS-Z35ZKEW	CS-Z42ZKEW	CS-Z50ZKEW	CS-Z71ZKEW
Power supply		V	230	230	230	230	230	230
Recommended fuse		A	16	16	16	16	16	20
Connection indoor / outdoor		mm ²	4x1,5	4x1,5	4x1,5	4x1,5	4x2,5	4x2,5
Air flow	Cool / Heat	m ³ /min	10,4/11,9	12,4/13,0	12,7/14,4	14,5/15,4	17,4/19,1	19,0/19,9
Moisture removal volume		L/h	1,3	1,5	2	2,4	2,8	4,1
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	35/24/19	39/25/19	42/28/19	43/31/25	44/37/30	47/38/30
	Heat (Hi / Lo / Q-Lo)	dB(A)	36/25/19	39/27/19	43/33/19	43/35/29	44/37/30	47/38/30
Dimension	H x W x D	mm	295 x 870 x 229	295 x 870 x 229	295 x 870 x 229	295 x 870 x 229	295 x 1040 x 244	295 x 1040 x 244
Net weight		kg	10	10	11	10	12	13
nanoe X Generator			Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3
Outdoor unit			CU-Z20ZKE	CU-Z25ZKE	CU-Z35ZKE	CU-Z42ZKE	CU-Z50ZKE	CU-Z71ZKE
Air flow	Cool / Heat	m ³ /min	26,5/25,7	28,7/26,5	29,8/29,8	29,8/30,9	39,8/36,9	44,7/45,8
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	45/46	46/47	48/50	49/51	47/47	52/54
Dimension ⁵⁾	H x W x D	mm	542 x 780 x 289	542 x 780 x 289	542 x 780 x 289	542 x 780 x 289	695 x 875 x 320	695 x 875 x 320
Net weight		kg	27	27	31	31	40	45
Piping diameter	Liquid	Inch (mm)	1/4 [6,35]	1/4 [6,35]	1/4 [6,35]	1/4 [6,35]	1/4 [6,35]	1/4 [6,35]
	Gas	Inch (mm)	3/8 [9,52]	3/8 [9,52]	3/8 [9,52]	1/2 [12,70]	1/2 [12,70]	5/8 [15,88]
Pipe length range		m	3 - 15	3 - 15	3 - 15	3 - 15	3 - 30	3 - 30
Elevation difference (in / out)		m	15	15	15	15	15	20
Pre-charged pipe length		m	7,5	7,5	7,5	7,5	7,5	10
Additional gas amount		g/m	10	10	10	10	15	25
Refrigerant (R32) / CO ₂ Eq.		kg / T	0,70/0,47	0,70/0,47	0,81/0,55	0,83/0,56	1,13/0,76	1,35/0,91
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 4) The sound pressure of the indoor unit shows the value measured of a position of 1 m in front of the main body and 0,8 m below the unit. For outdoor unit 1 m in front and 1 m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) Add 70 mm for piping port.

Accessories

CZ-CAPRA1 RAC interface adapter for integration into S-Link

Accessories

CZ-RD517C Wired remote controller for wall-mounted and floor console



SEER and SCOP: For KIT-**25-ZKE and KIT-**35-ZKE. SUPER QUIET: For KIT-**20-ZKE, KIT-**25-ZKE and KIT-**35-ZKE. INTERNET CONTROL: Built-in Wi-Fi.

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.