

NEW! Wall-mounted TZ super-compact · R32

· nanoe™ X (Generator Mark 2): Improve protection 24/7
· Aerowings: Enhanced air flow comfort
· Super Quiet at just 20 dB(A)
· Built-in Wi-Fi: Smart control via Comfort Cloud App
· Compatible with Google Assistant and Amazon Alexa
· Elegant and space saving design, only 765 mm wide
· Optimized design for easy installation 2.0

KIT			KIT-TZ20-CKE	KIT-TZ25-CKE	KIT-TZ35-CKE	KIT-TZ42-CKE	KIT-TZ50-CKE	KIT-TZ60-CKE	KIT-TZ71-CKE
Cooling capacity	Nominal (Min - Max)	kW	2,00 (0,75 - 2,50)	2,50 (0,85 - 3,00)	3,50 (0,85 - 4,00)	4,20 (0,85 - 4,60)	5,00 (0,98 - 5,60)	6,00 (0,98 - 6,60)	7,10 (0,98 - 8,40)
EER [1]	Nominal (Min - Max)	W/W	4,08 (4,17 - 3,91)	3,85 (4,05 - 3,41)	3,57 (3,62 - 3,33)	3,36 (3,62 - 2,80)	3,13 (3,92 - 2,96)	3,24 (3,92 - 2,87)	3,23 (2,33 - 2,80)
SEER [2]			**7,00 A++**	**7,30 A++**	**7,30 A++**	**6,60 A++**	**6,90 A++**	**6,90 A++**	**6,30 A++**
Pdesign (cooling)		kW	2,0	2,5	3,5	4,2	5,0	6,0	7,1
Input power	Nominal (Min - Max)	kW	0,49 (0,18 - 0,64)	0,65 (0,21 - 0,88)	0,98 (0,24 - 1,20)	1,25 (0,24 - 1,64)	1,60 (0,25 - 1,89)	1,85 (0,25 - 2,30)	2,20 (0,42 - 3,00)
Annual energy consumption [3]		kWh/a	100	120	168	223	254	304	394
Heating capacity	Nominal (Min - Max)	kW	2,70 (0,70 - 3,60)	3,30 (0,80 - 4,10)	4,00 (0,80 - 5,10)	5,00 (0,80 - 6,80)	5,80 (0,98 - 7,50)	7,00 (0,98 - 8,20)	8,20 (0,98 - 10,20)
Heating capacity at -7 °C		kW	2,35	2,70	3,30	3,90	4,62	4,90	6,31
COP [1]	Nominal (Min - Max)	W/W	4,15 (4,24 - 3,53)	4,18 (4,21 - 3,66)	4,04 (4,10 - 3,70)	3,73 (4,10 - 3,33)	3,41 (4,67 - 3,26)	3,72 (4,67 - 3,57)	3,71 (2,45 - 3,29)
SCOP [2]			**4,60 A++**	**4,60 A++**	**4,60 A++**	**4,10 A+**	**4,50 A+**	**4,30 A+**	**4,10 A+**
Pdesign at -10 °C		kW	2,1	2,4	2,8	3,6	4,0	4,4	5,5
Input power	Nominal (Min - Max)	kW	0,65 (0,17 - 1,02)	0,79 (0,19 - 1,12)	0,99 (0,20 - 1,38)	1,34 (0,20 - 2,04)	1,70 (0,21 - 2,30)	1,88 (0,21 - 2,30)	2,21 (0,40 - 3,10)
Annual energy consumption [3]		kWh/a	639	730	852	1229	1244	1433	1878
Indoor unit			**CS-TZ20CKEW**	**CS-TZ25CKEW**	**CS-TZ35CKEW**	**CS-TZ42CKEW**	**CS-TZ50CKEW**	**CS-TZ60CKEW**	**CS-TZ71CKEW**
Power supply		V	230	230	230	230	230	230	230
Recommended fuse		A	16	16	16	16	16	20	20
Connection indoor / outdoor		mm²	4x1,5	4x1,5	4x1,5	4x1,5	4x2,5	4x2,5	4x2,5
Air flow	Cool / Heat	m³/min	10,0 / 10,5	11,0 / 11,5	11,8 / 12,3	12,6 / 13,3	12,6 / 13,4	19,9 / 21,0	20,4 / 21,6
Moisture removal volume		L/h	1,3	1,5	2	2,4	2,8	3,3	4,1
Sound pressure [4]	Cool (Hi / Lo / Q-Lo)	dB(A)	37 / 25 / 20	40 / 26 / 20	42 / 30 / 20	44 / 31 / 25	44 / 37 / 33	45 / 37 / 34	47 / 38 / 35
	Heat (Hi / Lo / Q-Lo)	dB(A)	38 / 26 / 21	40 / 27 / 21	42 / 33 / 21	44 / 35 / 28	44 / 37 / 33	45 / 37 / 34	47 / 38 / 35
Dimension	H x W x D	mm	290 x 765 x 214	290 x 765 x 214	290 x 765 x 214	290 x 765 x 214	290 x 765 x 214	295 x 1060 x 249	295 x 1060 x 249
Net weight		kg	9	9	9	9	9	14	15
nanoe X Generator			Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2	Mark 2
Outdoor unit			**CU-TZ20CKE**	**CU-TZ25CKE**	**CU-TZ35CKE**	**CU-TZ42CKE**	**CU-TZ50CKE**	**CU-TZ60CKE**	**CU-TZ71CKE**
Air flow	Cool / Heat	m³/min	29,7 / 29,7	30,0 / 28,9	28,7 / 29,7	31,0 / 29,5	32,7 / 32,7	34,4 / 35,6	44,7 / 45,8
Sound pressure [4]	Cool / Heat (Hi)	dB(A)	46 / 47	47 / 48	48 / 50	49 / 51	48 / 49	49 / 51	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	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320
Net weight		kg	24	25	30	31	35	36	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)	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)	1/2 (12,70)	5/8 (15,88)
Pipe length range		m	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 20	3 ~ 30	3 ~ 30
Elevation difference (in / out)		m	15	15	15	15	15	15	20
Pre-charged pipe length		m	7,5	7,5	7,5	7,5	10	10	10
Additional gas amount		g/m	10	10	10	10	15	15	25
Refrigerant (R32) / CO_2 Eq.		kg / T	0,50 / 0,34	0,58 / 0,39	0,68 / 0,46	0,79 / 0,53	1,03 / 0,70	1,22 / 0,82	1,32 / 0,89
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

1) EER and COP calculation is based in accordance to EN 14511. 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

R32 REFRIGERANT · A++ 7,30 SEER · A++ 4,60 SCOP · INVERTER · R2 ROTARY COMPRESSOR · nanoeX · 20 dB(A) · AEROWINGS · R22 R410A R22 RENEWAL · INTEGRATION TO S-LINK · BUILT-IN WI-FI · BMS CONNECTIVITY · 5 YEARS COMPRESSOR WARRANTY

SEER and SCOP: For KIT-TZ25-CKE and KIT-TZ35-CKE. SUPER QUIET: For KIT-TZ20-CKE, KIT-TZ25-CKE and KIT-TZ35-CKE. 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.