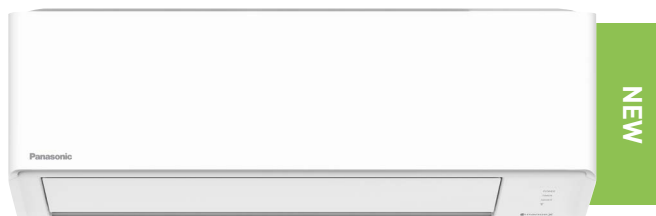


New Wall-mounted TZ super-compact with nanoe™ X

Smart comfort and cleaner air in a compact unit.

TZ features nanoe™ X technology with the benefits of hydroxyl radicals for a cleaner and more comfortable indoor environment.





SEE PRODUCT SPECIFICATIONS 

Air quality – nanoe™ X technology

The TZ series are equipped with the nanoe X Generator Mark 2.

By releasing up to 9,6 trillion hydroxyl radicals per second to help inhibit pollutants in the air and on surfaces. It's a compact solution that brings a cleaner indoor environment, day and night.

- nanoe X Generator Mark 2 – 20x more hydroxyl radicals than the traditional nanoe™
- 24/7 cleaner air – Works independently of heating or cooling modes
- Maintenance-free – No filters or replacements required



Technology for the ultimate comfort

TZ combines Aerowings, Panasonic's advanced air flow technology, with Super Quiet operation to deliver fast, even, and gentle comfort throughout the room.

- Aerowings – Two vanes that concentrate air flow for fast and even air distribution
- Shower Cooling – Gentle air flow directed to the ceiling, avoiding direct cold drafts
- Super Quiet operation – As low as 20 dB(A) for undisturbed comfort

Aerowings.



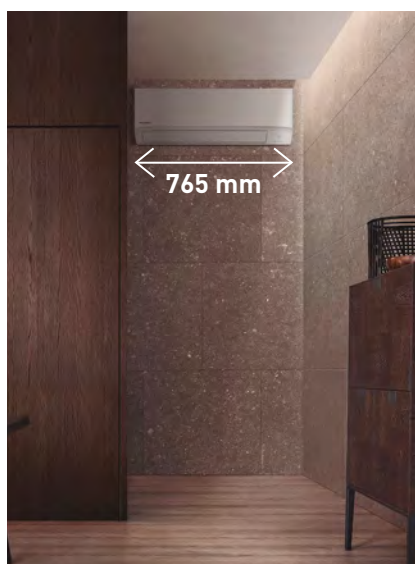
Shower Cooling.



Super-compact design, smart details

The TZ series combines a super-compact indoor unit with smart design features for easier installation and servicing, effortless operation, and a clean, modern look without compromising performance.

- Super-compact size – Just 765 mm wide, ideal for tight spaces like above doors
- Easy installation 2.0 – Chassis and components designed for easier installation and servicing
- Ergonomic remote control – Backlit, intuitive layout with sliding cover for a clean look



Built-in Wi-Fi.

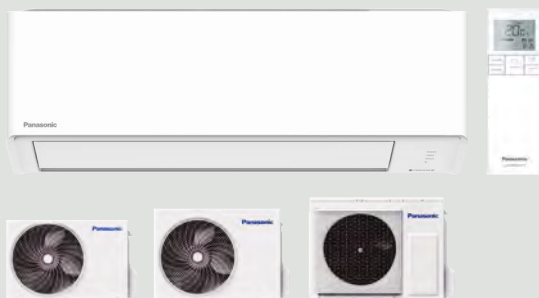
Works with Google Home and Alexa.



Comfort Cloud



Built-in

**NEW! Wall-mounted TZ super-compact · R32**

- nano[™] 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	mm ²		4x1,5	4x1,5	4x1,5	4x1,5	4x2,5	4x2,5	4x2,5
Air flow	Cool / Heat	m ³ /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	m ³ /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



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.