

New Wall-mounted TZ Super-compact Inverter • R32 Refrigerant



NEW
2020



Built-in WLAN
Panasonic Comfort
Cloud for internet
control.



Kit			KIT-TZ20-WKE	KIT-TZ25-WKE	KIT-TZ35-WKE	KIT-TZ42-WKE	KIT-TZ50-WKE	KIT-TZ60-WKE	KIT-TZ71-WKE
Cooling capacity	Nominal (Min - Max)	kW	2.00 (0.75 - 2.40)	2.50 (0.85 - 3.00)	3.50 (0.85 - 3.90)	4.20 (0.85 - 4.60)	5.00 (0.98 - 5.60)	6.00 (0.98 - 6.60)	7.10 (0.98 - 8.20)
SEER ²⁾			7.00 A++	7.00 A++	6.80 A++	6.40 A++	6.90 A++	6.80 A++	6.20 A++
Input power cooling	Nominal (Min - Max)	kW	0.49 (0.18 - 0.60)	0.65 (0.21 - 0.88)	0.98 (0.24 - 1.16)	1.25 (0.24 - 1.64)	1.60 (0.25 - 1.90)	1.85 (0.25 - 2.30)	2.24 (0.42 - 2.75)
Annual energy consumption ³⁾		kWh/a	100	125	180	230	254	309	401
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)	8.60 (0.98 - 9.90)
Heating capacity at -7°C		kW	2.14	2.70	3.30	3.90	4.62	4.90	6.13
SCOP ²⁾			4.60 A++	4.60 A++	4.60 A++	4.00 A+	4.50 A+	4.30 A+	4.00 A+
Input power heating	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)	1.90 (0.21 - 2.30)	2.45 (0.40 - 2.85)
Annual energy consumption ³⁾		kWh/a	578	730	852	1260	1244	1433	1925
Indoor unit			CS-TZ20WKEW	CS-TZ25WKEW	CS-TZ35WKEW	CS-TZ42WKEW	CS-TZ50WKEW	CS-TZ60WKEW	CS-TZ71WKEW
Power source		V	230	230	230	230	230	230	230
Air volume	Cool / Heat	m³/min	10.3 / 10.8	11.0 / 11.5	11.8 / 12.3	12.5 / 13.2	12.5 / 13.2	20.9 / 21.9	22.1 / 22.9
Moisture removal volume		L/h	1.3	1.5	2.0	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 / 29	44 / 37 / 33	45 / 37 / 34	47 / 38 / 35
	Heat (Hi / Lo / Q-Lo)	dB(A)	38 / 26 / 22	40 / 27 / 22	42 / 33 / 22	44 / 35 / 28	44 / 37 / 33	45 / 37 / 34	47 / 38 / 35
Dimension	H x W x D	mm	290 x 779 x 209	290 x 779 x 209	290 x 779 x 209	290 x 779 x 209	290 x 779 x 209	302 x 1102 x 244	302 x 1102 x 244
Net weight		kg	8	8	8	8	8	13	13
Outdoor unit			CU-TZ20WKE	CU-TZ25WKE	CU-TZ35WKE	CU-TZ42WKE	CU-TZ50WKE	CU-TZ60WKE	CU-TZ71WKE
Air volume	Cool / Heat	m³/min	29.7 / 29.7	30.0 / 28.9	28.7 / 29.7	30.4 / 30.8	32.7 / 32.7	34.0 / 34.0	44.7 / 45.9
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	31	31	36	36	50
Pipe length range		m	3 - 15	3 - 15	3 - 15	3 - 15	3 - 20	3 - 30	3 - 30
Elevation difference (in/out) ⁶⁾		m	15	15	15	15	15	15	20
Refrigerant (R32) / CO ₂ Eq.		kg / T	0.54 / 0.365	0.67 / 0.452	0.77 / 0.520	0.79 / 0.533	1.14 / 0.770	1.22 / 0.824	1.32 / 0.891
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

Accessories

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

Accessories

CZ-RD514C Wired remote controller for Wall-mounted and Floor Console

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 at a position 1m in front of the main body and 0.8m below the unit. For outdoor unit 1m in front and 1m 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 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



Our heat pumps containing the refrigerant R32 show a drastic reduction in the value of Global Warming Potential (GWP) compared with R410A refrigerant. — Seasonal efficiency in cooling will bring you saving all year while heating. Energy efficiency rank from A+++ to D. — Inverter Plus System classification highlight the Panasonic highest performing systems. — Panasonic R2 Rotary Compressor. Designed to withstand extreme conditions, it delivers high performance and efficiency. — Dust Collection Filter. This filter collects and retain particles suspended on the air, as result the air is cleaner in the room. — With Super Quiet technology our devices are much more quiet than a library (30dB(A)). — More comfort with Aerowings. Direct airflow to ceiling to create shower cooling effect by twin flap built in indoor. — More comfort with Aerowings. Direct airflow to ceiling to create shower cooling effect by twin flap built in indoor. — The Panasonic renewal system allows good quality existing R410A or R22 pipe work to be re-used whilst installing new high efficiency R32 systems. — The Panasonic renewal system allows good quality existing R410A or R22 pipe work to be re-used whilst installing new high efficiency R32 systems. — The communication port can be integrated into the indoor unit and provides easy connection to, and control of, your Panasonic heat pump to your home or building management system. — This unit is ready to connect to internet and be managed by smartphone, with a powerful and user friendly App to manage the comfort wherever you are. — Communication port to integrate the unit to home and building management systems most known standards. — 5 Years Warranty. We guarantee the outdoor unit compressors in the entire range for five years.

SEER and SCOP: For KIT-TZ20-WKE and KIT-TZ25-WKE. SUPER QUIET: For KIT-TZ20-WKE, KIT-TZ25-WKE and KIT-TZ35-WKE. INTERNET CONTROL: Built-in WLAN.

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